

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141959.D
 Acq On : 14 Mar 2025 12:08
 Operator : RC/JU
 Sample : PB167123BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167123BS

Quant Time: Mar 14 12:52:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	146987	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	579430	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	317948	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	536056	20.000	ng	0.00
76) Chrysene-d12	14.033	240	304640	20.000	ng	0.00
86) Perylene-d12	15.504	264	308592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1293084	146.823	ng	0.01
7) Phenol-d6	6.504	99	1565135	139.577	ng	0.00
23) Nitrobenzene-d5	7.440	82	1051880	102.162	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	646063	160.171	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2175801	104.073	ng	0.00
79) Terphenyl-d14	12.980	244	2372376	115.134	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	173466	47.007	ng	97
3) Pyridine	3.516	79	399765	44.164	ng	98
4) n-Nitrosodimethylamine	3.463	42	198171	45.927	ng	95
6) Aniline	6.540	93	415829	37.591	ng	100
8) 2-Chlorophenol	6.663	128	474317	48.560	ng	98
9) Benzaldehyde	6.428	77	139776	22.288	ng	100
10) Phenol	6.516	94	550149	46.635	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	414467	46.790	ng	100
12) 1,3-Dichlorobenzene	6.816	146	503900	47.784	ng	100
13) 1,4-Dichlorobenzene	6.893	146	515079	48.275	ng	100
14) 1,2-Dichlorobenzene	7.045	146	487784	48.537	ng	99
15) Benzyl Alcohol	7.016	79	413036	45.562	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	473710	44.296	ng	99
17) 2-Methylphenol	7.122	107	367506	47.320	ng	99
18) Hexachloroethane	7.393	117	193179	48.282	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	314440	43.640	ng	99
20) 3+4-Methylphenols	7.275	107	463958	46.640	ng	92
22) Acetophenone	7.287	105	708143	51.034	ng	99
24) Nitrobenzene	7.457	77	485361	47.419	ng	99
25) Isophorone	7.692	82	869167	47.756	ng	99
26) 2-Nitrophenol	7.775	139	247516	49.270	ng	99
27) 2,4-Dimethylphenol	7.804	122	404304	58.447	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	522165	45.742	ng	99
29) 2,4-Dichlorophenol	8.010	162	399100	46.482	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	447871	47.333	ng	98
31) Naphthalene	8.181	128	1363293	45.803	ng	100
32) Benzoic acid	7.922	122	303933m	49.984	ng	
33) 4-Chloroaniline	8.222	127	196874	18.737	ng	97
34) Hexachlorobutadiene	8.298	225	300781	48.743	ng	99
35) Caprolactam	8.592	113	130049m	49.681	ng	
36) 4-Chloro-3-methylphenol	8.704	107	428670	44.756	ng	98
37) 2-Methylnaphthalene	8.869	142	886045	44.536	ng	99
38) 1-Methylnaphthalene	8.969	142	855698	44.572	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	526860	54.426	ng	98
41) Hexachlorocyclopentadiene	9.022	237	644437	170.106	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	308988	48.841	ng	99

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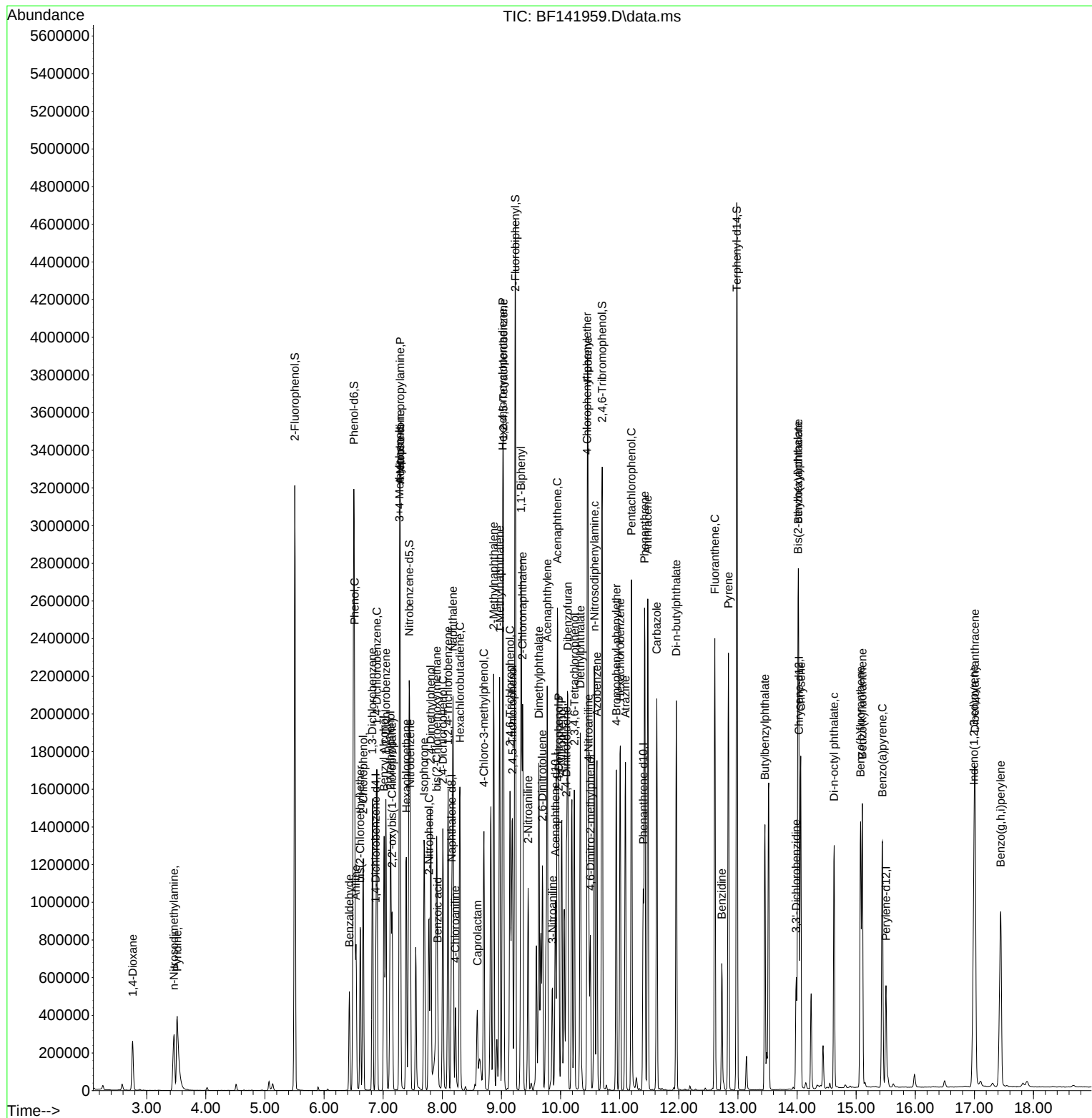
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	316851	49.451	ng	99
46) 1,1'-Biphenyl	9.334	154	1266768	52.436	ng	100
47) 2-Chloronaphthalene	9.357	162	867290	48.166	ng	99
48) 2-Nitroaniline	9.451	65	248859	47.733	ng	99
49) Acenaphthylene	9.775	152	1337571	50.058	ng	100
50) Dimethylphthalate	9.634	163	1031360	46.322	ng	100
51) 2,6-Dinitrotoluene	9.692	165	225946	48.739	ng	97
52) Acenaphthene	9.945	154	995597	53.019	ng	99
53) 3-Nitroaniline	9.863	138	123349	26.231	ng	97
54) 2,4-Dinitrophenol	9.969	184	244830	91.888	ng	# 49
55) Dibenzofuran	10.122	168	1221524	45.526	ng	98
56) 4-Nitrophenol	10.022	139	352071	99.281	ng	97
57) 2,4-Dinitrotoluene	10.098	165	311013	51.366	ng	97
58) Fluorene	10.463	166	969998	46.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	278496	47.765	ng	98
60) Diethylphthalate	10.333	149	1018550	45.878	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	506786	46.978	ng	99
62) 4-Nitroaniline	10.475	138	207809	45.392	ng	99
63) Azobenzene	10.616	77	921954	44.667	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	159437	49.892	ng	99
66) n-Nitrosodiphenylamine	10.575	169	844325	48.673	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	327538	48.652	ng	97
68) Hexachlorobenzene	11.010	284	375501	50.855	ng	95
69) Atrazine	11.098	200	331244	62.289	ng	98
70) Pentachlorophenol	11.198	266	454891	99.991	ng	99
71) Phenanthrene	11.422	178	1414851	48.865	ng	99
72) Anthracene	11.475	178	1434301	49.376	ng	100
73) Carbazole	11.628	167	1161650	46.370	ng	100
74) Di-n-butylphthalate	11.957	149	1481152	44.558	ng	99
75) Fluoranthene	12.610	202	1365159	44.448	ng	99
77) Benzidine	12.727	184	363769	85.587	ng	99
78) Pyrene	12.839	202	1341626	50.912	ng	99
80) Butylbenzylphthalate	13.457	149	459672	44.567	ng	98
81) Benzo(a)anthracene	14.021	228	1021663	51.107	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	179326	31.041	ng	99
83) Chrysene	14.063	228	862379	47.591	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	571961	40.220	ng	99
85) Di-n-octyl phthalate	14.627	149	901188	45.544	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1163800	58.300	ng	98
88) Benzo(b)fluoranthene	15.074	252	878789	41.551	ng	100
89) Benzo(k)fluoranthene	15.104	252	876332	48.418	ng	99
90) Benzo(a)pyrene	15.445	252	859437	51.934	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	953863	57.913	ng	98
92) Benzo(g,h,i)perylene	17.445	276	891937	54.800	ng	98

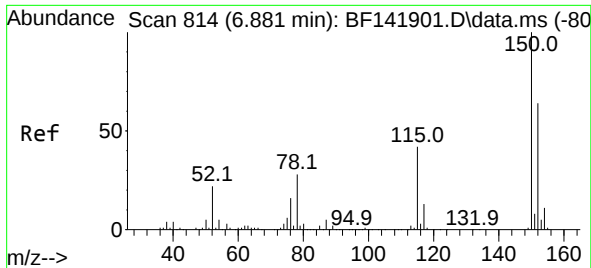
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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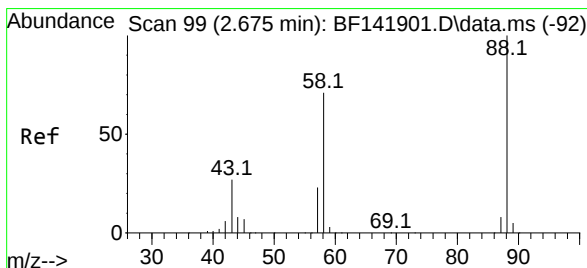
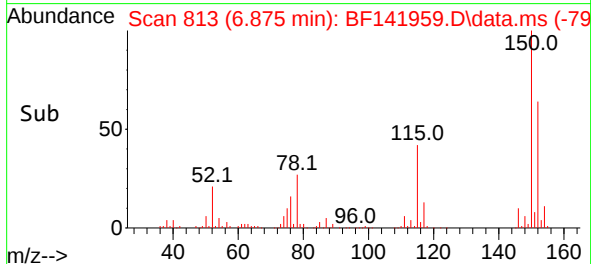
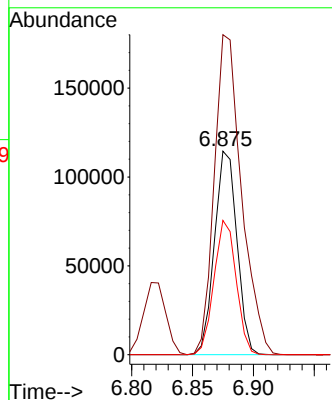
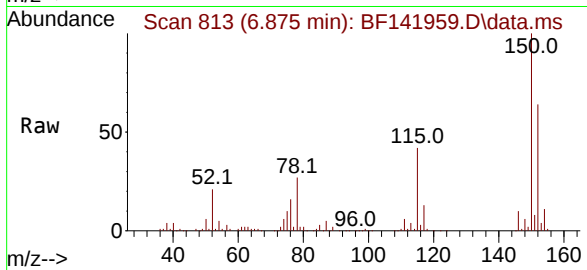




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08

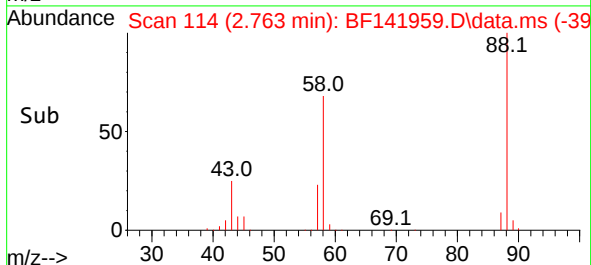
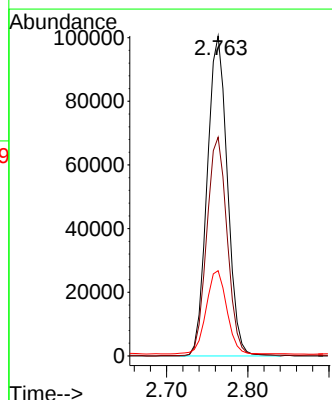
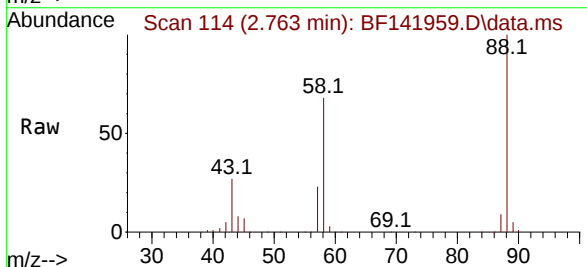
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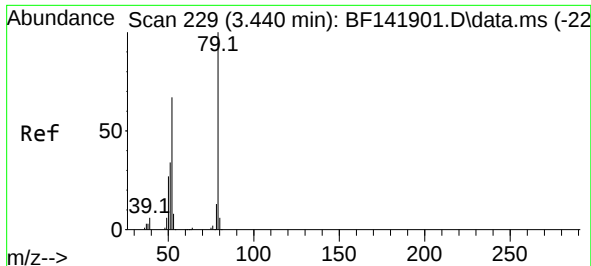
Tgt Ion:152 Resp: 146987
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.4 191.2
 115 66.0 51.9 77.9



#2
 1,4-Dioxane
 Concen: 47.007 ng
 RT: 2.763 min Scan# 114
 Delta R.T. 0.088 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08

Tgt Ion: 88 Resp: 173466
 Ion Ratio Lower Upper
 88 100
 58 68.8 57.4 86.2
 43 26.4 21.5 32.3





#3

Pyridine

Concen: 44.164 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

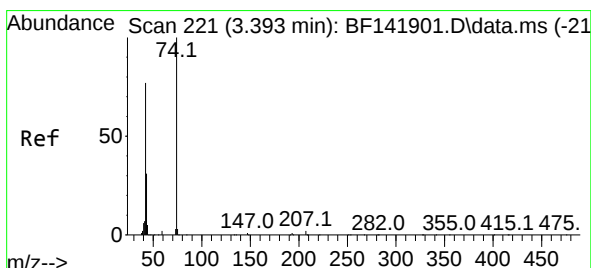
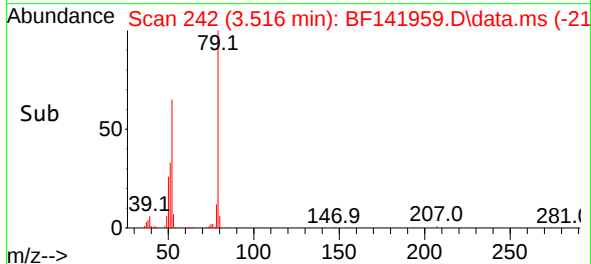
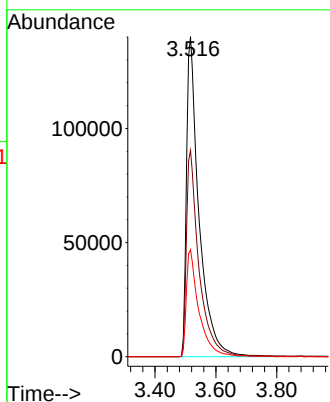
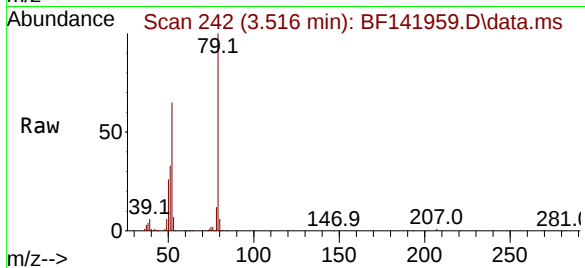
Tgt Ion: 79 Resp: 399765

Ion Ratio Lower Upper

79 100

52 64.5 53.3 79.9

51 33.4 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 45.927 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.071 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

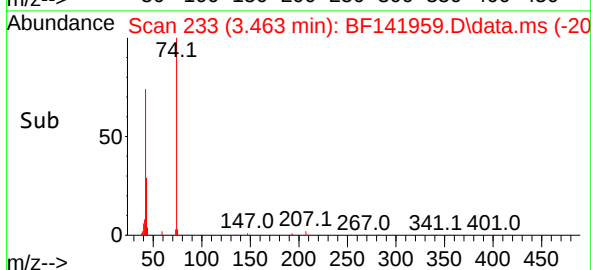
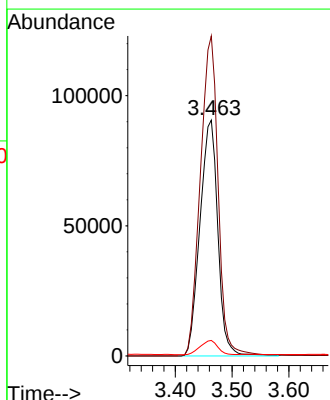
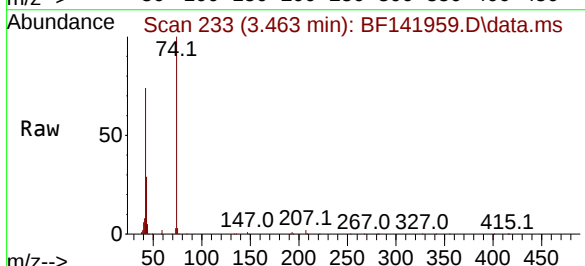
Tgt Ion: 42 Resp: 198171

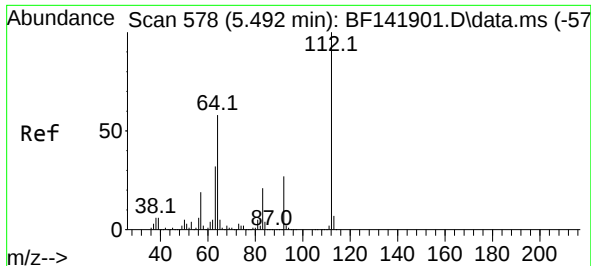
Ion Ratio Lower Upper

42 100

74 135.7 103.4 155.0

44 6.6 5.0 7.4

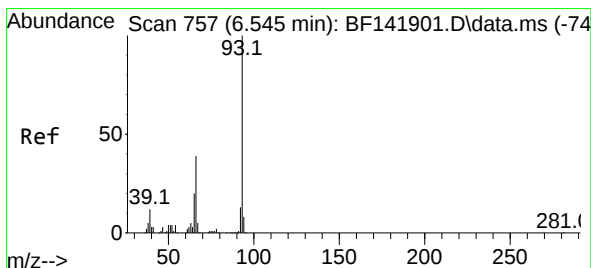
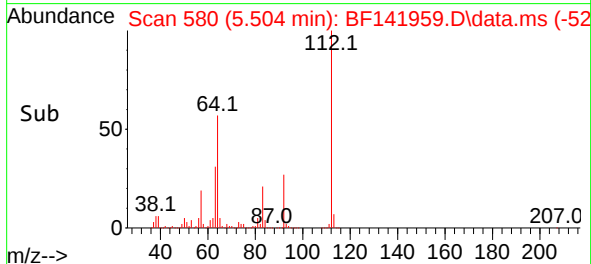
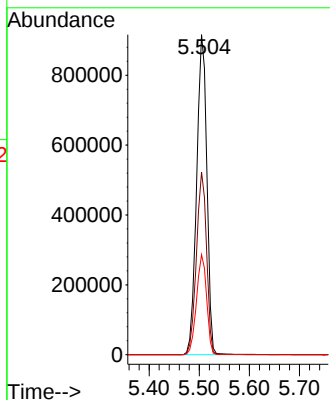
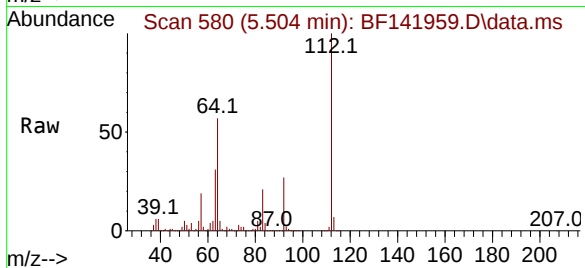




#5
2-Fluorophenol
Concen: 146.823 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

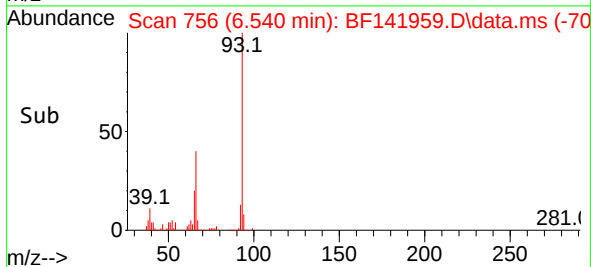
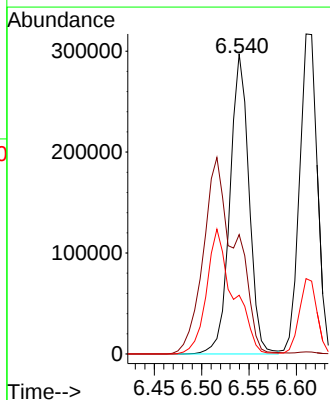
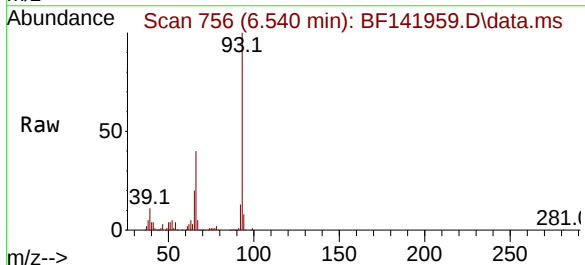
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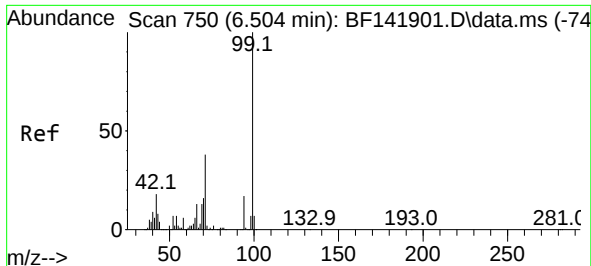
Tgt Ion:112 Resp: 1293084
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.3 25.4 38.2



#6
Aniline
Concen: 37.591 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion: 93 Resp: 415829
Ion Ratio Lower Upper
93 100
66 39.8 31.9 47.9
65 19.6 15.8 23.6

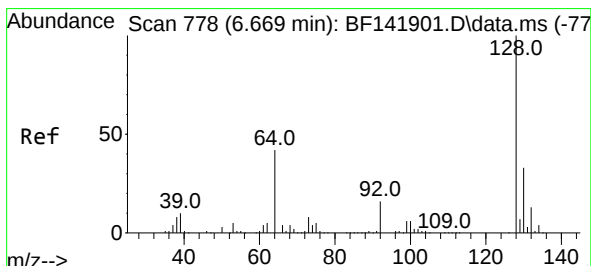
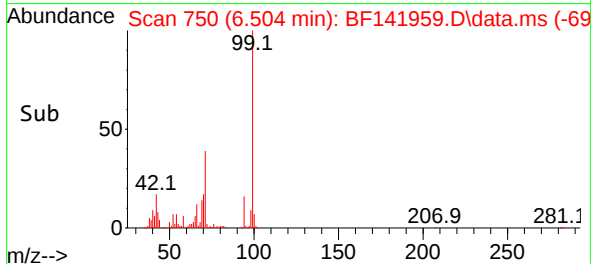
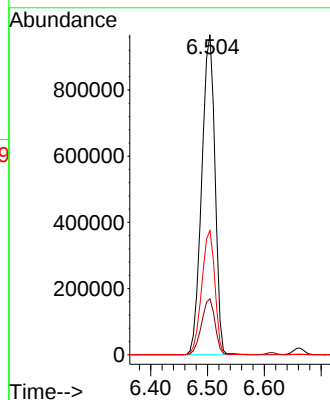
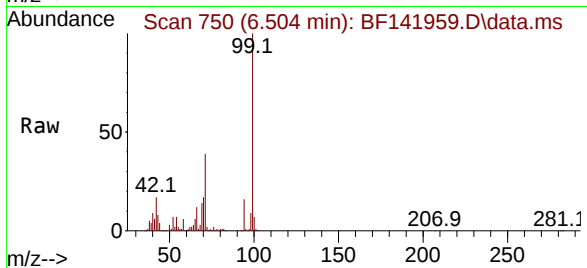




#7
Phenol-d6
Concen: 139.577 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

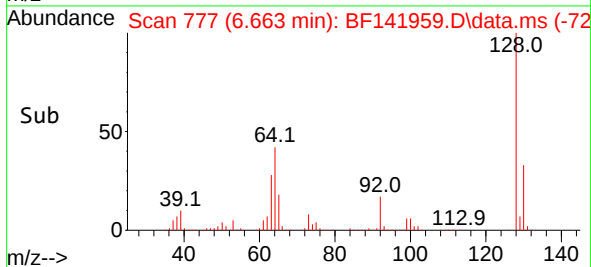
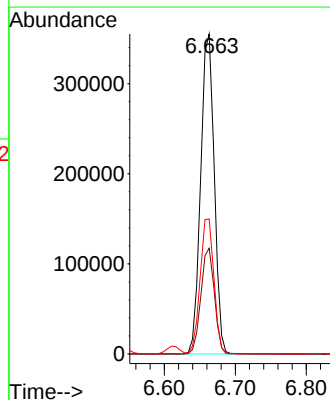
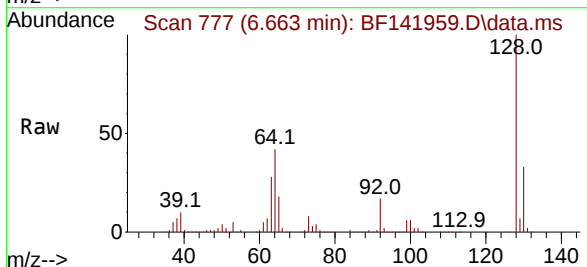
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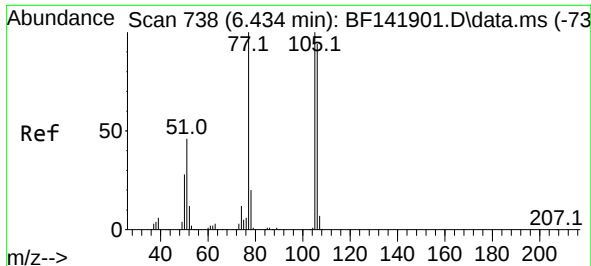
Tgt Ion: 99 Resp: 1565135
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 38.8 30.8 46.2



#8
2-Chlorophenol
Concen: 48.560 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:128 Resp: 474317
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 42.2 24.4 64.4

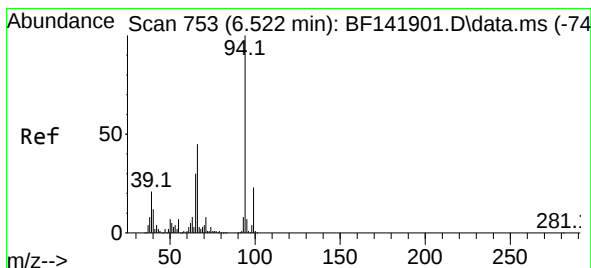
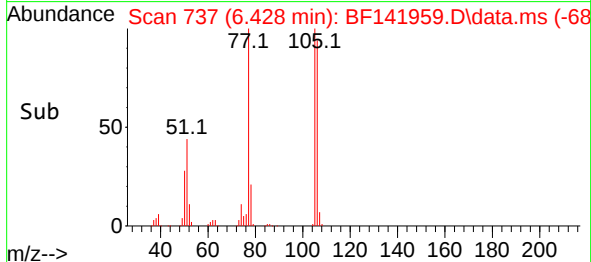
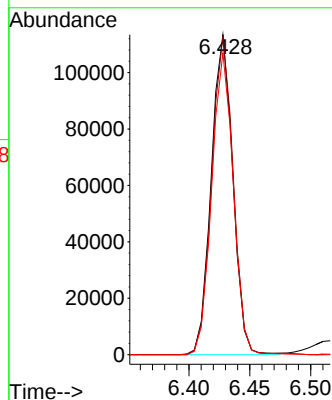
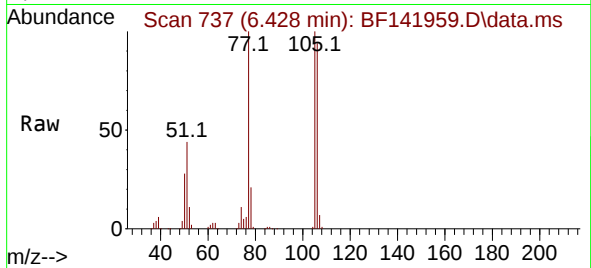




#9
Benzaldehyde
Concen: 22.288 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
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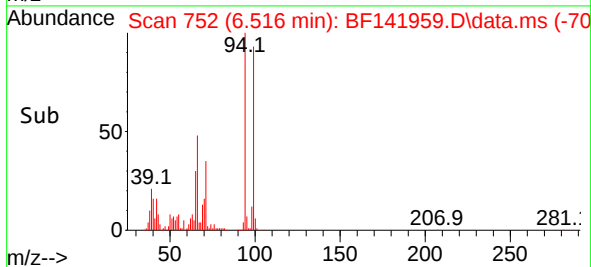
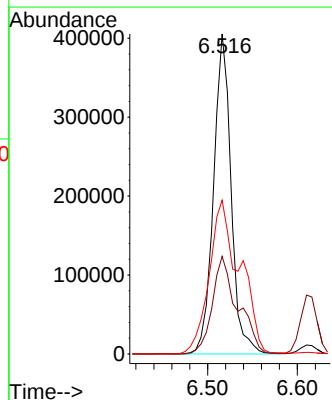
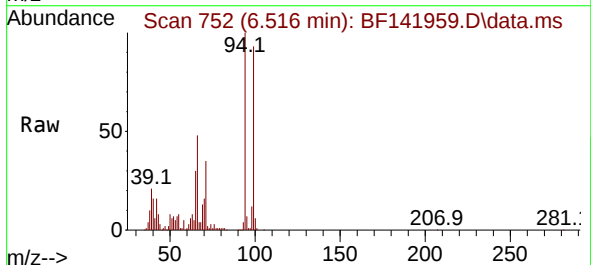
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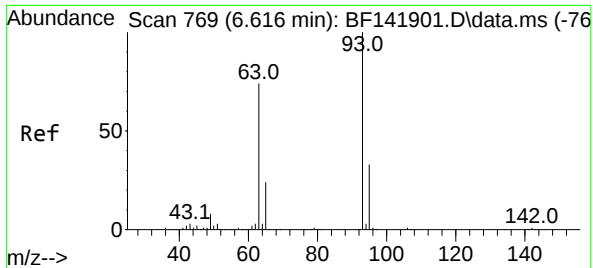
Tgt Ion: 77 Resp: 139776
Ion Ratio Lower Upper
77 100
105 99.5 80.0 120.0
106 94.3 74.5 114.5



#10
Phenol
Concen: 46.635 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion: 94 Resp: 550149
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 48.0 25.8 65.8

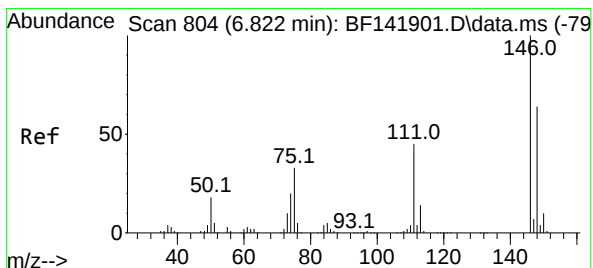
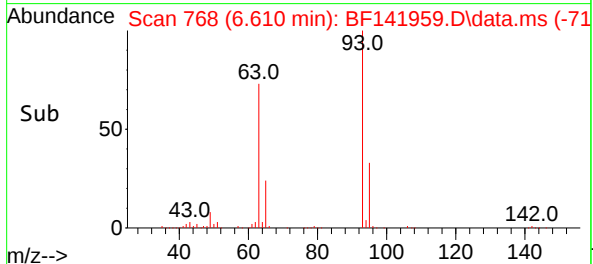
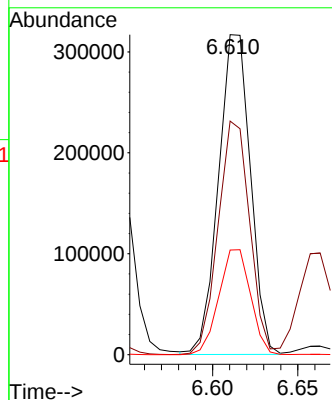
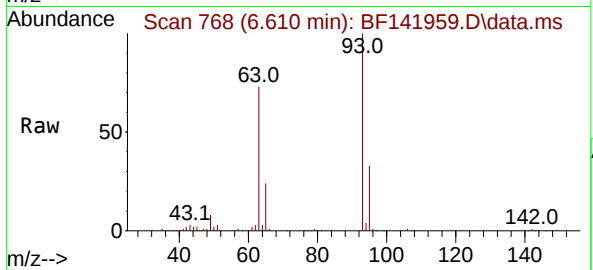




#11
bis(2-Chloroethyl)ether
Concen: 46.790 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

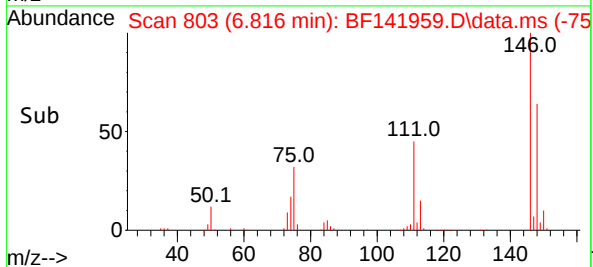
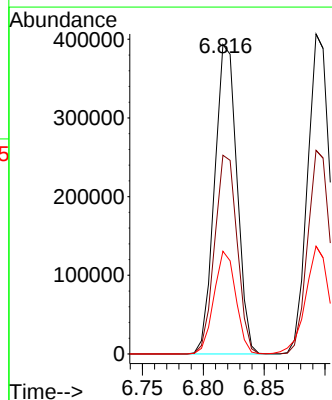
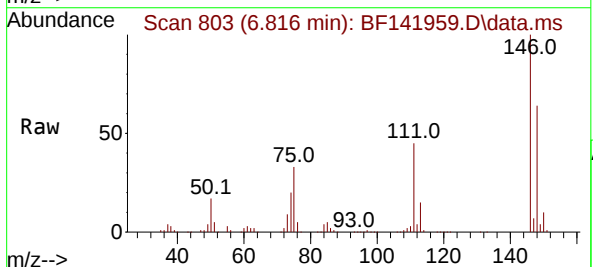
Instrument :
BNA_F
ClientSampleId :
PB167123BS

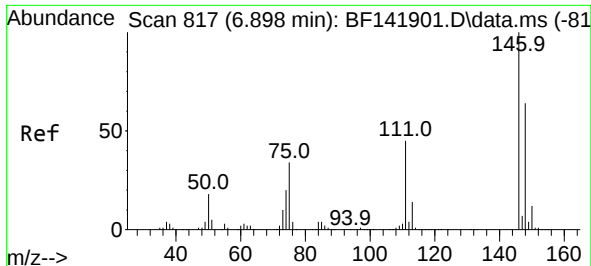
Tgt Ion: 93 Resp: 414467
Ion Ratio Lower Upper
93 100
63 73.0 53.0 93.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.784 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:146 Resp: 503900
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 33.2 26.6 40.0

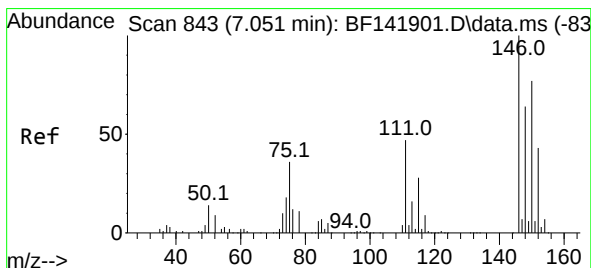
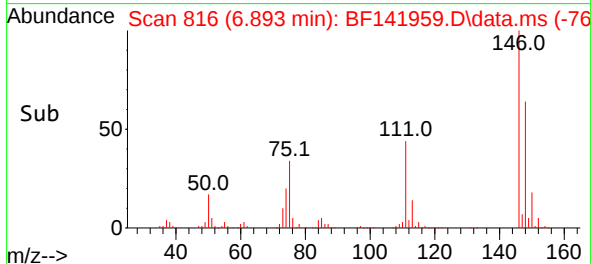
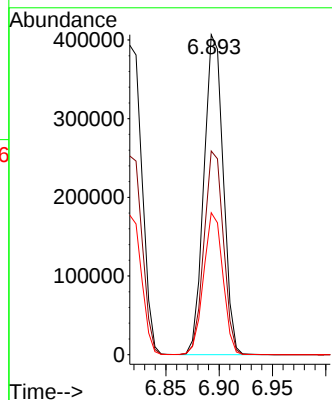
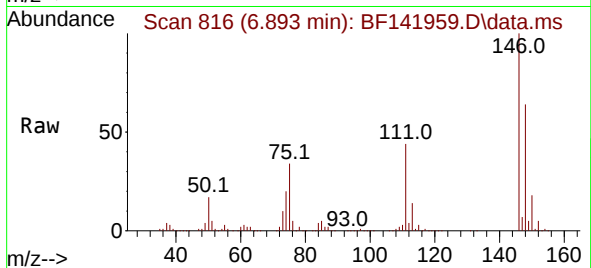




#13
1,4-Dichlorobenzene
Concen: 48.275 ng
RT: 6.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

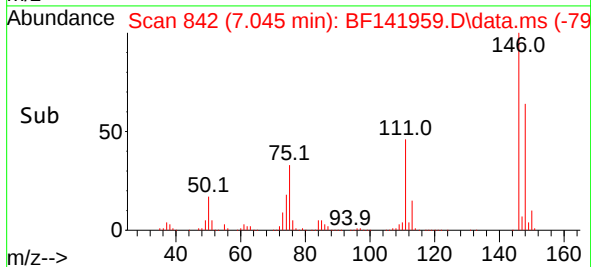
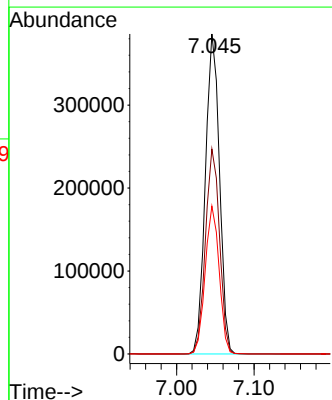
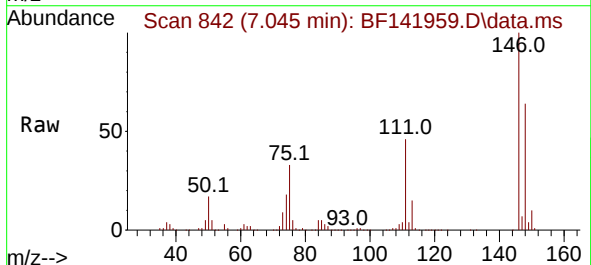
Instrument :
BNA_F
ClientSampleId :
PB167123BS

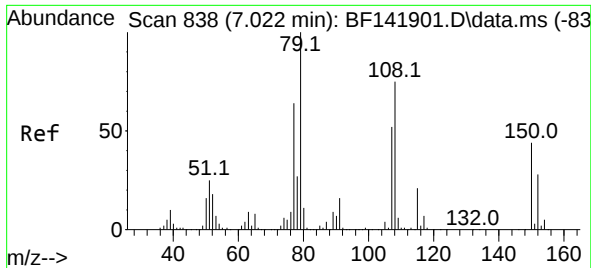
Tgt Ion:146 Resp: 515079
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 44.4 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 48.537 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:146 Resp: 487784
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 46.2 38.0 57.0

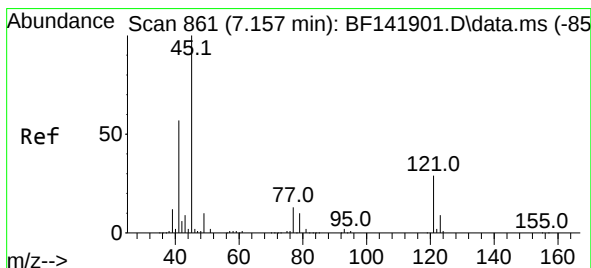
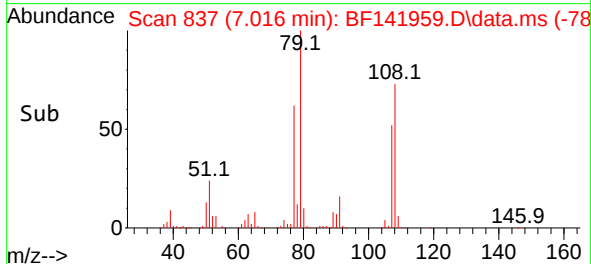
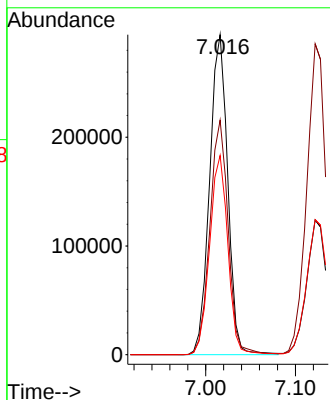
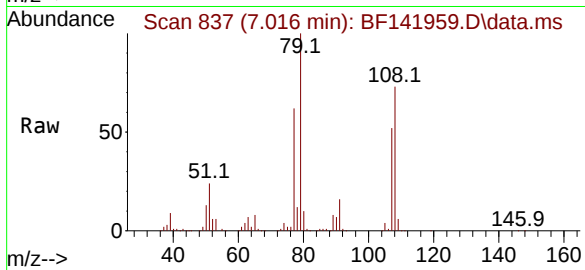




#15
Benzyl Alcohol
Concen: 45.562 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

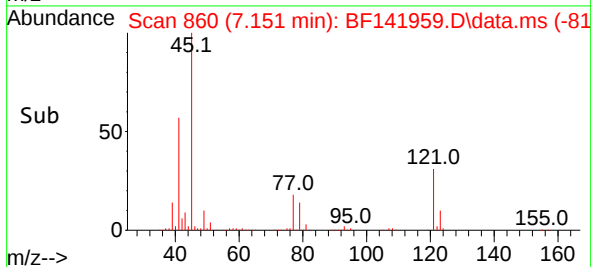
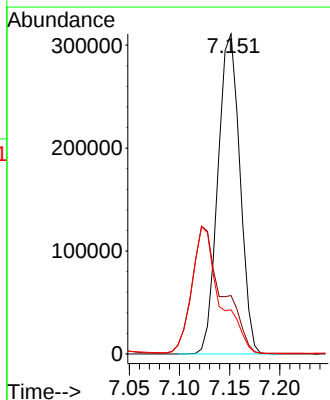
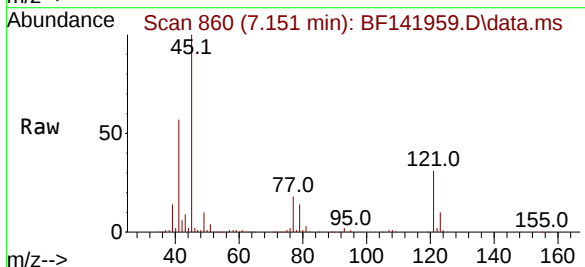
Instrument :
BNA_F
ClientSampleId :
PB167123BS

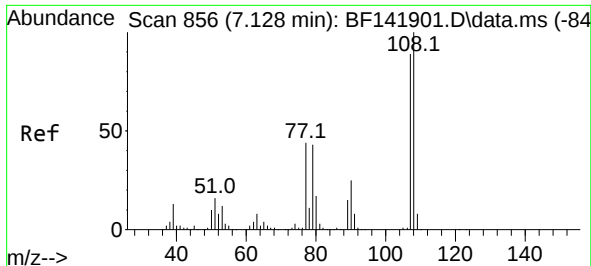
Tgt Ion: 79 Resp: 413036
Ion Ratio Lower Upper
79 100
108 73.3 59.7 89.5
77 62.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.296 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

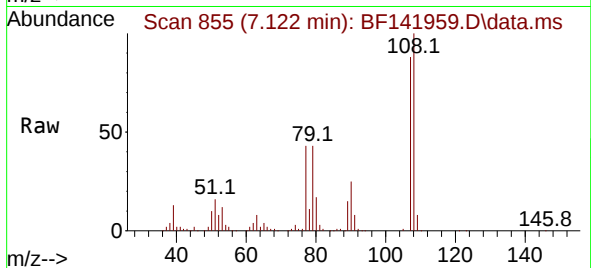
Tgt Ion: 45 Resp: 473710
Ion Ratio Lower Upper
45 100
77 18.3 0.0 37.8
79 13.8 0.0 34.2



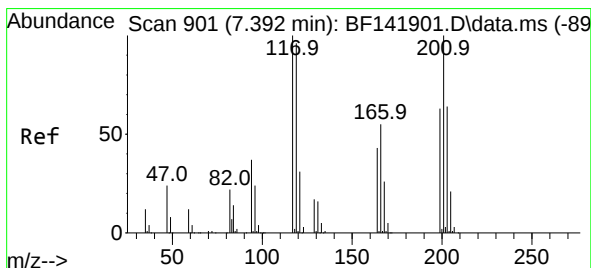
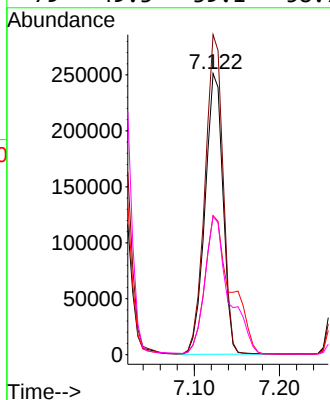
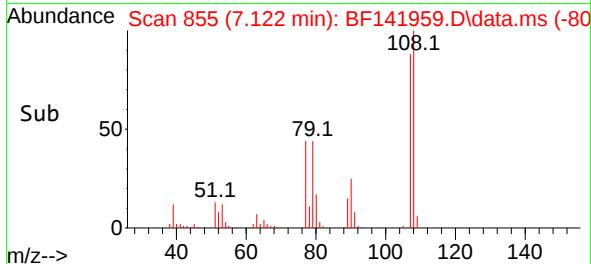


#17
2-Methylphenol
Concen: 47.320 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167123BS

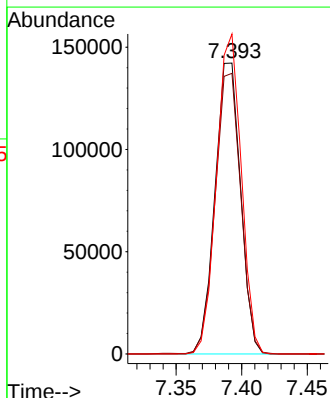
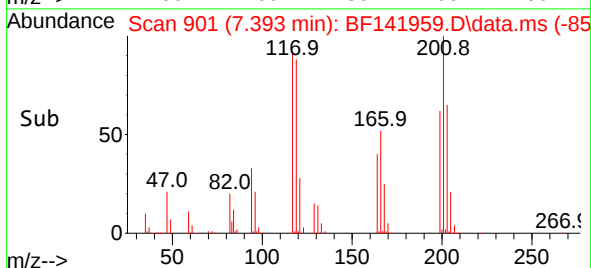
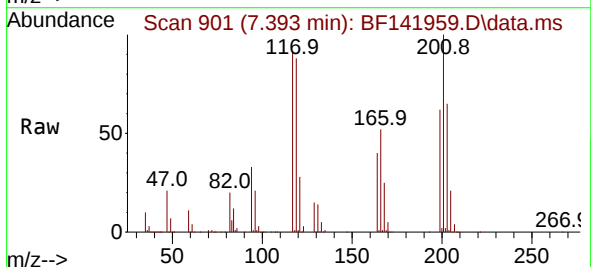


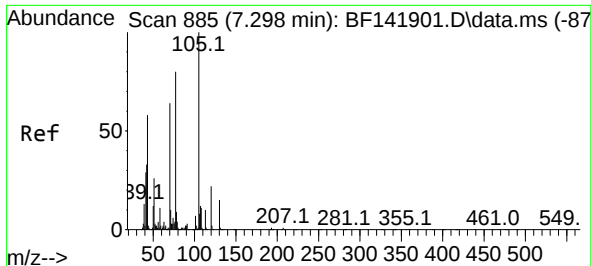
Tgt Ion:	107	Resp:	367506
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.2	135.2
77	49.5	39.6	59.4
79	49.3	39.1	58.7



#18
Hexachloroethane
Concen: 48.282 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:	117	Resp:	193179
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
201	110.0	79.9	119.9

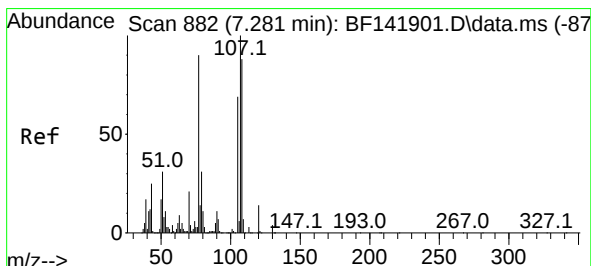
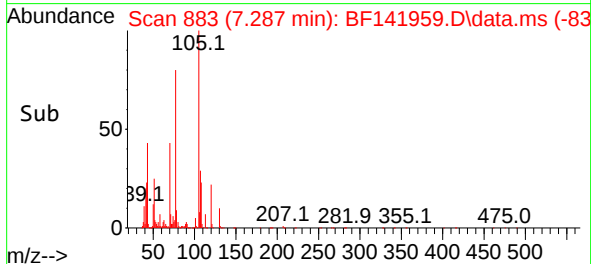
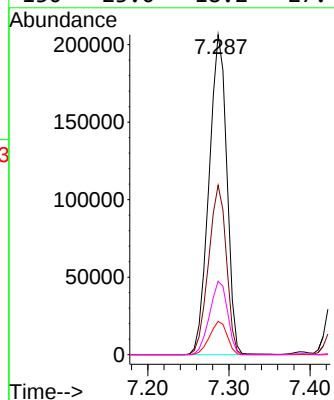
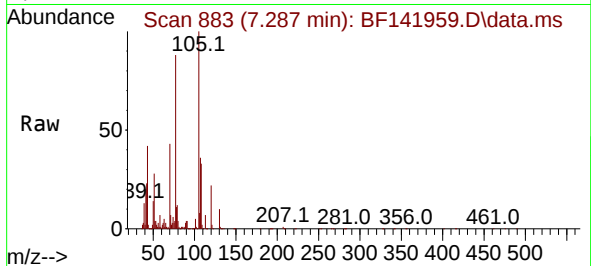




#19
n-Nitroso-di-n-propylamine
Concen: 43.640 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

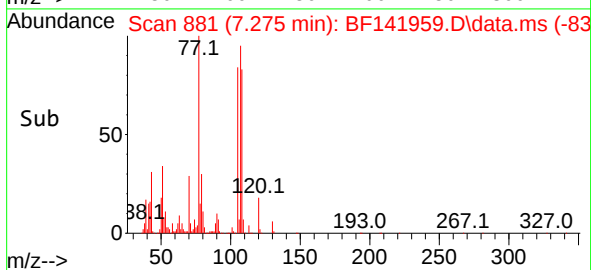
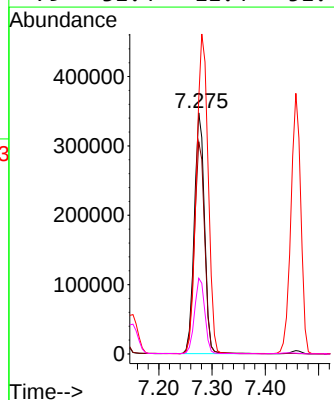
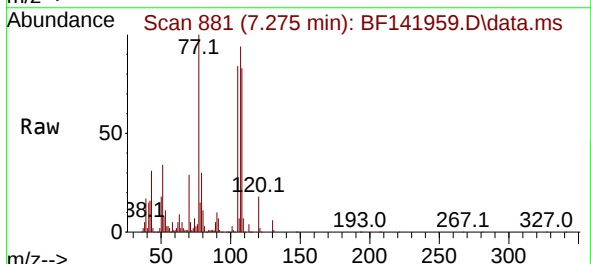
Instrument :
BNA_F
ClientSampleId :
PB167123BS

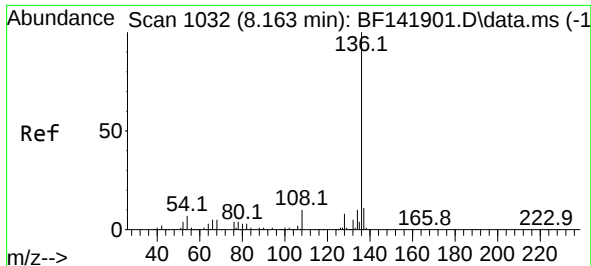
Tgt Ion: 70 Resp: 314440
Ion Ratio Lower Upper
70 100
42 52.9 41.4 62.0
101 10.4 8.2 12.2
130 23.0 18.2 27.4



#20
3+4-Methylphenols
Concen: 46.640 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion: 107 Resp: 463958
Ion Ratio Lower Upper
107 100
108 87.9 68.4 108.4
77 105.9 69.7 109.7
79 31.4 11.4 51.4



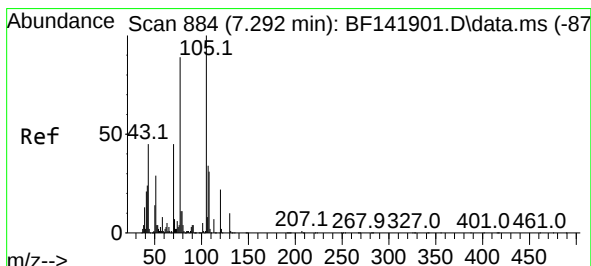
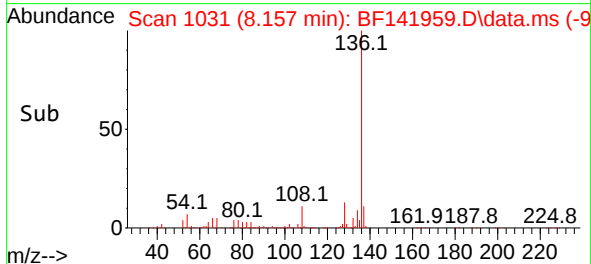
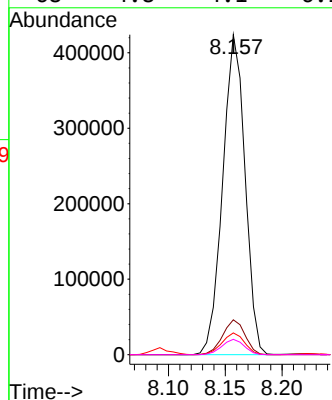
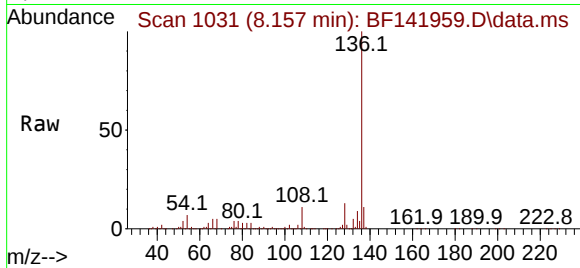


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167123BS

Tgt Ion:136 Resp: 579430

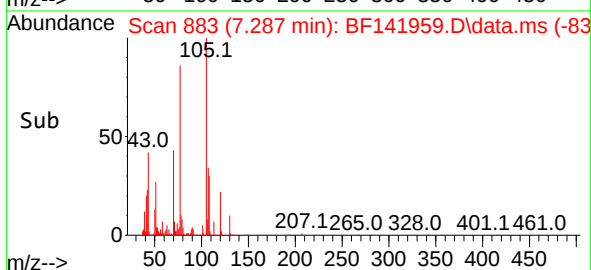
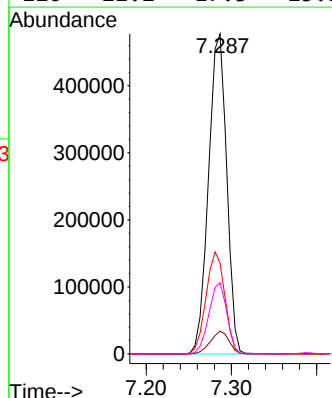
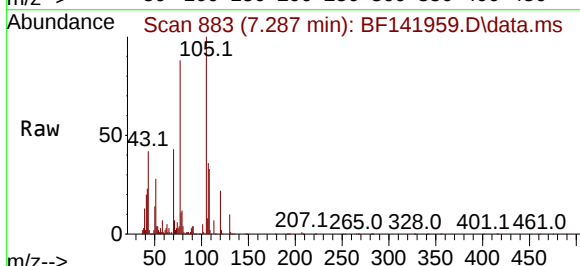
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.8	8.8
68	4.8	4.1	6.1

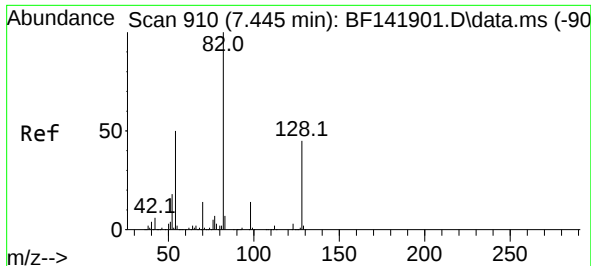


#22
Acetophenone
Concen: 51.034 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:105 Resp: 708143

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.8	8.8
51	28.4	23.4	35.0
120	22.2	17.3	25.9





#23

Nitrobenzene-d5

Concen: 102.162 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

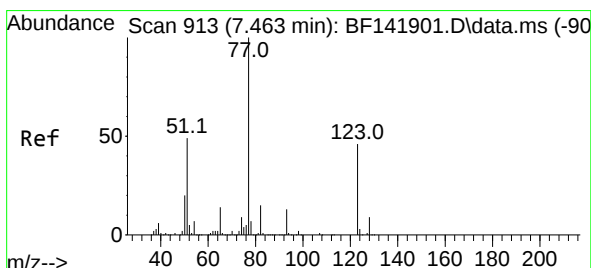
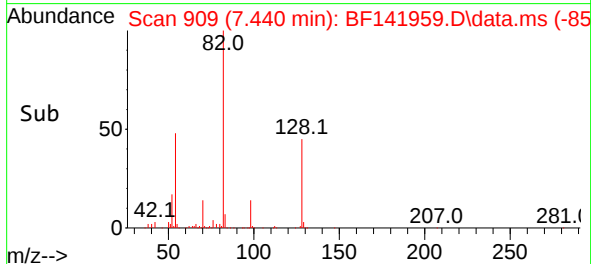
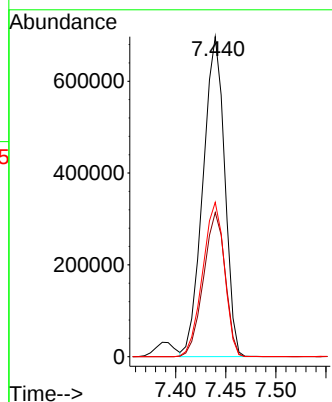
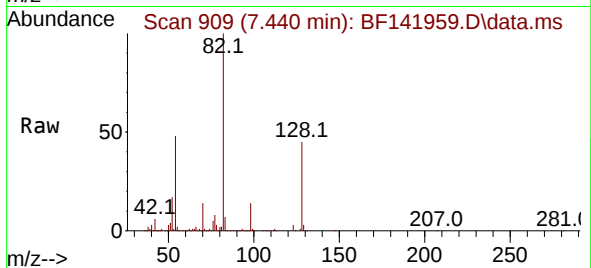
BNA_F

ClientSampleId :

PB167123BS

Tgt Ion: 82 Resp: 1051880

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.0	54.0
54	48.2	39.6	59.4



#24

Nitrobenzene

Concen: 47.419 ng

RT: 7.457 min Scan# 912

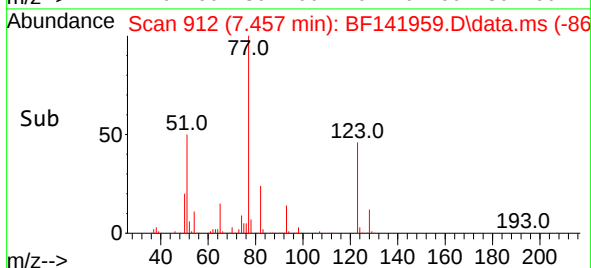
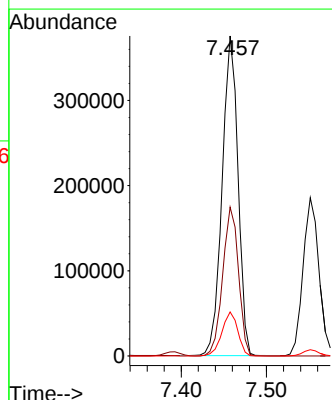
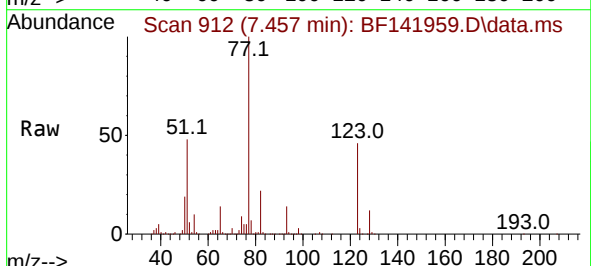
Delta R.T. -0.006 min

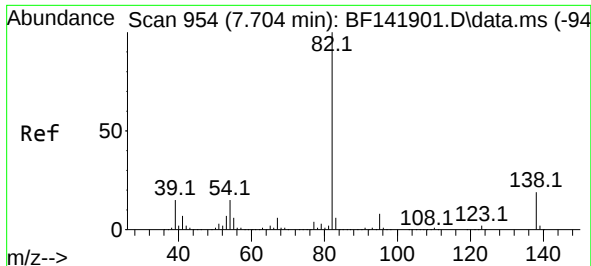
Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Tgt Ion: 77 Resp: 485361

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.4
65	13.7	11.3	16.9

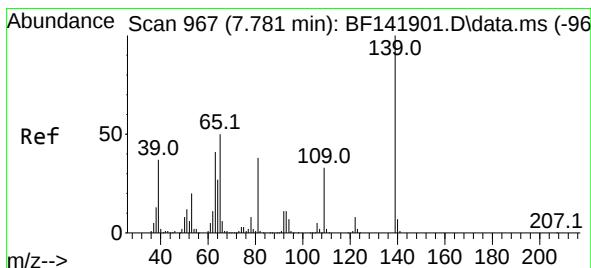
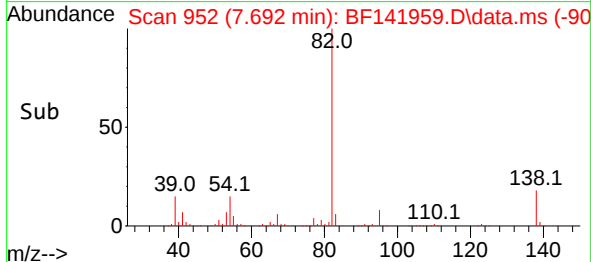
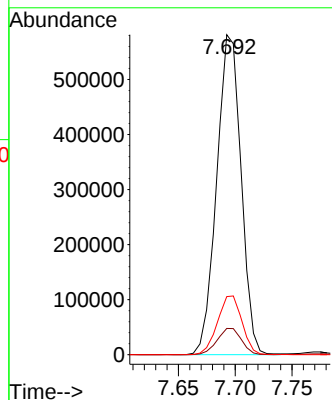
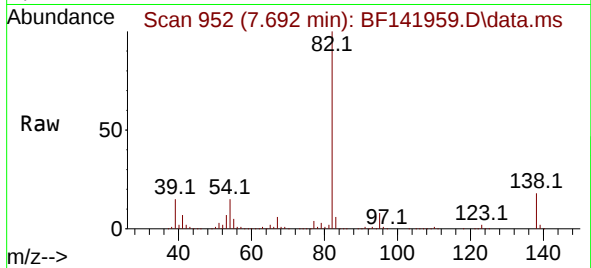




#25
Isophorone
Concen: 47.756 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

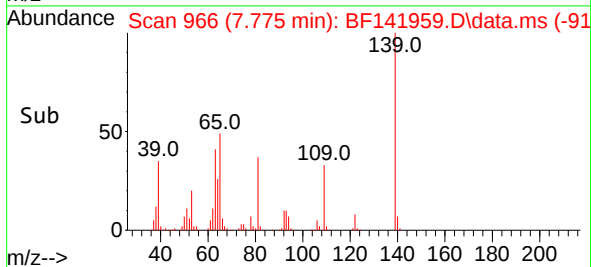
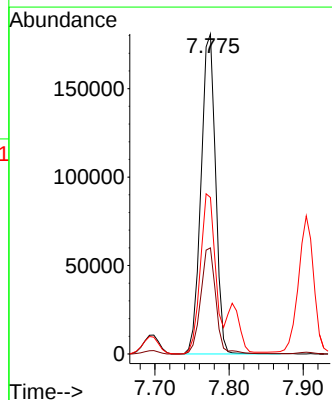
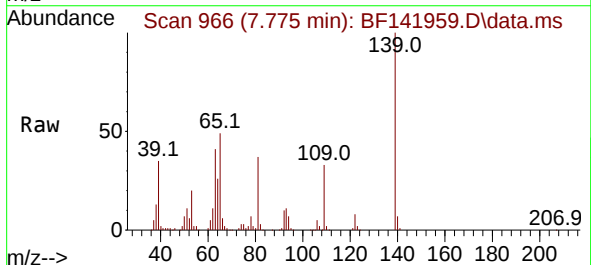
Instrument :
BNA_F
ClientSampleId :
PB167123BS

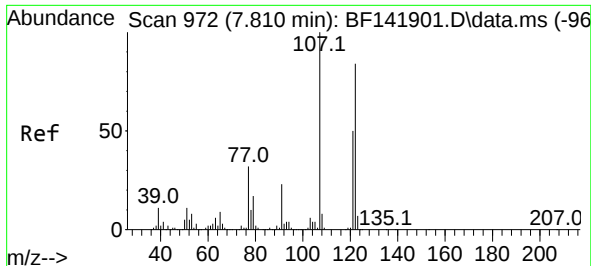
Tgt Ion: 82 Resp: 869167
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 49.270 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion: 139 Resp: 247516
Ion Ratio Lower Upper
139 100
109 33.2 26.5 39.7
65 48.9 40.3 60.5

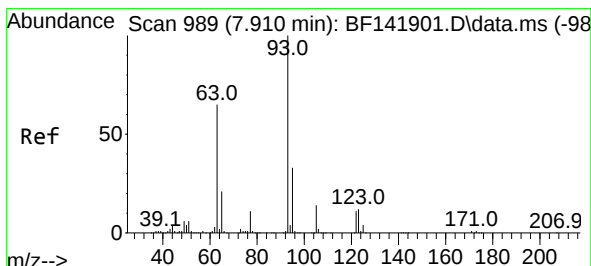
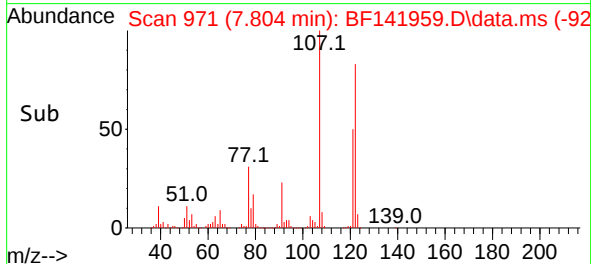
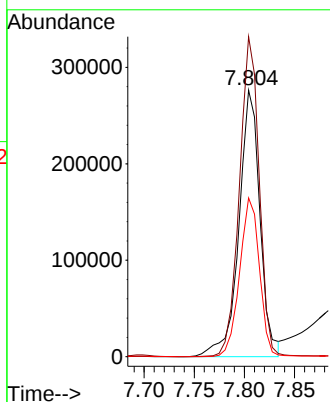
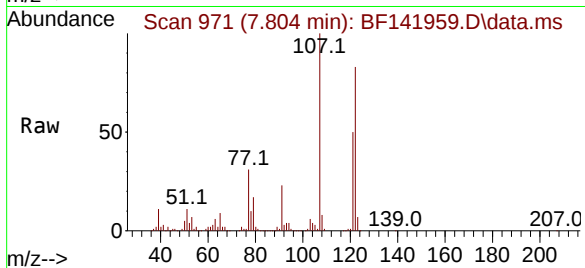




#27
2,4-Dimethylphenol
Concen: 58.447 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

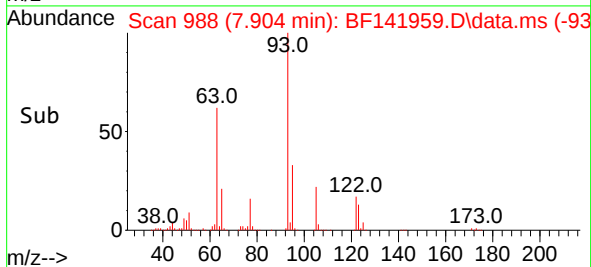
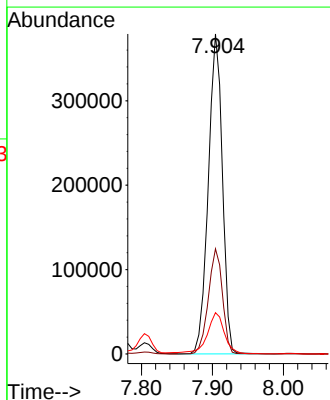
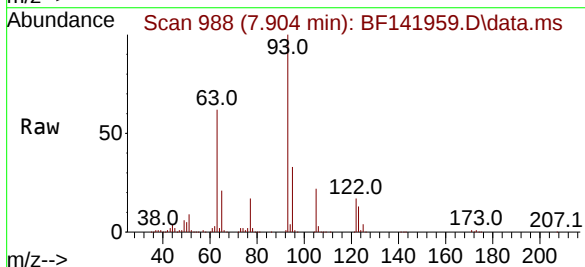
Instrument :
BNA_F
ClientSampleId :
PB167123BS

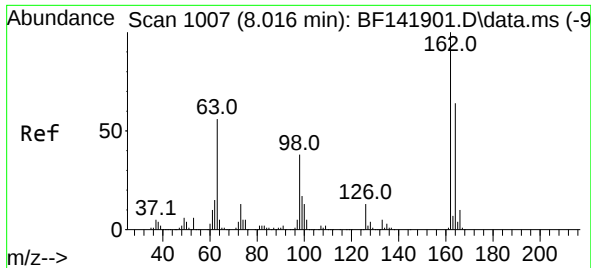
Tgt Ion:122 Resp: 404304
Ion Ratio Lower Upper
122 100
107 120.1 94.8 142.2
121 59.6 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 45.742 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion: 93 Resp: 522165
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.482 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

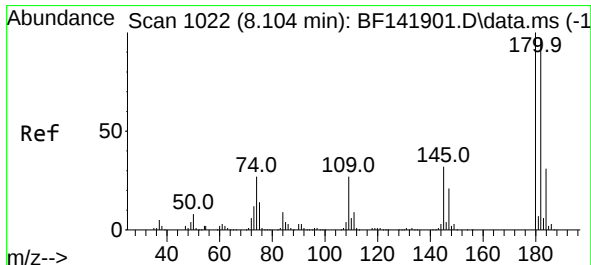
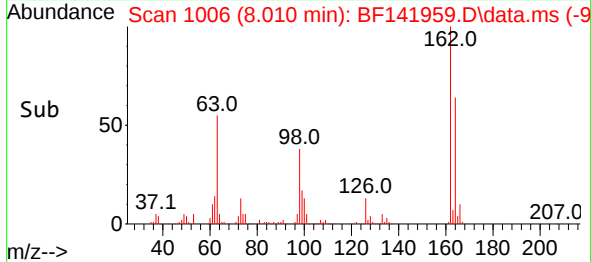
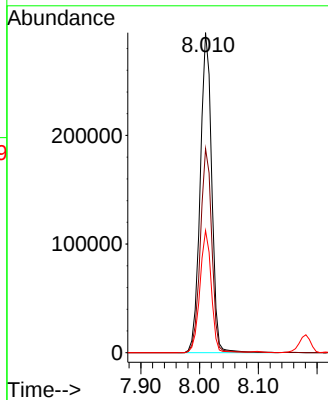
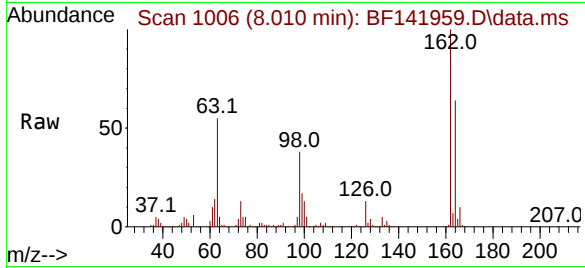
Tgt Ion:162 Resp: 399100

Ion Ratio Lower Upper

162 100

164 63.8 43.8 83.8

98 38.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 47.333 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

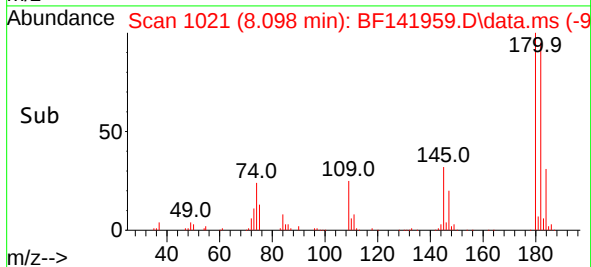
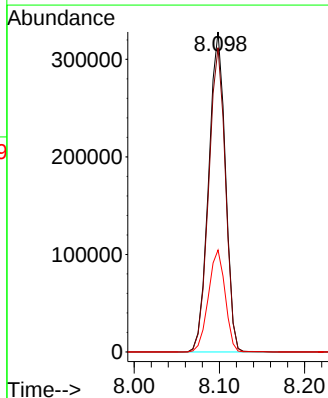
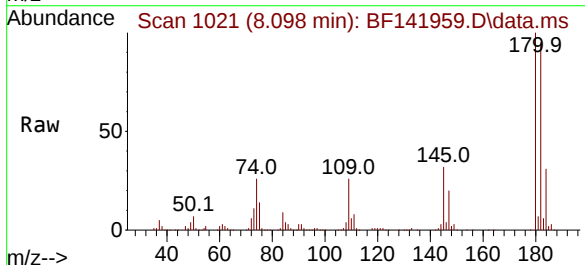
Tgt Ion:180 Resp: 447871

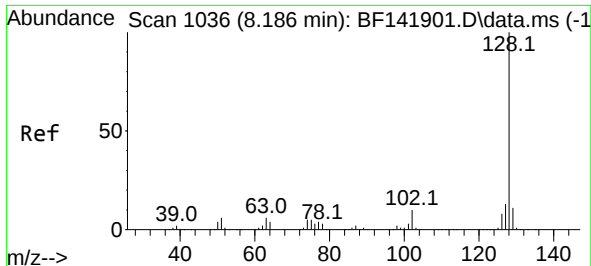
Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

145 31.9 25.8 38.6

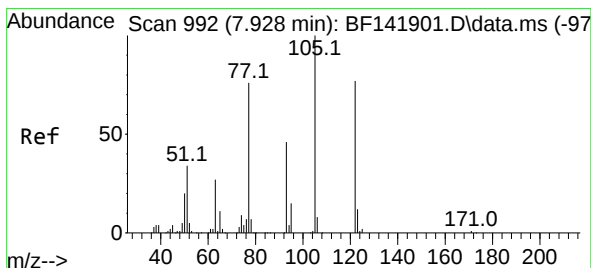
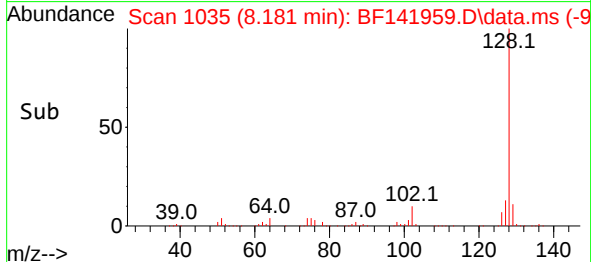
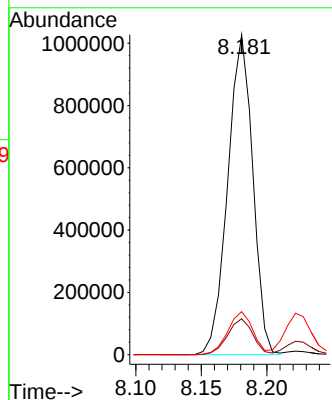
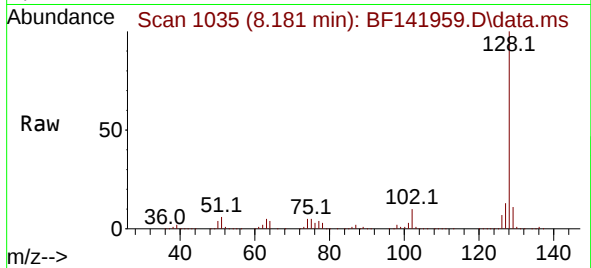




#31
Naphthalene
Concen: 45.803 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

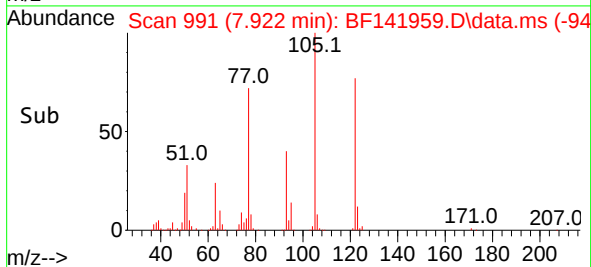
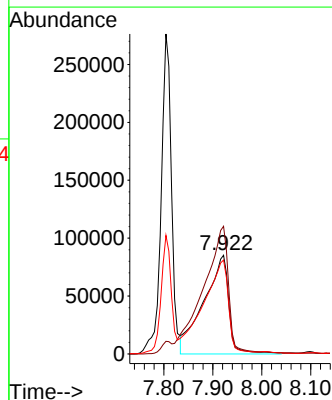
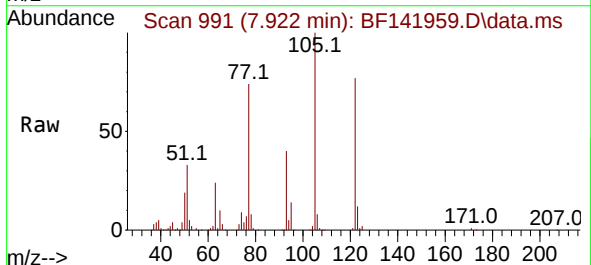
Instrument :
BNA_F
ClientSampleId :
PB167123BS

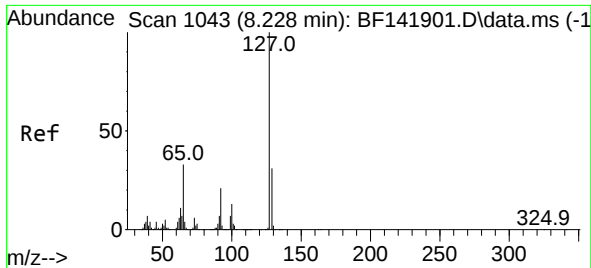
Tgt Ion:128 Resp: 1363293
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 49.984 ng m
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:122 Resp: 303933
Ion Ratio Lower Upper
122 100
105 129.4 107.9 147.9
77 95.2 79.0 119.0

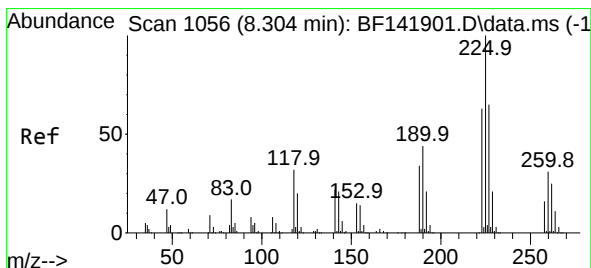
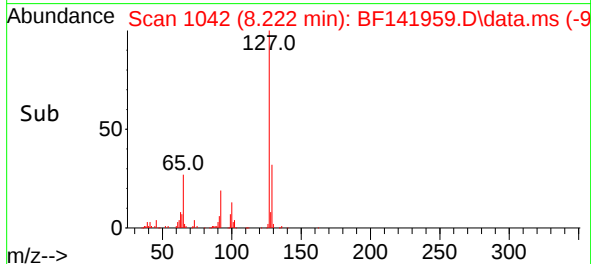
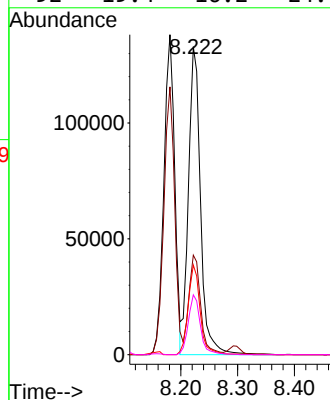
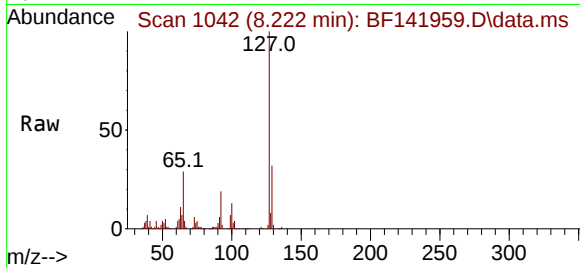




#33
4-Chloroaniline
Concen: 18.737 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

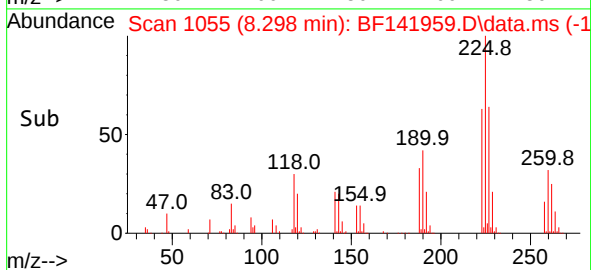
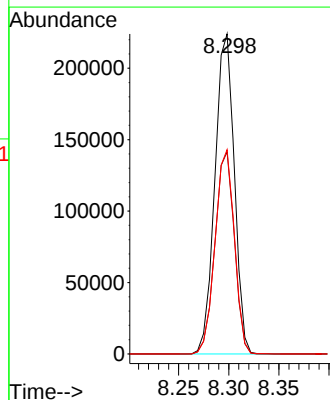
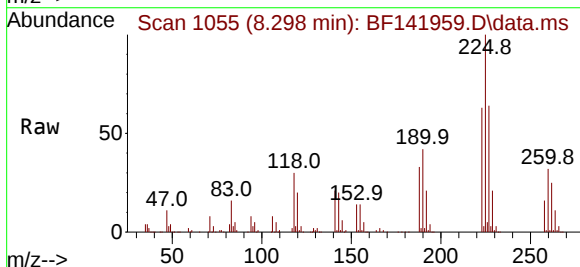
Instrument :
BNA_F
ClientSampleId :
PB167123BS

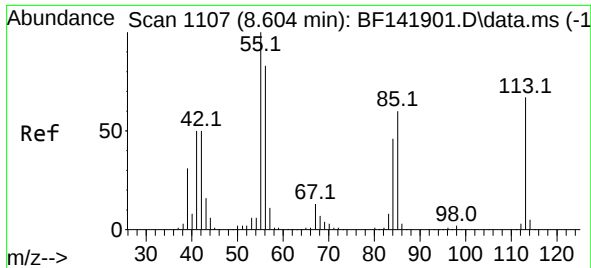
Tgt Ion:127	Resp: 196874
Ion Ratio	Lower Upper
127 100	
129 32.3	26.2 39.4
65 29.1	25.4 38.2
92 19.4	16.2 24.4



#34
Hexachlorobutadiene
Concen: 48.743 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt	Ion:225	Resp:	300781
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	63.9	52.2	78.2

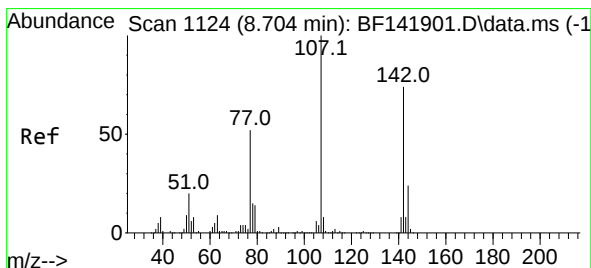
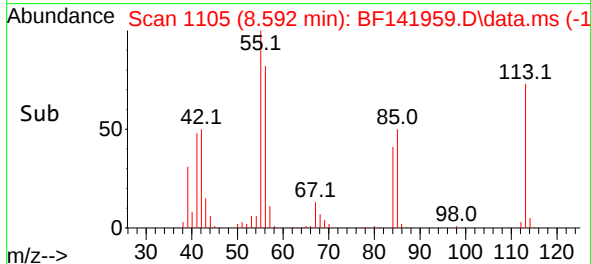
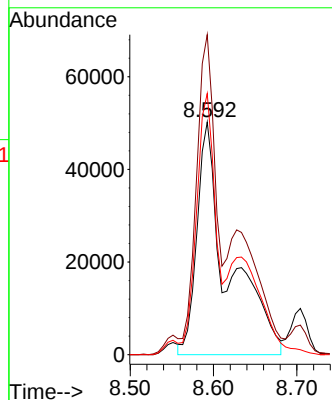
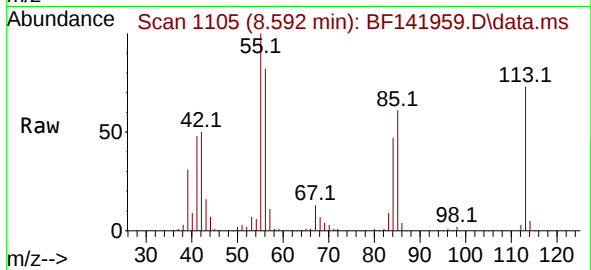




#35
Caprolactam
Concen: 49.681 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

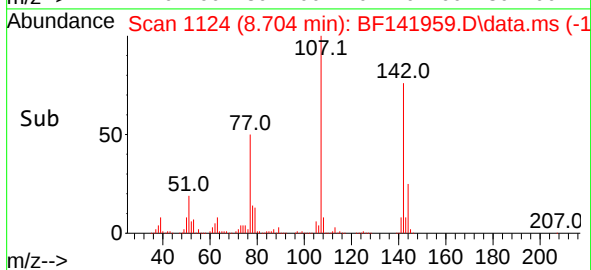
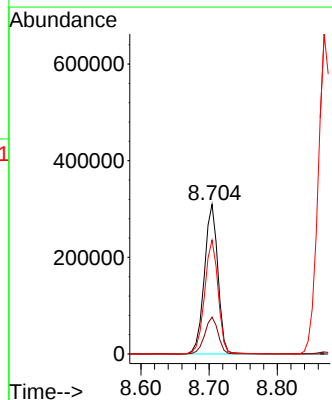
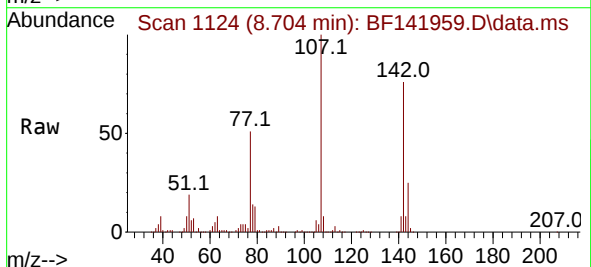
Instrument :
BNA_F
ClientSampleId :
PB167123BS

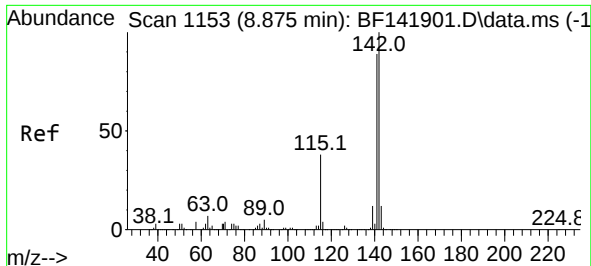
Tgt Ion:113 Resp: 130049
Ion Ratio Lower Upper
113 100
55 137.5 129.6 169.6
56 112.2 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 44.756 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:107 Resp: 428670
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 76.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 44.536 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

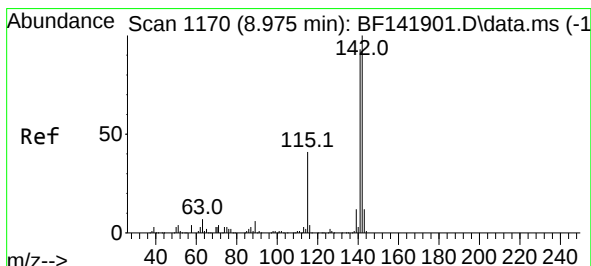
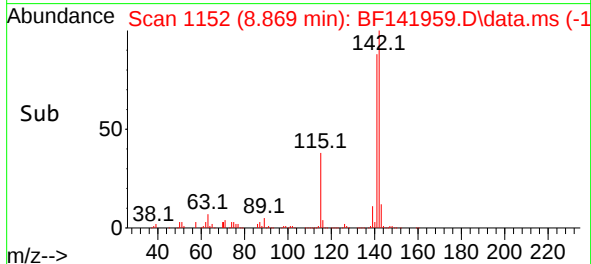
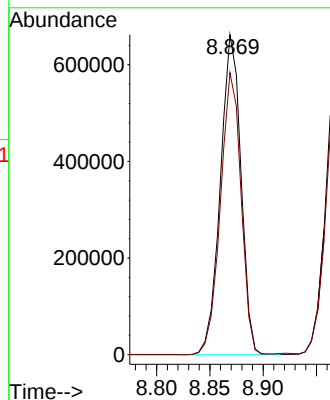
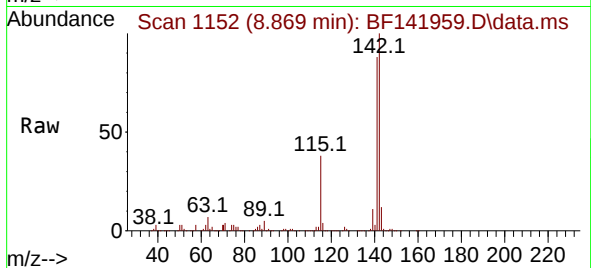
PB167123BS

Tgt Ion:142 Resp: 886045

Ion Ratio Lower Upper

142 100

141 88.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 44.572 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141959.D

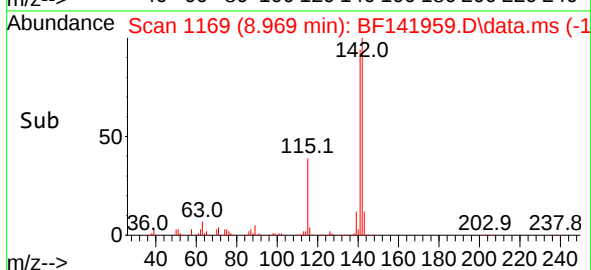
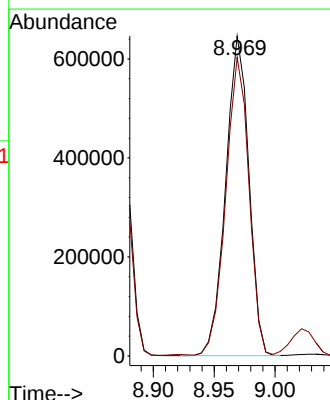
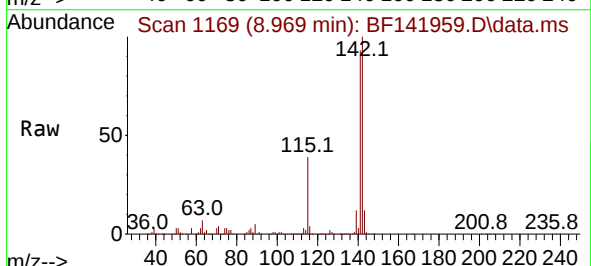
Acq: 14 Mar 2025 12:08

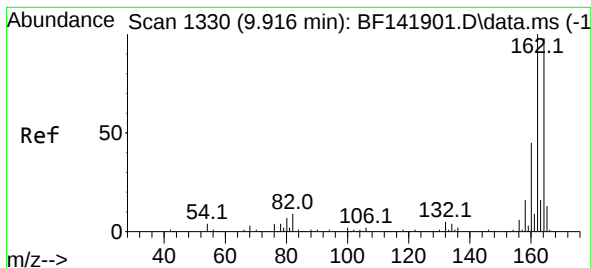
Tgt Ion:142 Resp: 855698

Ion Ratio Lower Upper

142 100

141 93.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

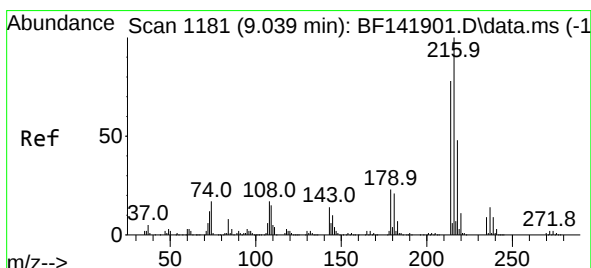
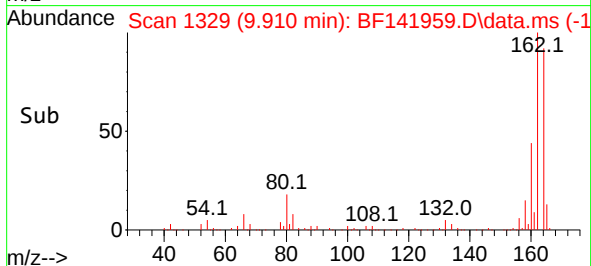
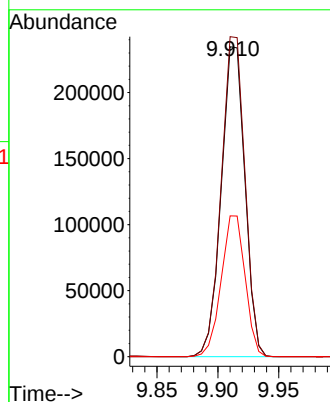
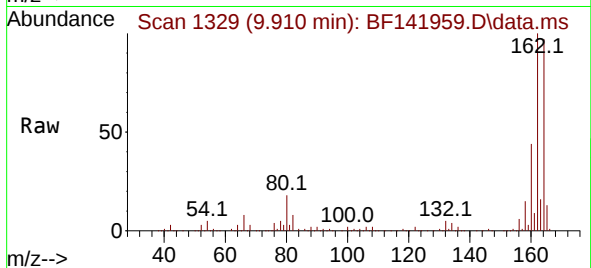
Tgt Ion:164 Resp: 317948

Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 45.4 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.426 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Tgt Ion:216 Resp: 526860

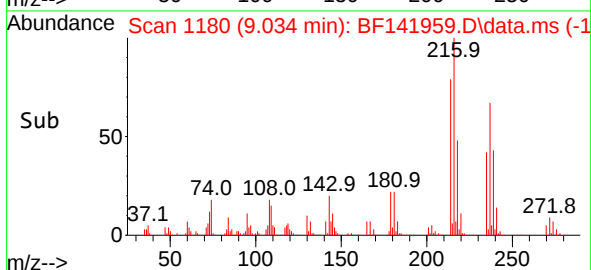
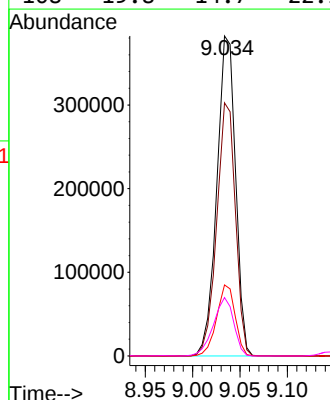
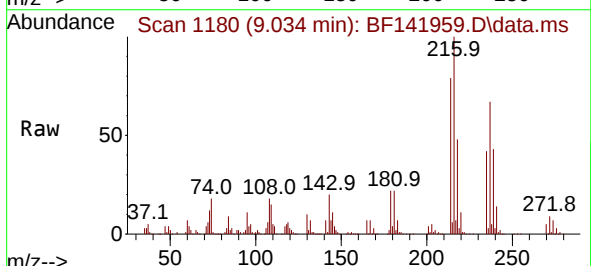
Ion Ratio Lower Upper

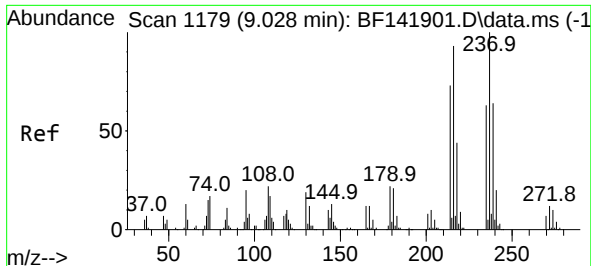
216 100

214 78.8 61.9 92.9

179 21.9 18.1 27.1

108 19.8 14.7 22.1

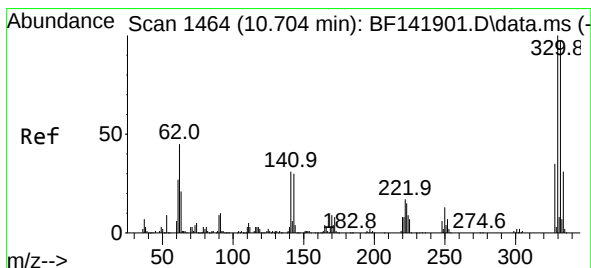
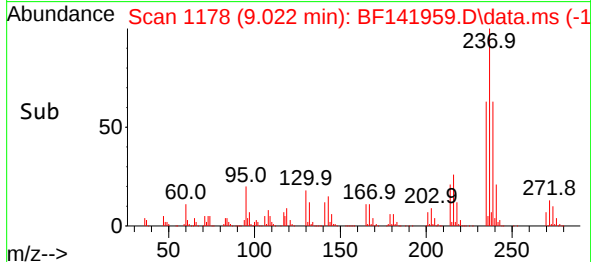
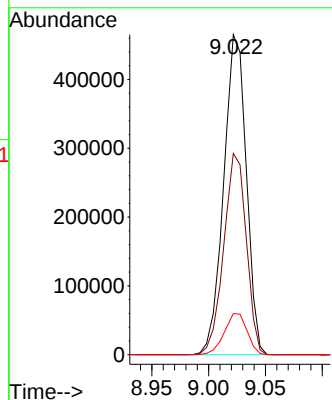
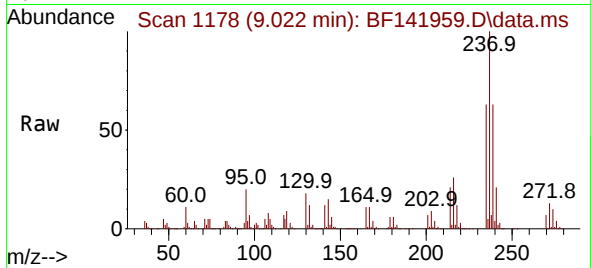




#41
Hexachlorocyclopentadiene
Concen: 170.106 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

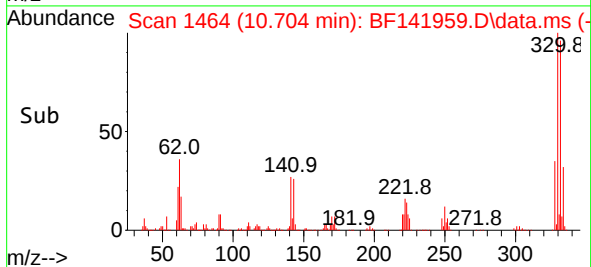
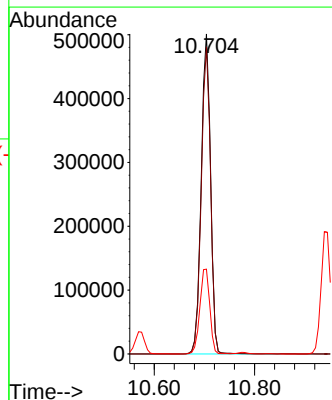
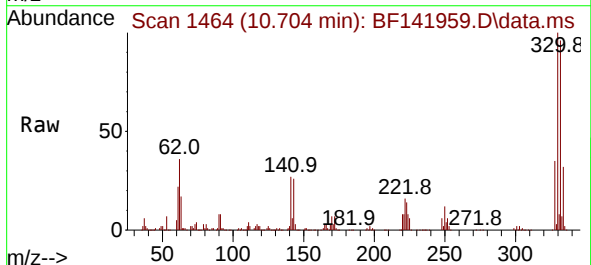
Instrument :
BNA_F
ClientSampleId :
PB167123BS

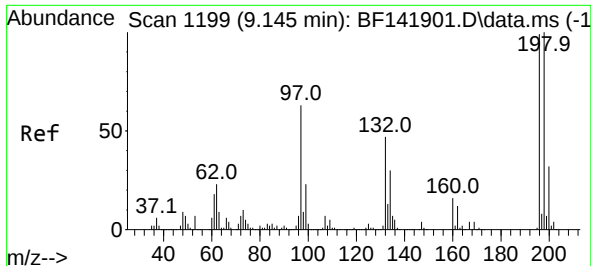
Tgt Ion:237 Resp: 644437
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 160.171 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:330 Resp: 646063
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 28.2 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 48.841 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

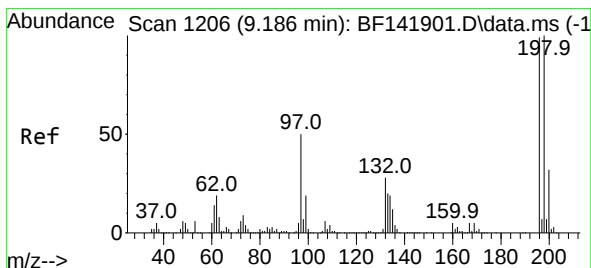
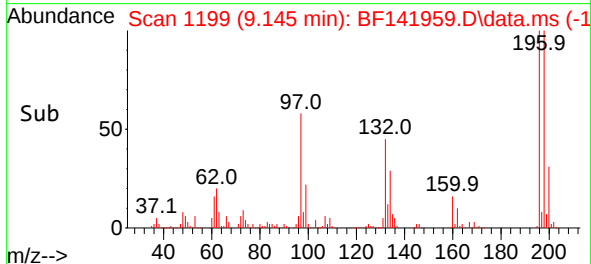
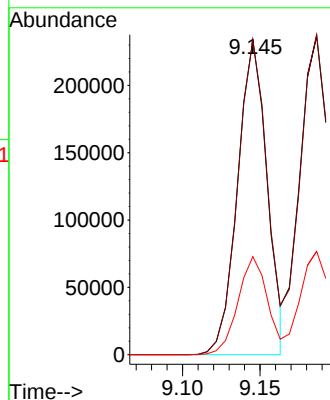
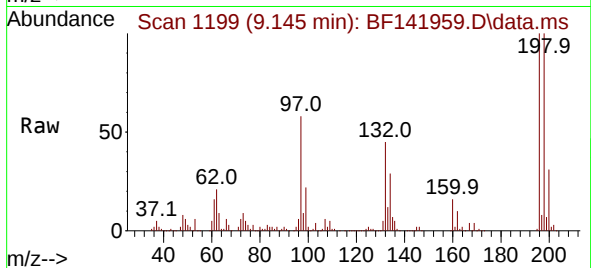
Tgt Ion:196 Resp: 308988

Ion Ratio Lower Upper

196 100

198 100.0 80.6 121.0

200 31.2 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 49.451 ng

RT: 9.187 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Tgt Ion:196 Resp: 316851

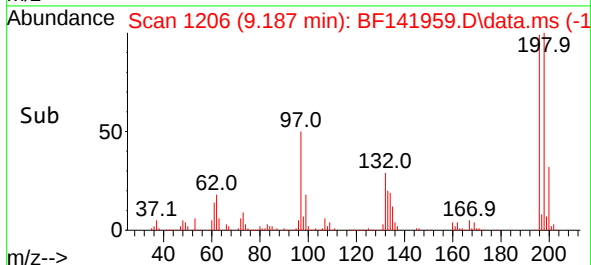
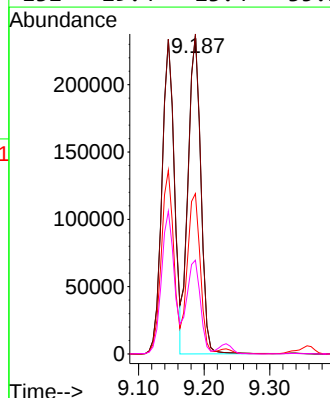
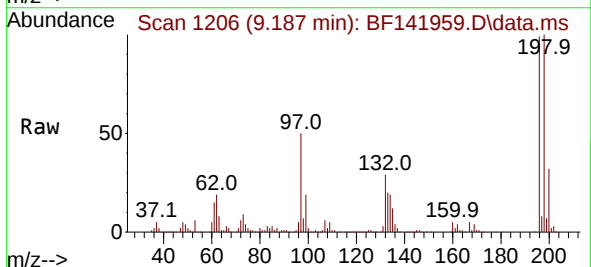
Ion Ratio Lower Upper

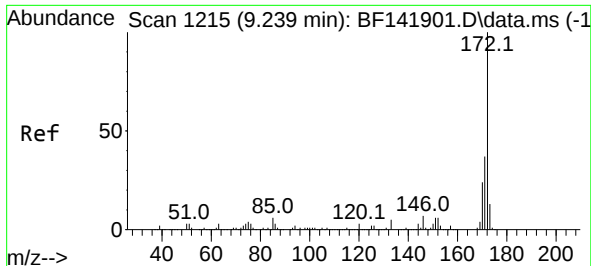
196 100

198 100.5 80.7 121.1

97 50.4 42.1 63.1

132 29.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 104.073 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

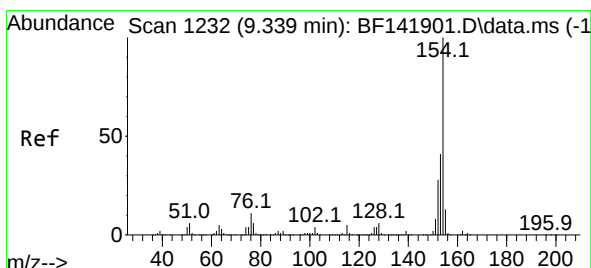
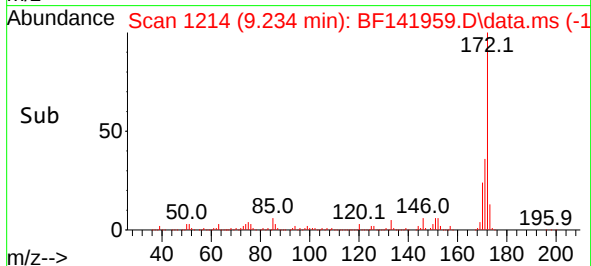
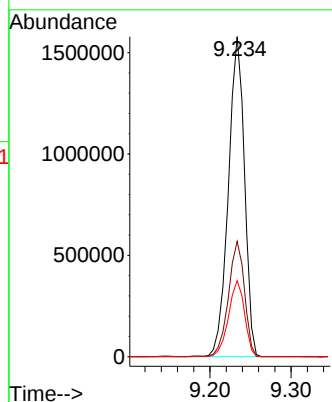
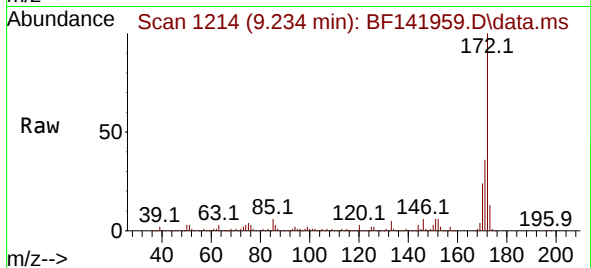
Tgt Ion:172 Resp: 2175801

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 52.436 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

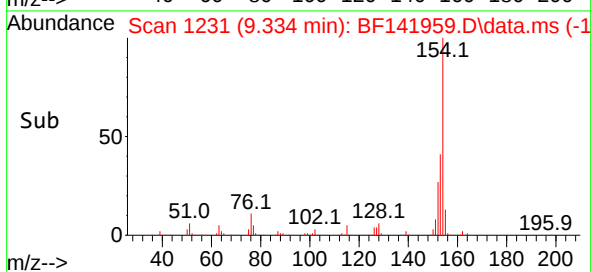
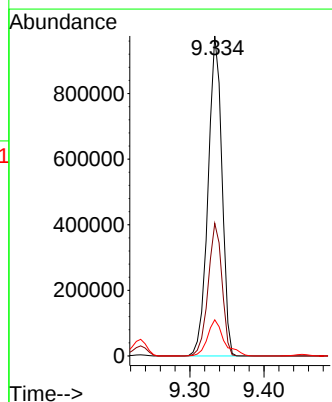
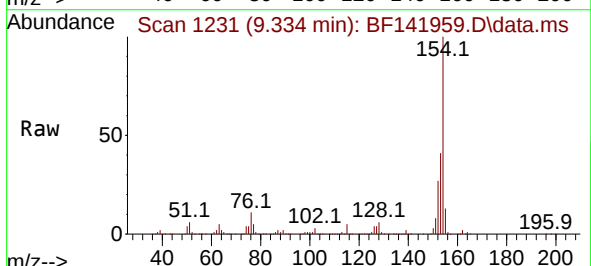
Tgt Ion:154 Resp: 1266768

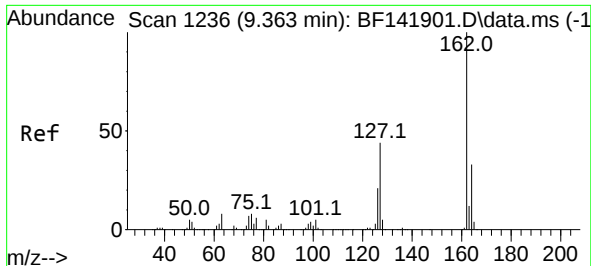
Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

76 11.3 0.0 31.3





#47

2-Chloronaphthalene

Concen: 48.166 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

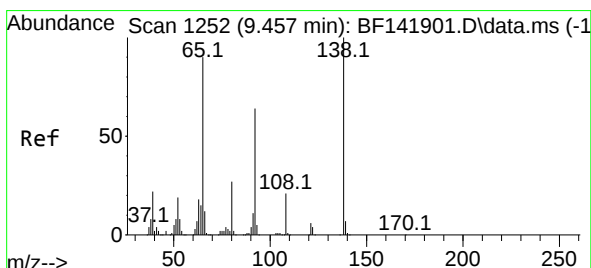
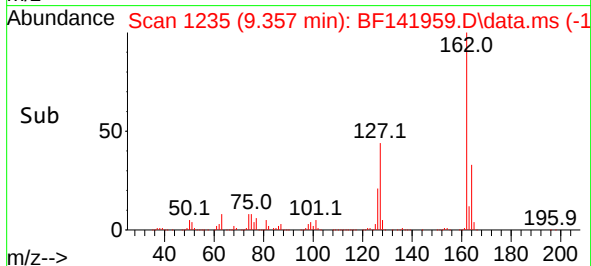
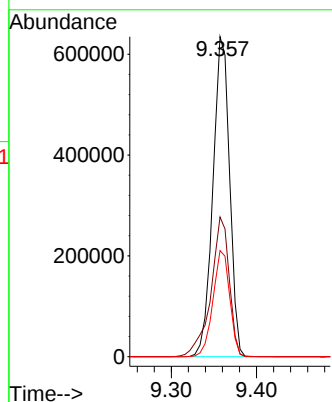
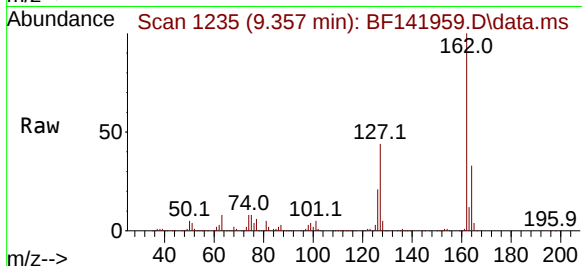
Tgt Ion:162 Resp: 867290

Ion Ratio Lower Upper

162 100

127 43.7 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 47.733 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

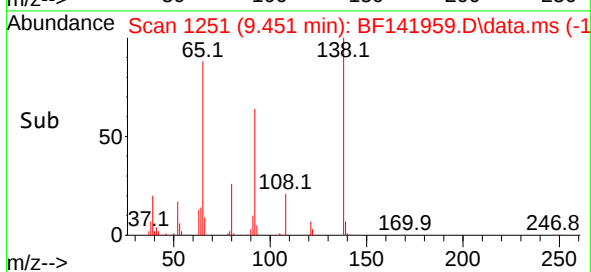
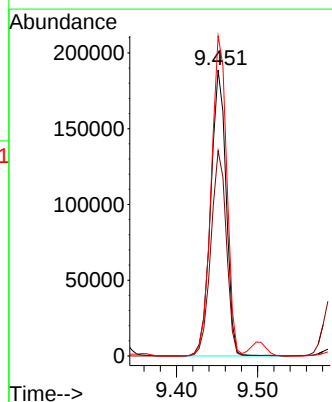
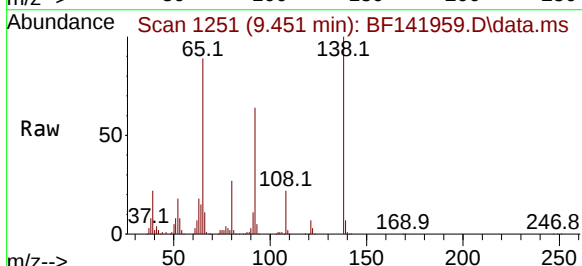
Tgt Ion: 65 Resp: 248859

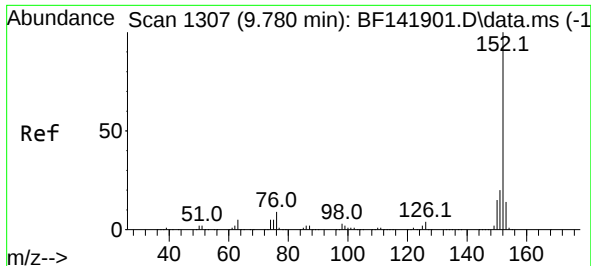
Ion Ratio Lower Upper

65 100

92 71.8 56.6 84.8

138 111.9 88.6 133.0

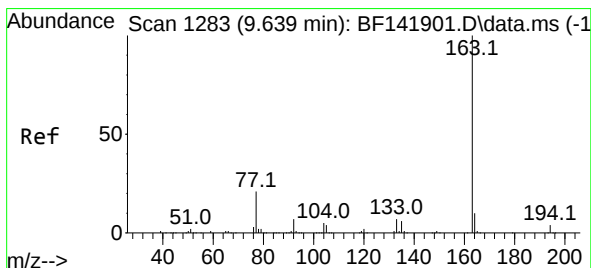
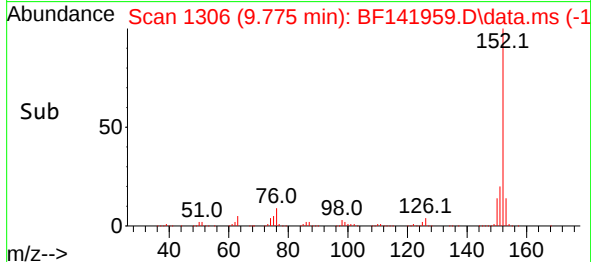
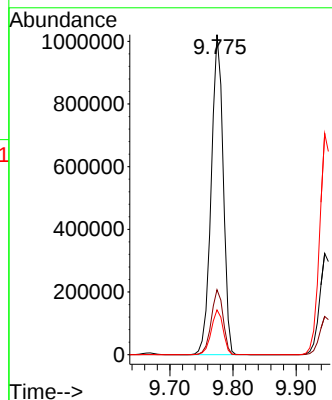
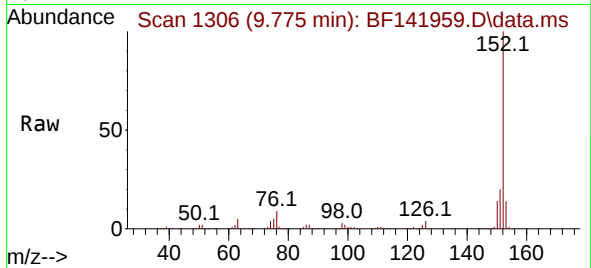




#49
Acenaphthylene
Concen: 50.058 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

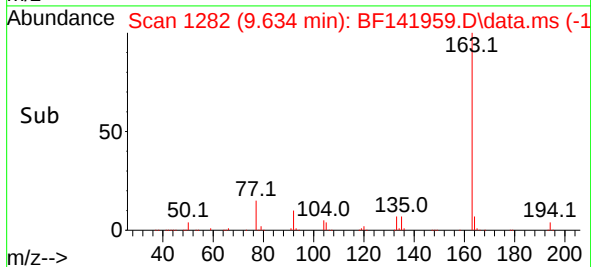
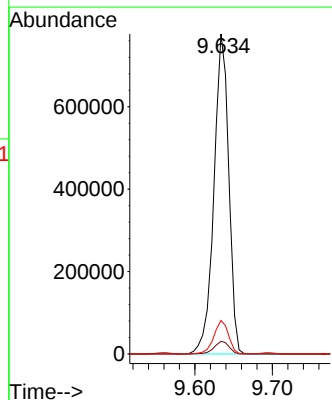
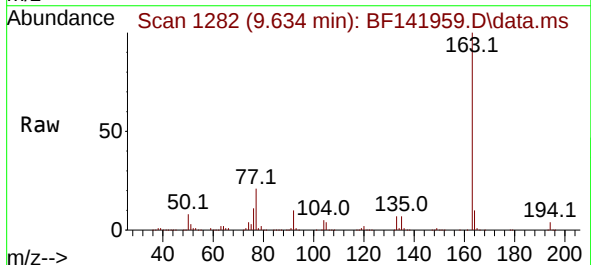
Instrument :
BNA_F
ClientSampleId :
PB167123BS

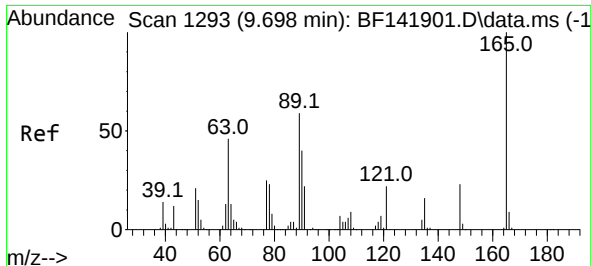
Tgt Ion:152 Resp: 1337571
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 11.1 16.7



#50
Dimethylphthalate
Concen: 46.322 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:163 Resp: 1031360
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4

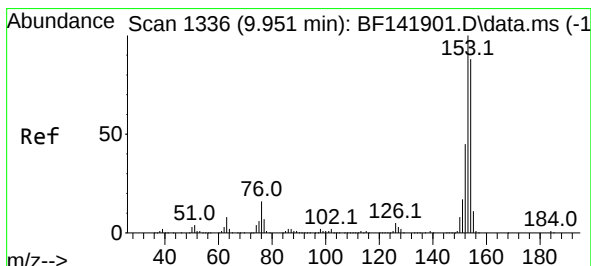
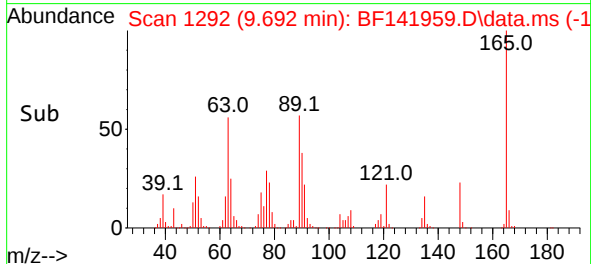
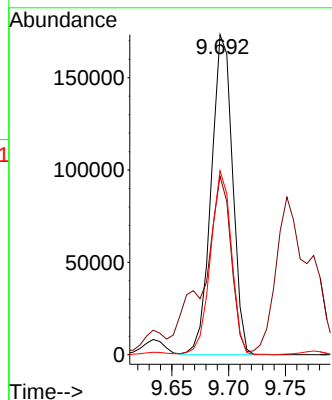
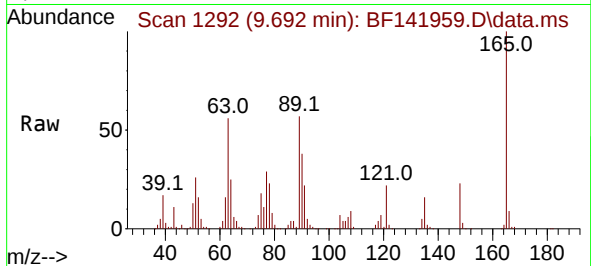




#51
2,6-Dinitrotoluene
Concen: 48.739 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

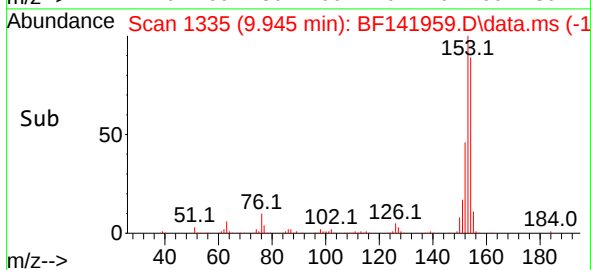
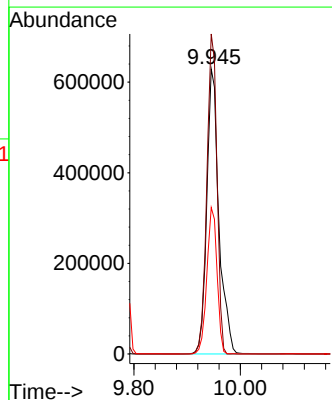
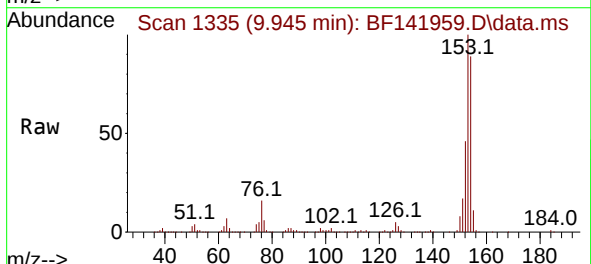
Instrument :
BNA_F
ClientSampleId :
PB167123BS

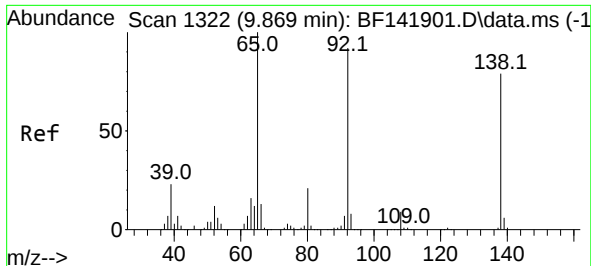
Tgt Ion:165 Resp: 225946
Ion Ratio Lower Upper
165 100
63 55.7 47.0 70.4
89 57.4 47.4 71.2



#52
Acenaphthene
Concen: 53.019 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:154 Resp: 995597
Ion Ratio Lower Upper
154 100
153 112.3 90.7 136.1
152 51.4 41.1 61.7

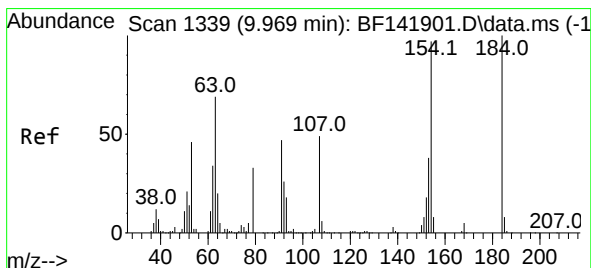
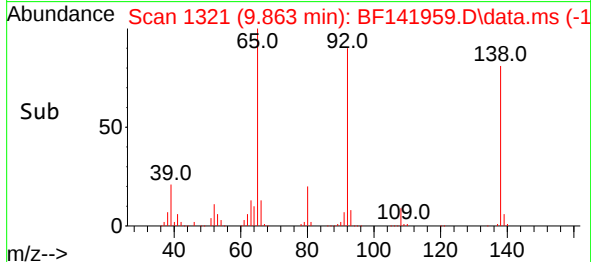
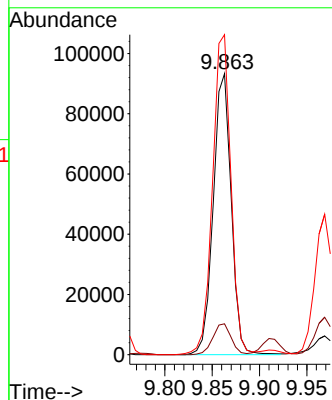
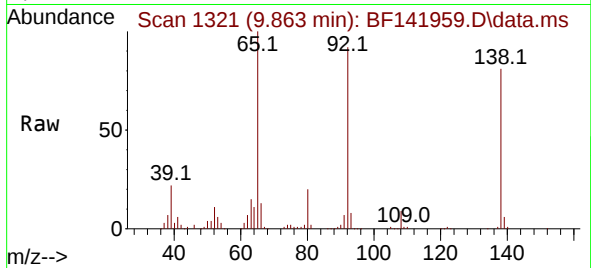




#53
3-Nitroaniline
Concen: 26.231 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

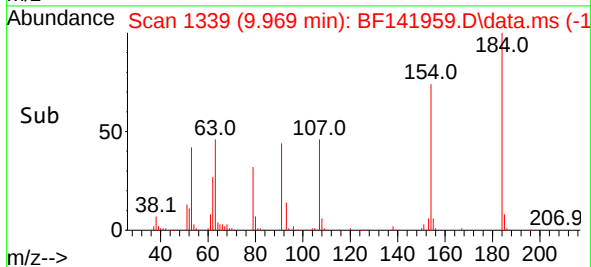
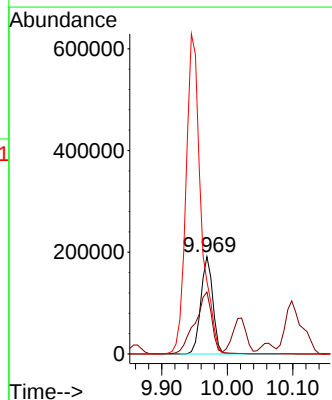
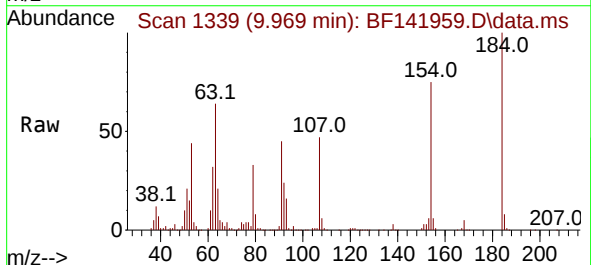
Instrument :
BNA_F
ClientSampleId :
PB167123BS

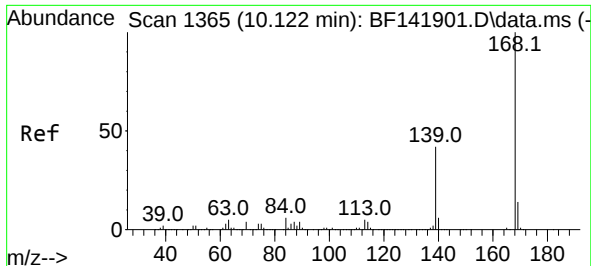
Tgt Ion:138 Resp: 123349
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 113.9 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 91.888 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

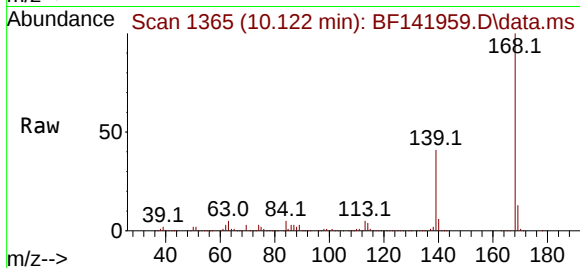
Tgt Ion:184 Resp: 244830
Ion Ratio Lower Upper
184 100
63 63.7 60.2 90.4
154 74.6 132.9 199.3#



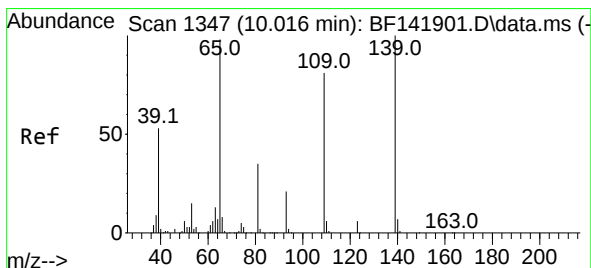
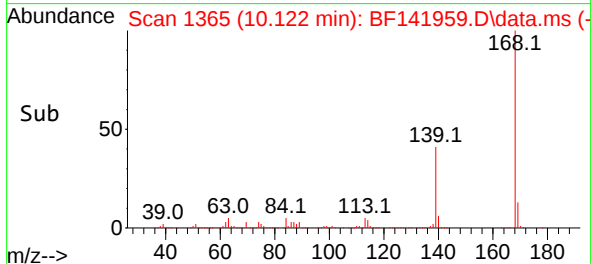
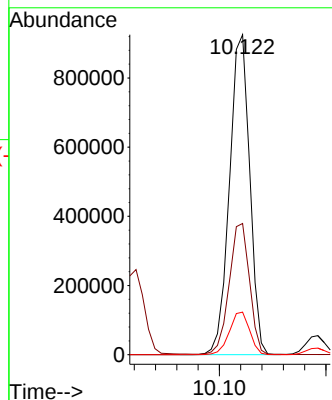


#55
Dibenzofuran
Concen: 45.526 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167123BS

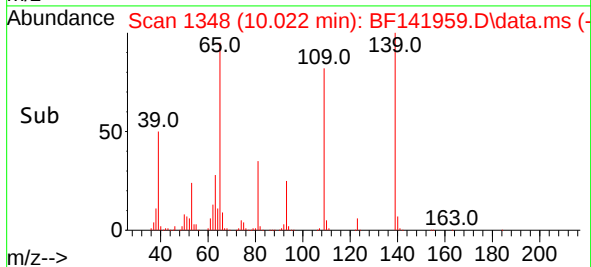
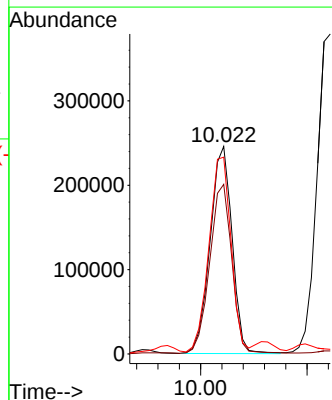
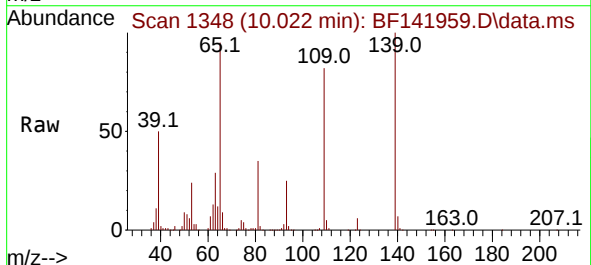


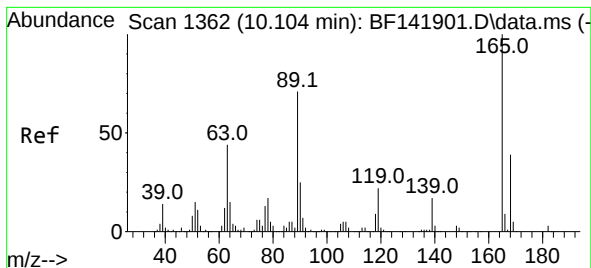
Tgt Ion:168 Resp: 1221524
Ion Ratio Lower Upper
168 100
139 41.0 33.9 50.9
169 13.3 11.0 16.4



#56
4-Nitrophenol
Concen: 99.281 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:139 Resp: 352071
Ion Ratio Lower Upper
139 100
109 81.7 61.6 101.6
65 94.8 79.4 119.4

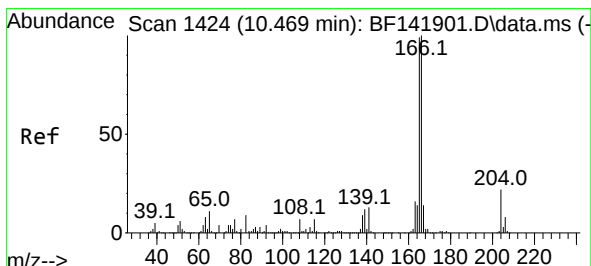
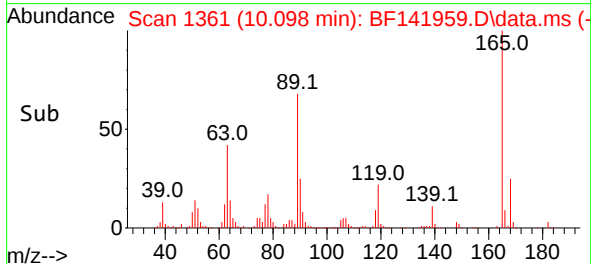
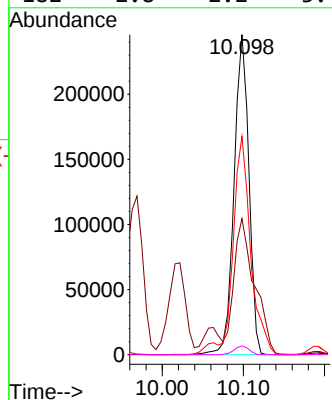
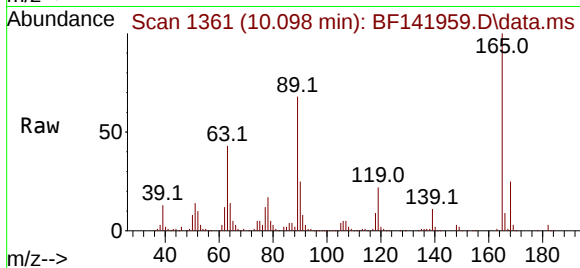




#57
2,4-Dinitrotoluene
Concen: 51.366 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

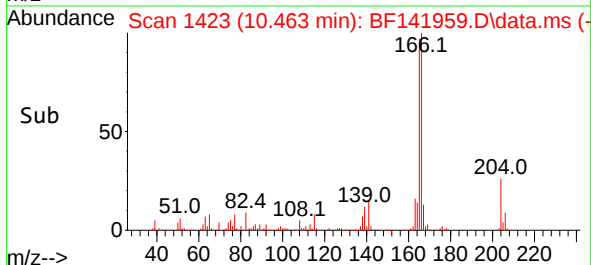
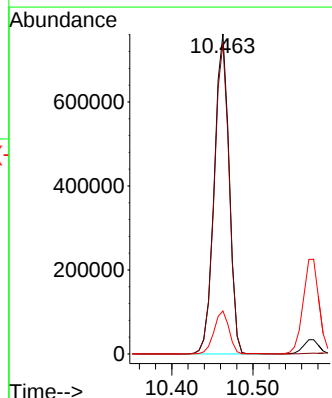
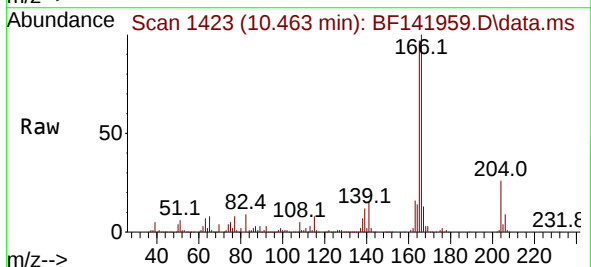
Instrument :
BNA_F
ClientSampleId :
PB167123BS

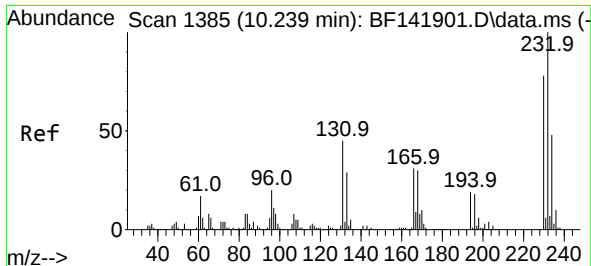
Tgt Ion:165 Resp: 311013
Ion Ratio Lower Upper
165 100
63 42.5 35.4 53.2
89 68.2 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 46.879 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:166 Resp: 969998
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 13.5 11.0 16.4

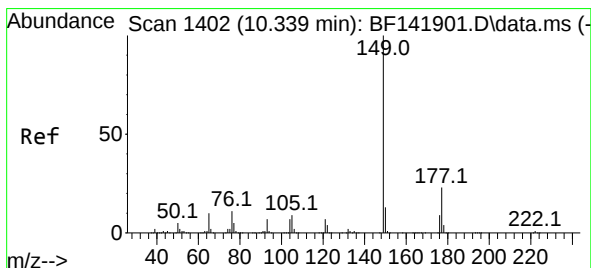
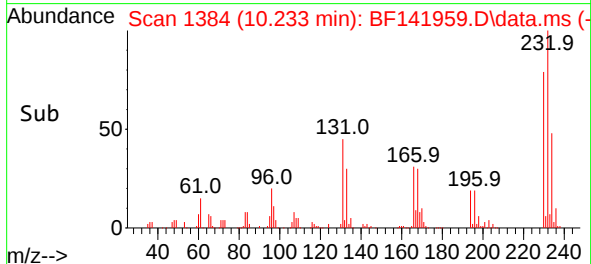
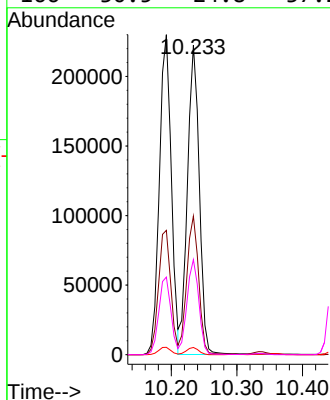
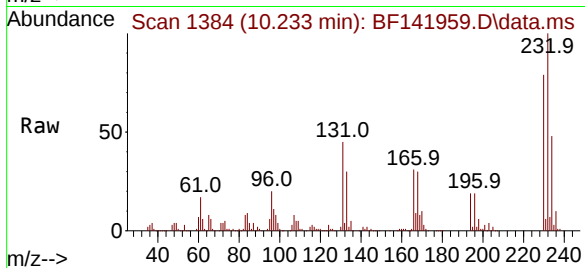




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.765 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

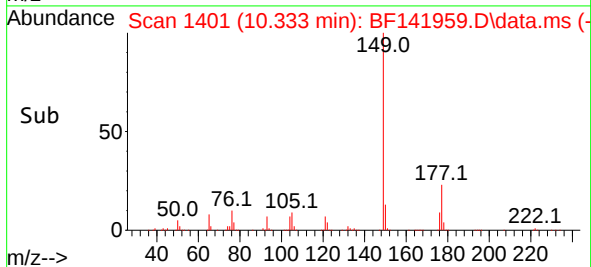
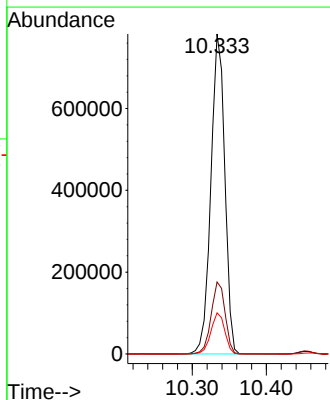
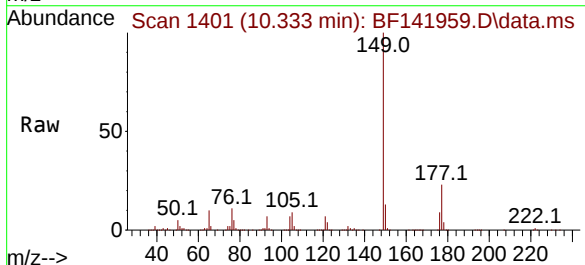
Instrument :
BNA_F
ClientSampleId :
PB167123BS

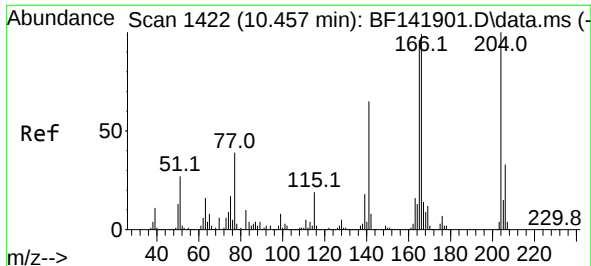
Tgt Ion:232 Resp: 278496
Ion Ratio Lower Upper
232 100
131 45.0 37.3 55.9
130 2.4 1.9 2.9
166 30.5 24.8 37.2



#60
Diethylphthalate
Concen: 45.878 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:149 Resp: 1018550
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4

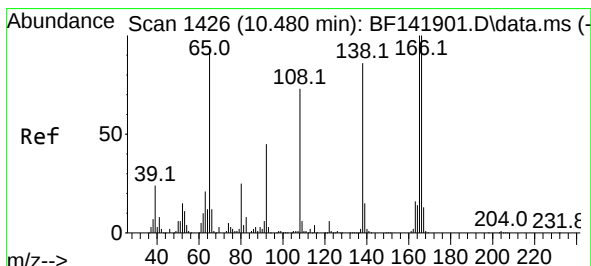
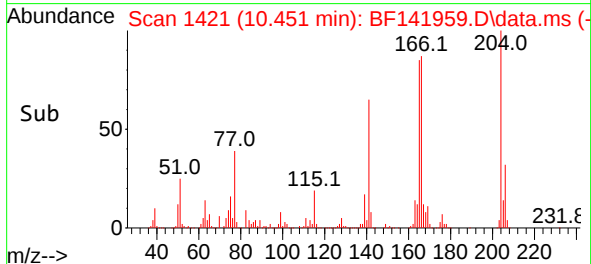
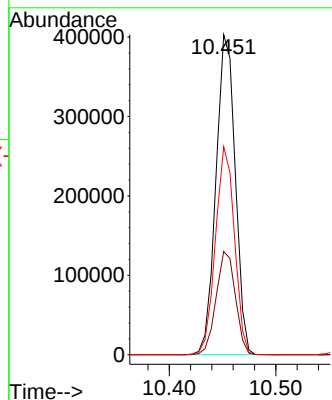
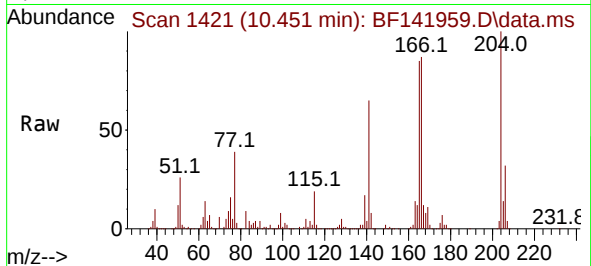




#61
4-Chlorophenyl-phenylether
Concen: 46.978 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

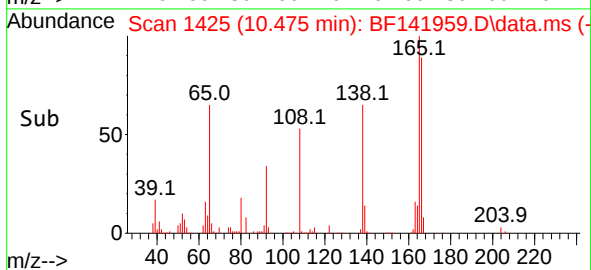
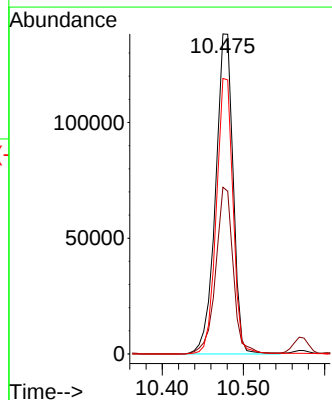
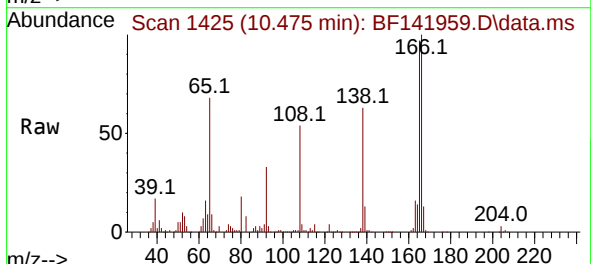
Instrument :
BNA_F
ClientSampleId :
PB167123BS

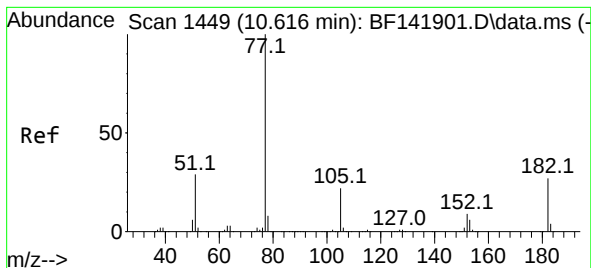
Tgt Ion:204 Resp: 506786
Ion Ratio Lower Upper
204 100
206 32.3 26.8 40.2
141 65.0 52.4 78.6



#62
4-Nitroaniline
Concen: 45.392 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:138 Resp: 207809
Ion Ratio Lower Upper
138 100
92 52.1 32.6 72.6
108 86.1 65.0 105.0





#63

Azobenzene

Concen: 44.667 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

Tgt Ion: 77 Resp: 921954

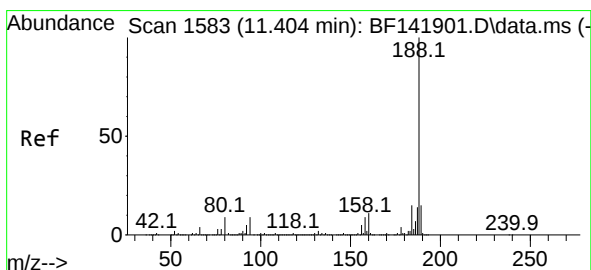
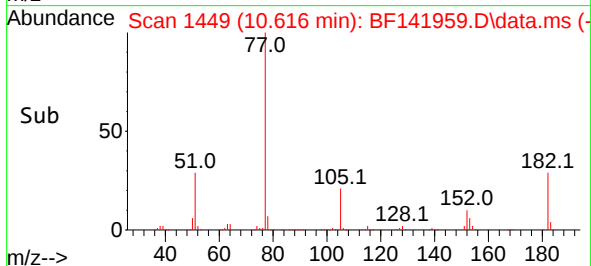
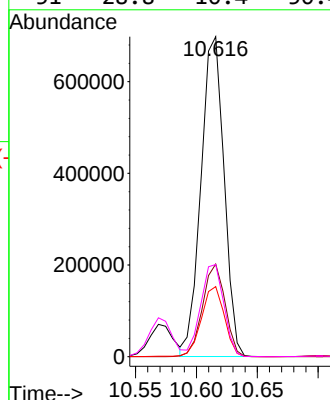
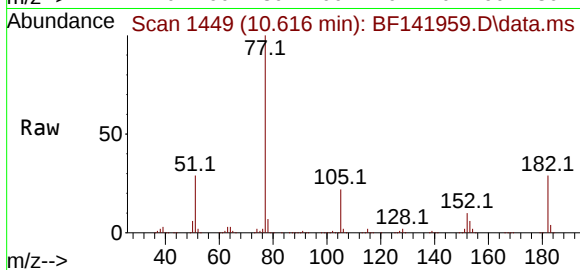
Ion Ratio Lower Upper

77 100

182 28.9 6.6 46.6

105 21.9 1.3 41.3

51 28.8 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

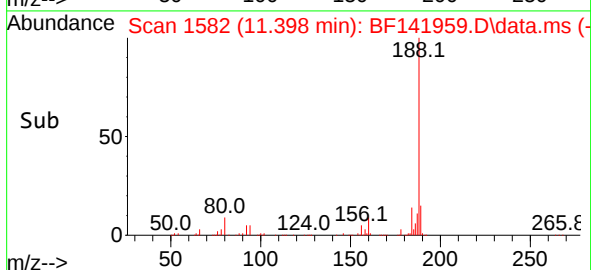
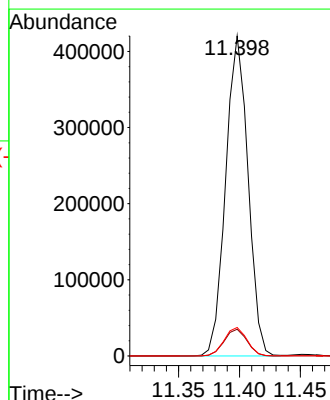
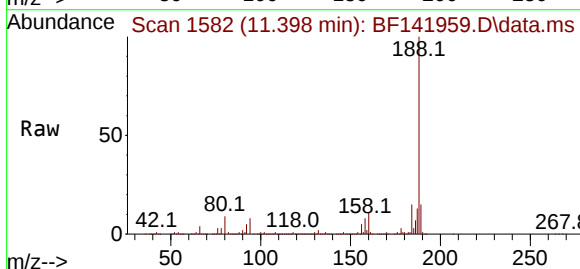
Tgt Ion:188 Resp: 536056

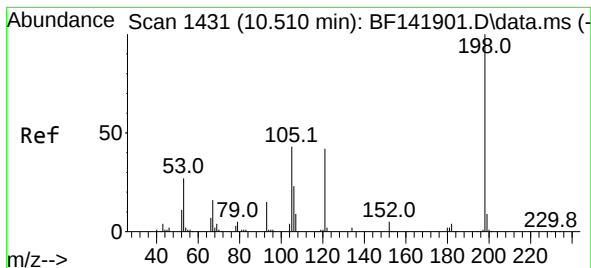
Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 8.9 7.6 11.4

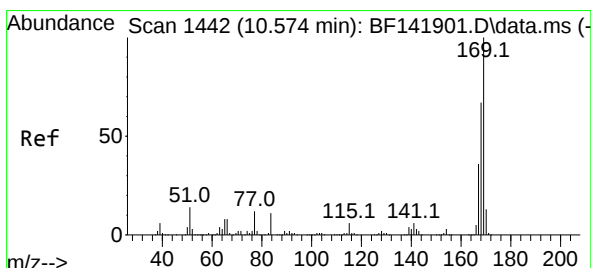
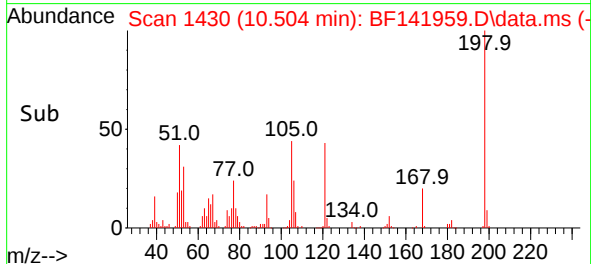
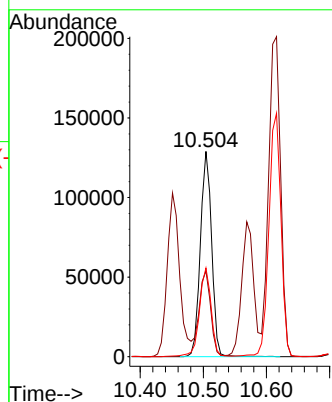
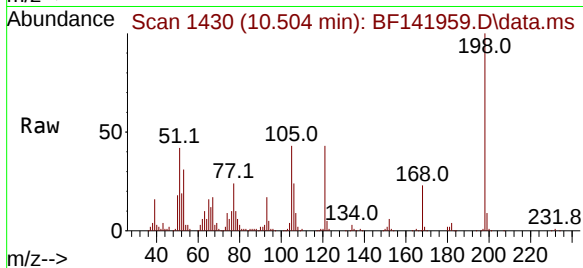




#65
4,6-Dinitro-2-methylphenol
Concen: 49.892 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

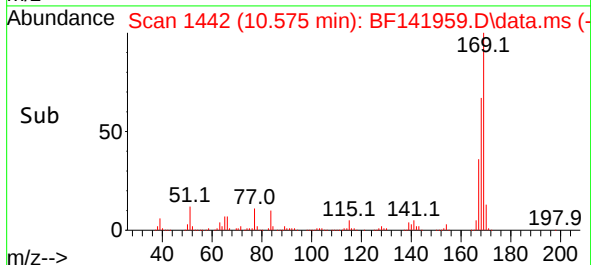
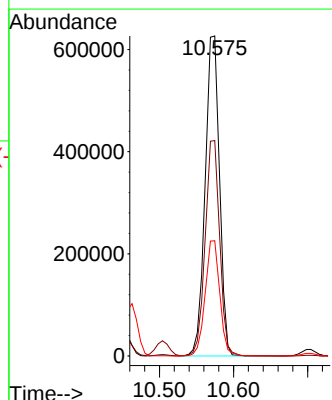
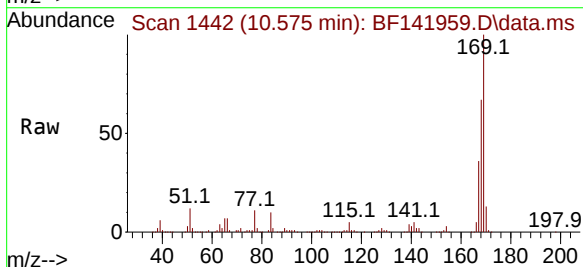
Instrument :
BNA_F
ClientSampleId :
PB167123BS

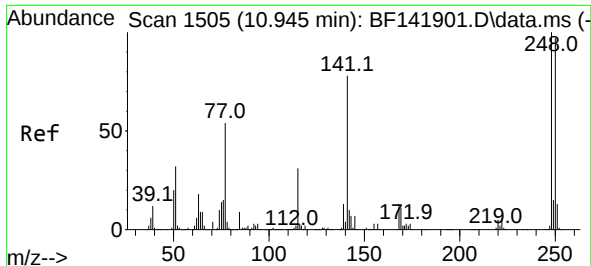
Tgt Ion:198 Resp: 159437
Ion Ratio Lower Upper
198 100
51 41.8 22.3 62.3
105 43.2 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.673 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:169 Resp: 844325
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.0 29.2 43.8

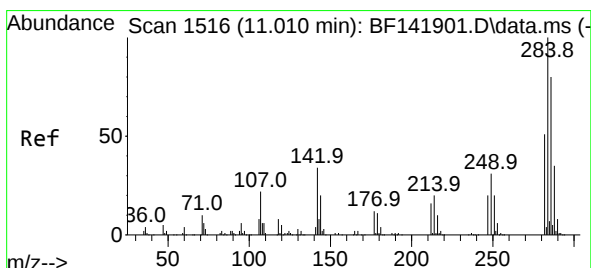
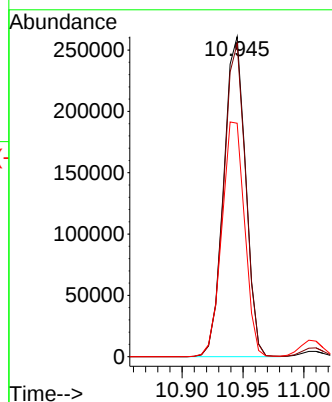
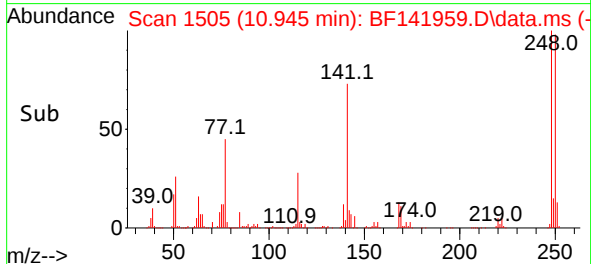
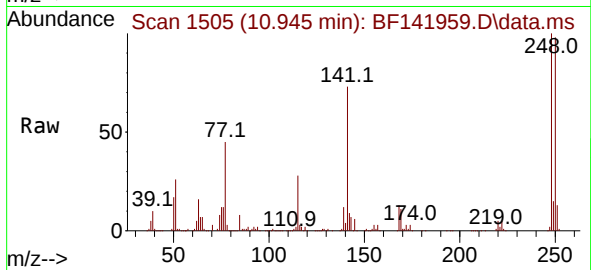




#67
4-Bromophenyl-phenylether
Concen: 48.652 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

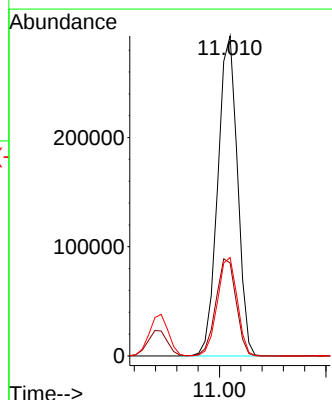
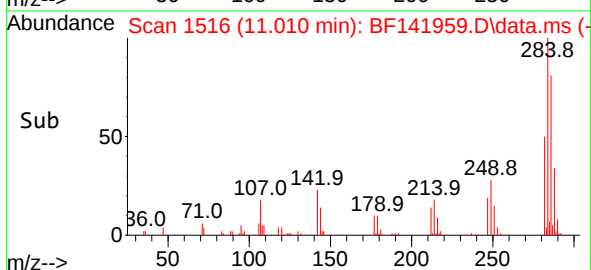
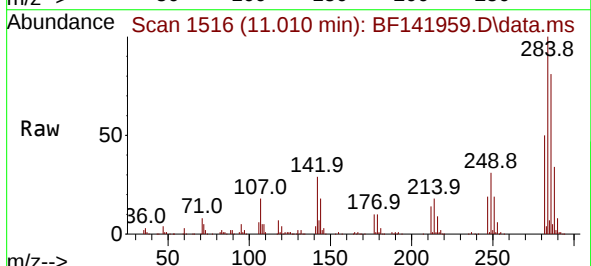
Instrument :
BNA_F
ClientSampleId :
PB167123BS

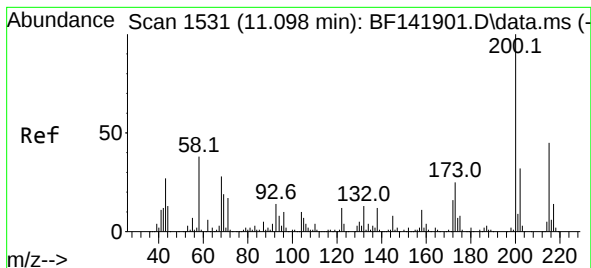
Tgt Ion:248 Resp: 327538
Ion Ratio Lower Upper
248 100
250 97.8 77.8 116.8
141 72.9 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.855 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:284 Resp: 375501
Ion Ratio Lower Upper
284 100
142 29.0 27.0 40.6
249 30.8 25.2 37.8





#69

Atrazine

Concen: 62.289 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

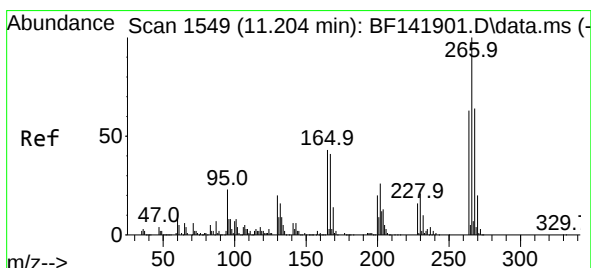
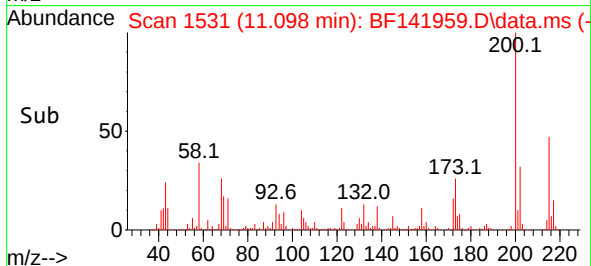
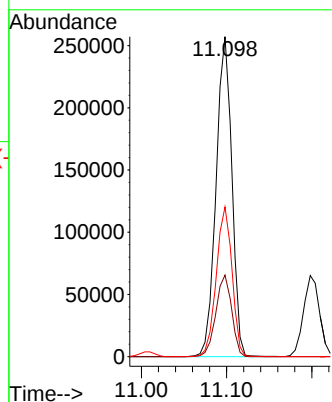
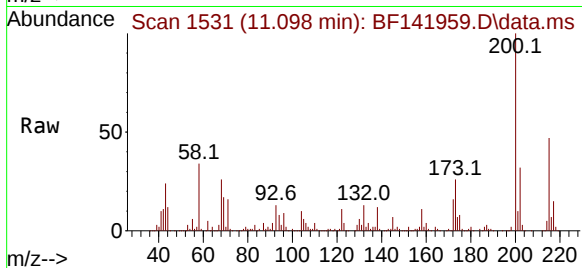
Tgt Ion:200 Resp: 331244

Ion Ratio Lower Upper

200 100

173 25.5 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 99.991 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

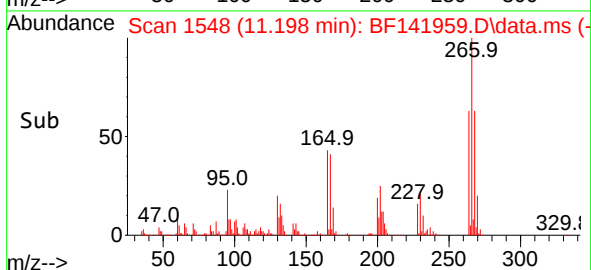
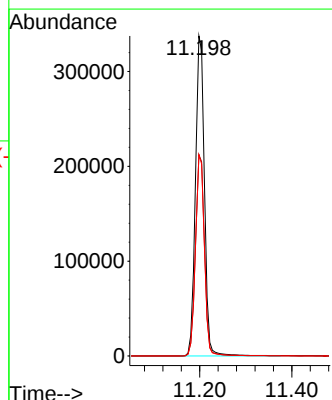
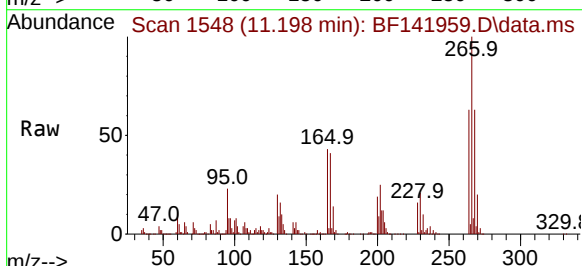
Tgt Ion:266 Resp: 454891

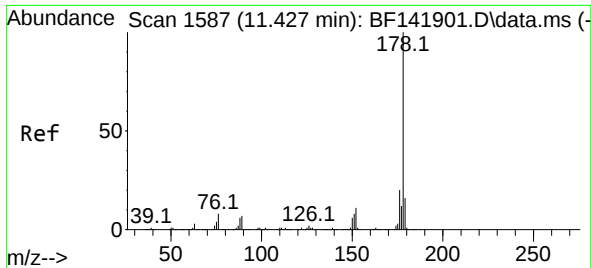
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 62.8 50.2 75.2

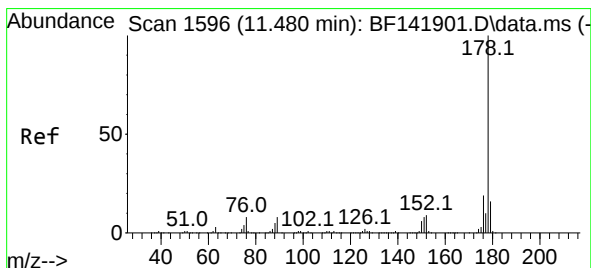
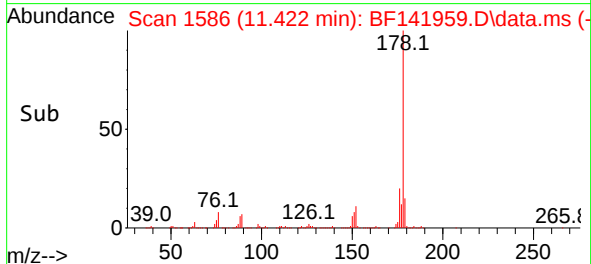
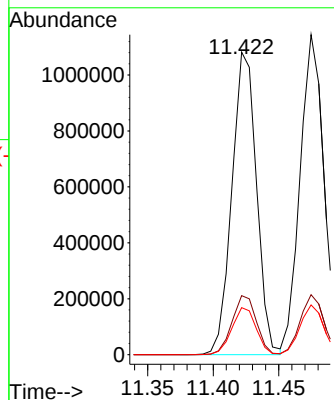
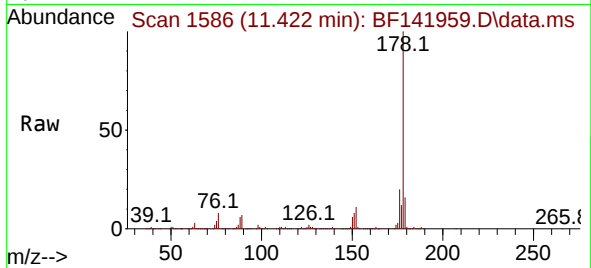




#71
Phenanthrene
Concen: 48.865 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

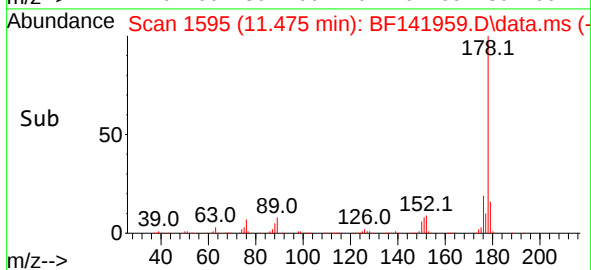
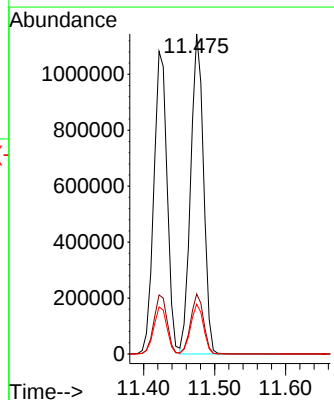
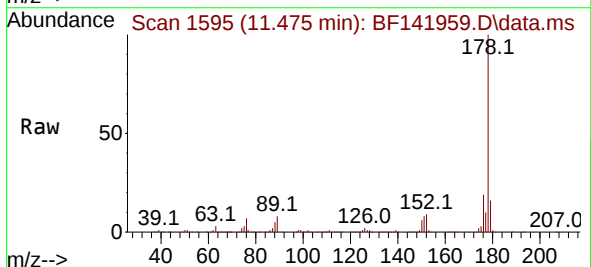
Instrument :
BNA_F
ClientSampleId :
PB167123BS

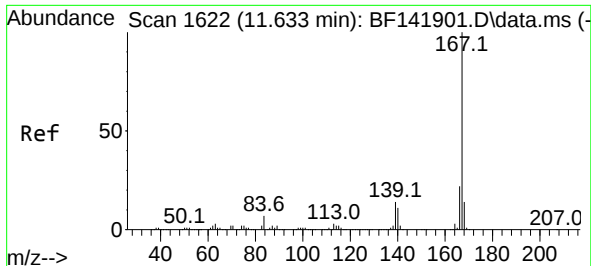
Tgt Ion:178 Resp: 1414851
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.5 12.6 19.0



#72
Anthracene
Concen: 49.376 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

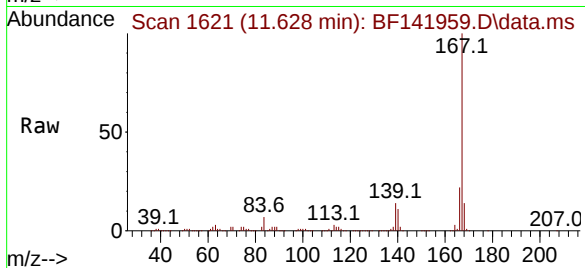
Tgt Ion:178 Resp: 1434301
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.5 12.6 19.0



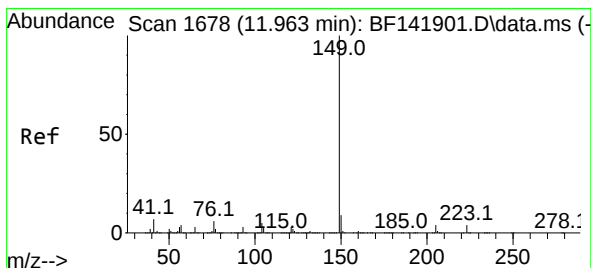
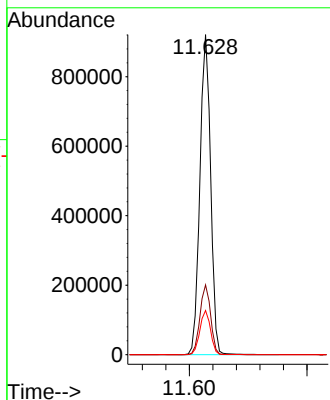
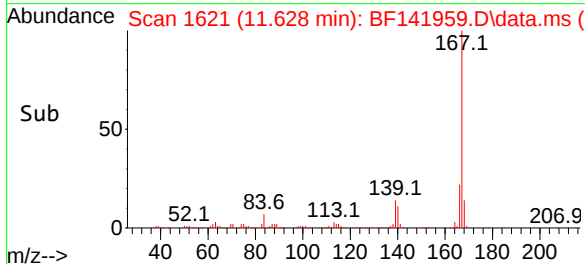


#73
 Carbazole
 Concen: 46.370 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08

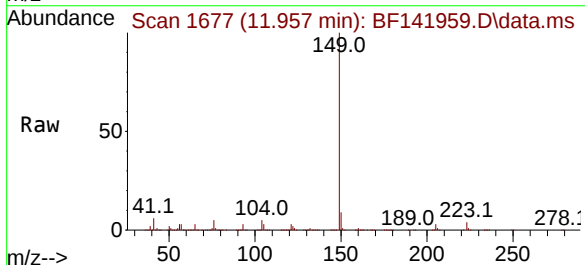
Instrument :
 BNA_F
 ClientSampleId :
 PB167123BS



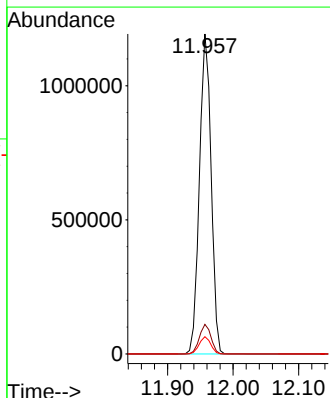
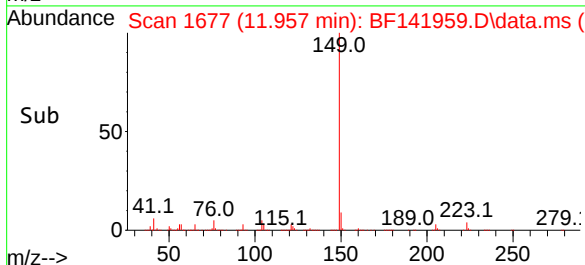
Tgt Ion:167 Resp: 1161650
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 11.0 16.6

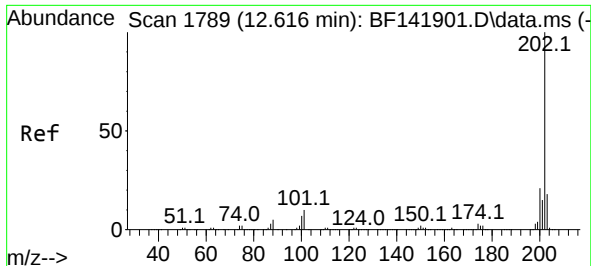


#74
 Di-n-butylphthalate
 Concen: 44.558 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08



Tgt Ion:149 Resp: 1481152
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.4 4.4 6.6

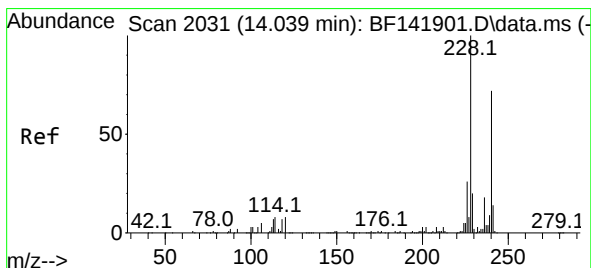
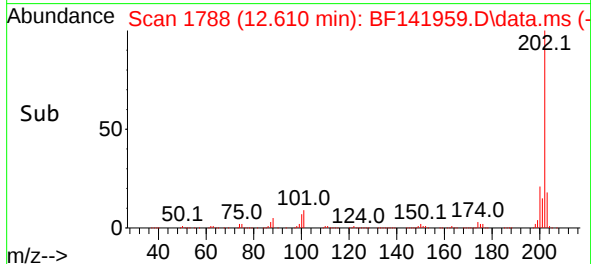
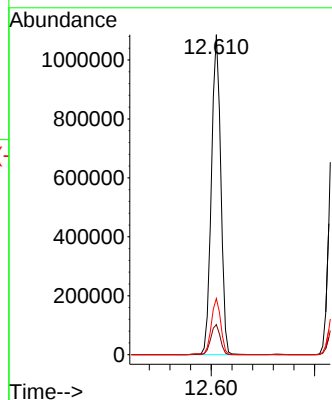
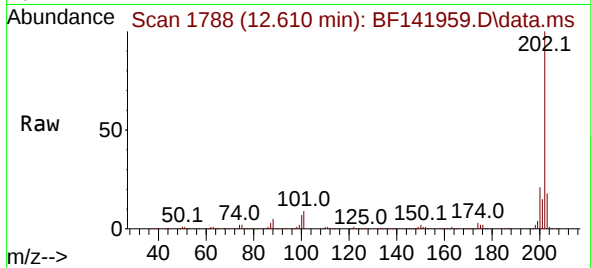




#75
Fluoranthene
Concen: 44.448 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

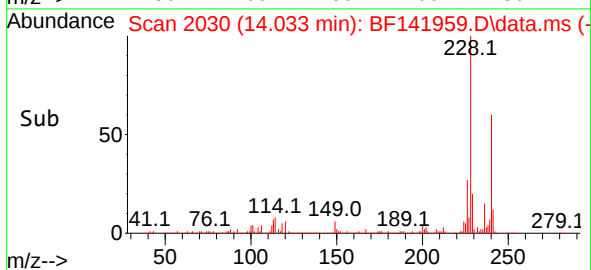
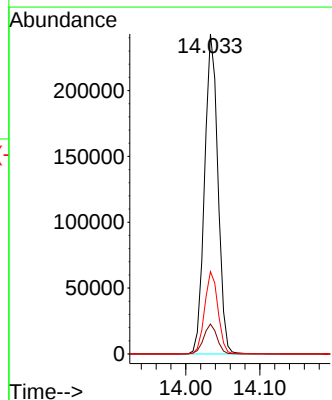
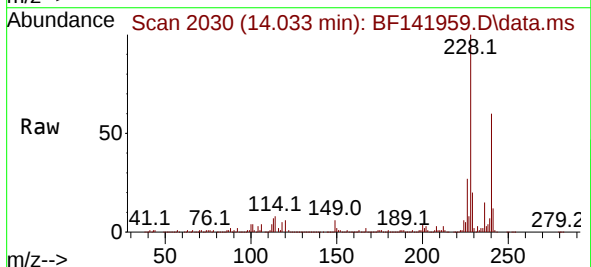
Instrument :
BNA_F
ClientSampleId :
PB167123BS

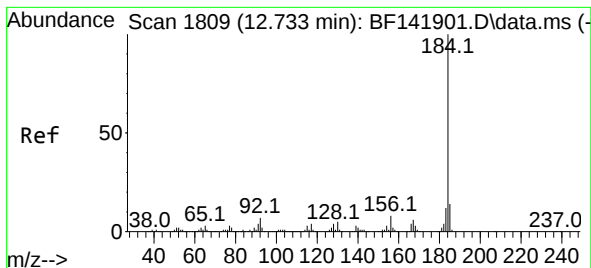
Tgt Ion:202 Resp: 1365159
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:240 Resp: 304640
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.7 20.5 30.7





#77

Benzidine

Concen: 85.587 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

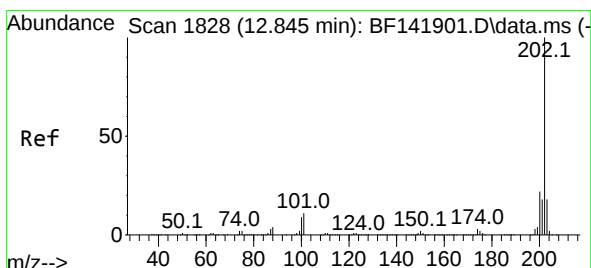
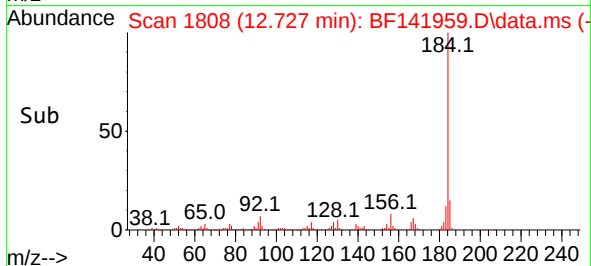
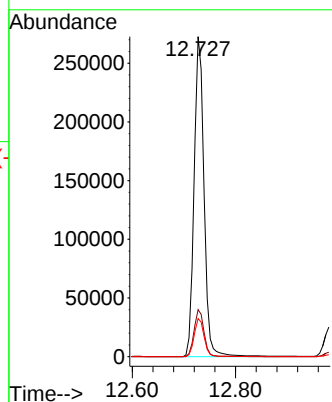
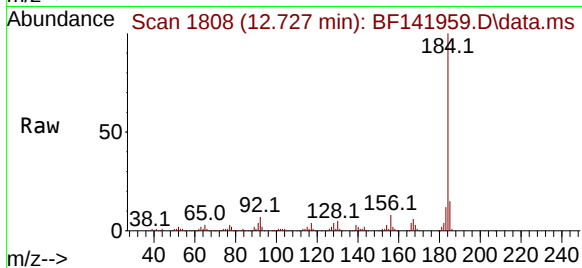
Tgt Ion:184 Resp: 363769

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.9 9.7 14.5



#78

Pyrene

Concen: 50.912 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

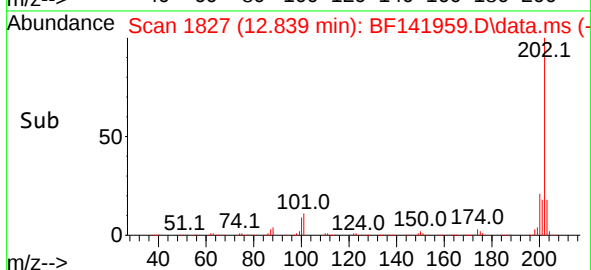
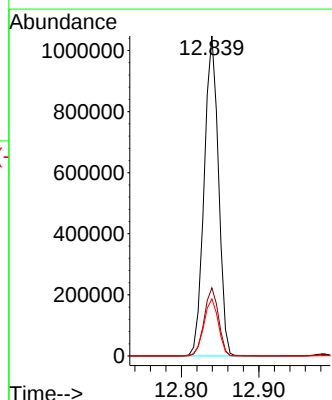
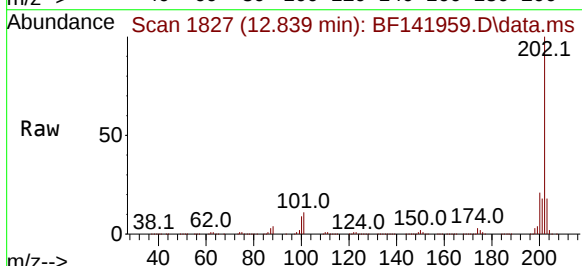
Tgt Ion:202 Resp: 1341626

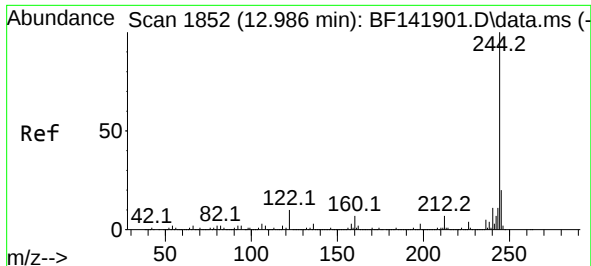
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 17.8 14.4 21.6

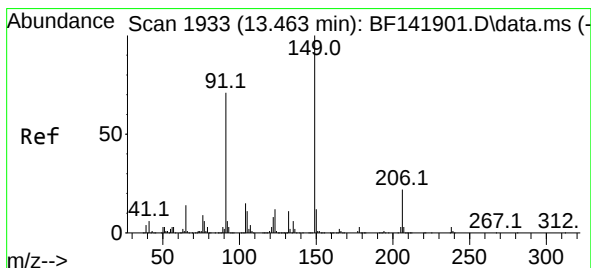
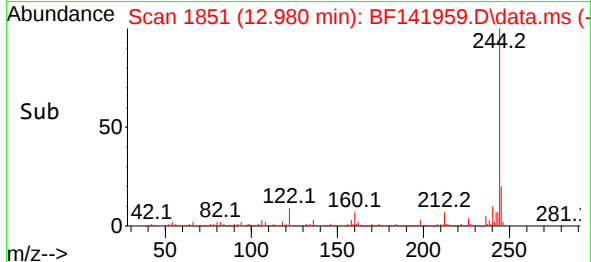
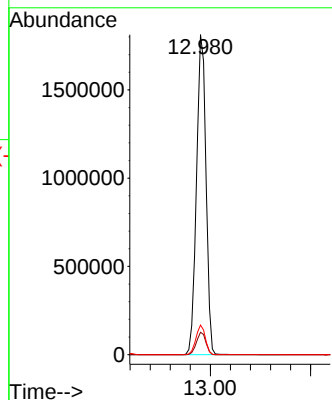
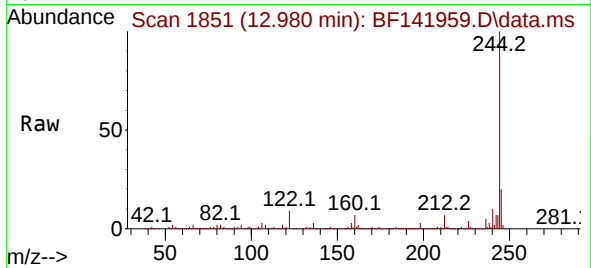




#79
 Terphenyl-d14
 Concen: 115.134 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08

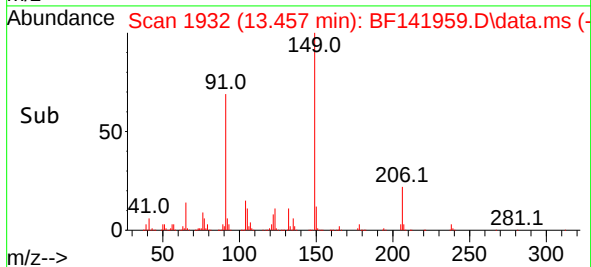
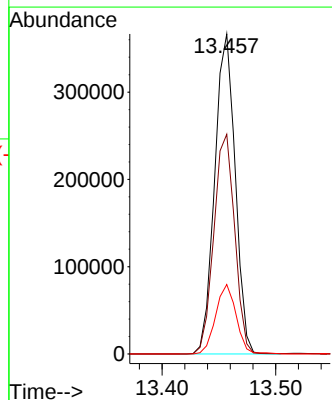
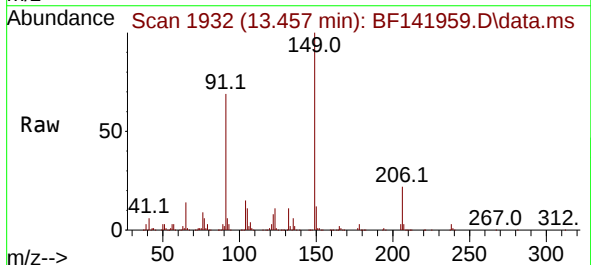
Instrument :
 BNA_F
 ClientSampleId :
 PB167123BS

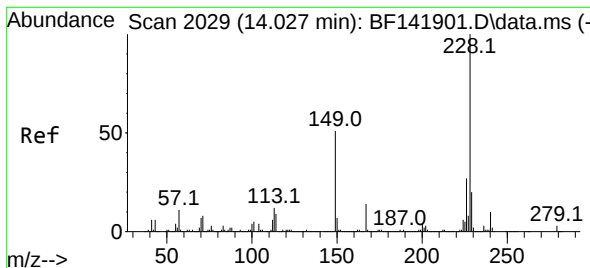
Tgt Ion:244 Resp: 2372376
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.3 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 44.567 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF141959.D
 Acq: 14 Mar 2025 12:08

Tgt Ion:149 Resp: 459672
 Ion Ratio Lower Upper
 149 100
 91 68.7 56.5 84.7
 206 21.7 17.3 25.9





#81

Benzo(a)anthracene

Concen: 51.107 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

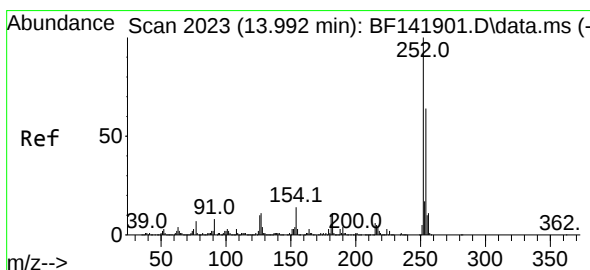
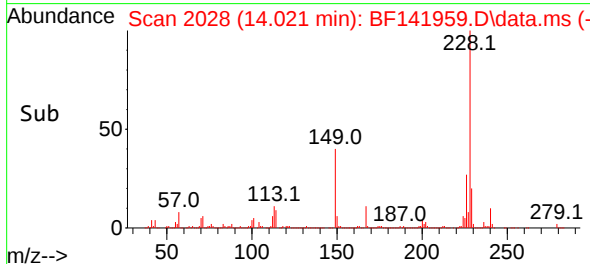
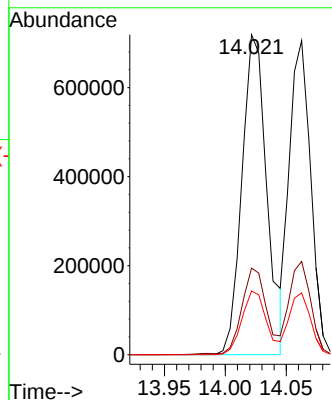
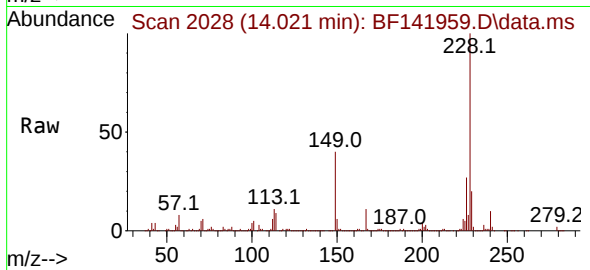
Tgt Ion:228 Resp: 1021663

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 31.041 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

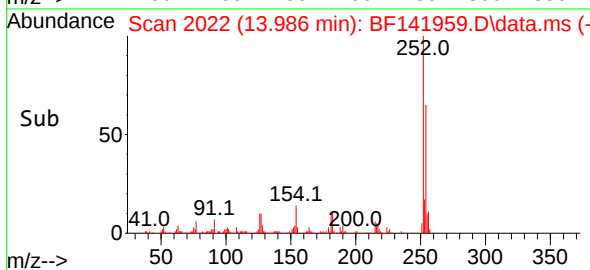
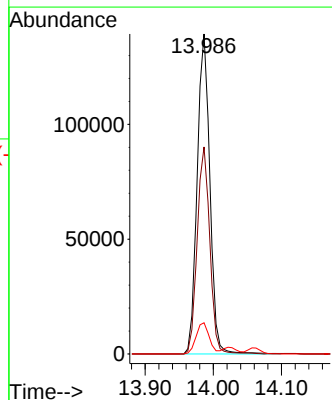
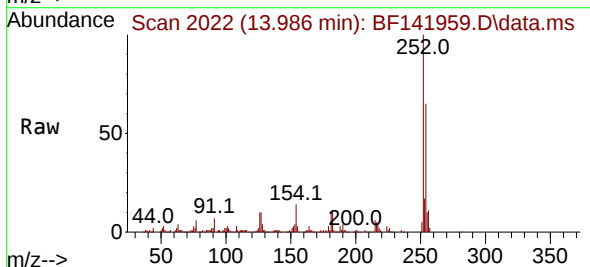
Tgt Ion:252 Resp: 179326

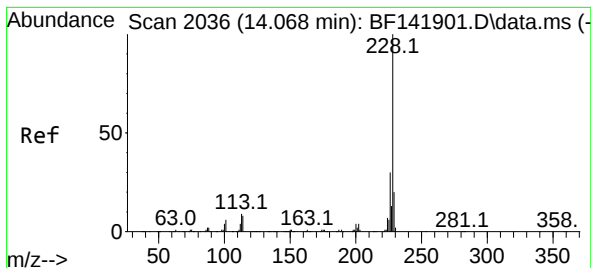
Ion Ratio Lower Upper

252 100

254 64.7 51.0 76.6

126 9.7 8.4 12.6





#83

Chrysene

Concen: 47.591 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

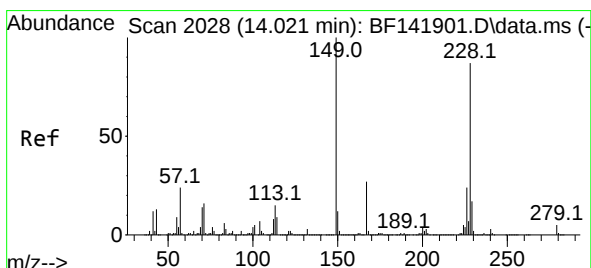
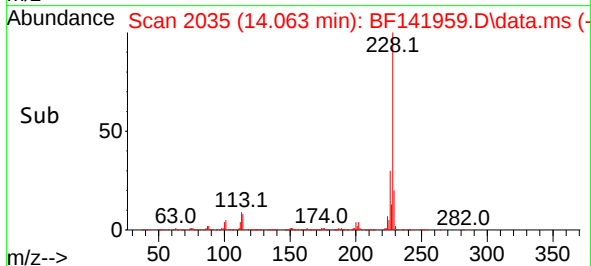
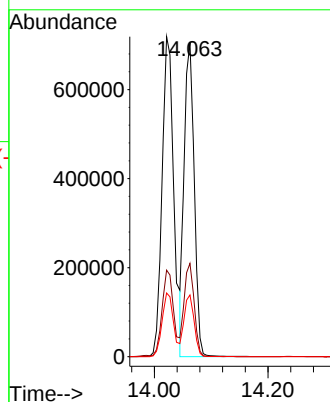
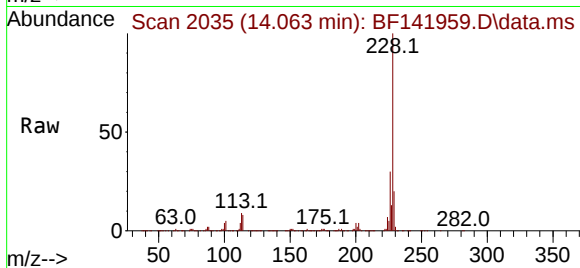
Tgt Ion:228 Resp: 862379

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.220 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

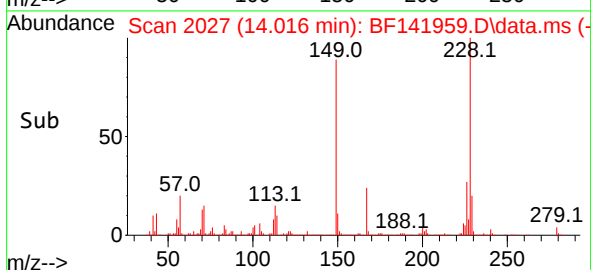
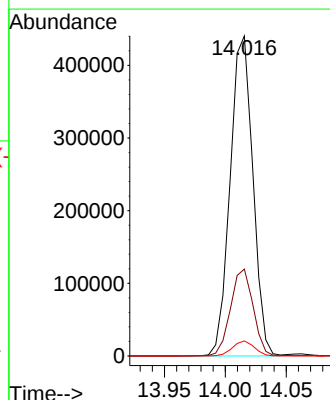
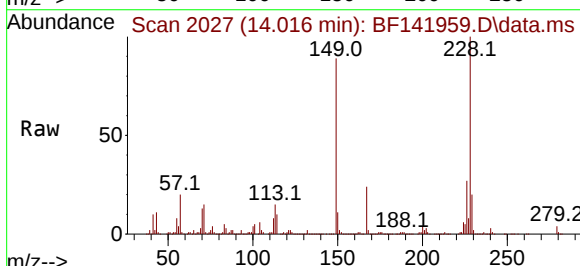
Tgt Ion:149 Resp: 571961

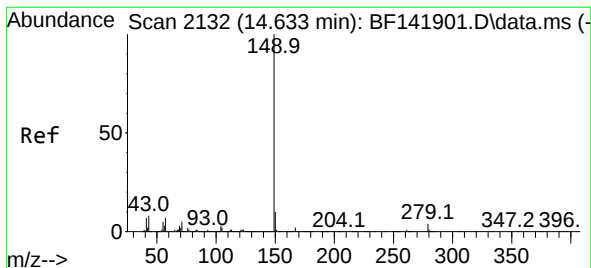
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.7 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 45.544 ng

RT: 14.627 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

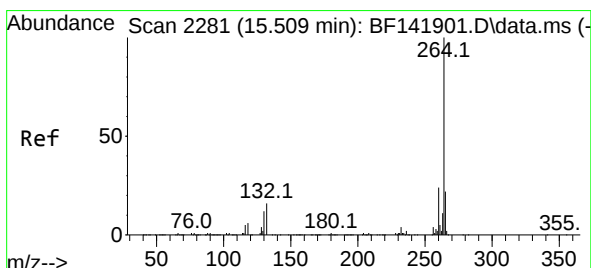
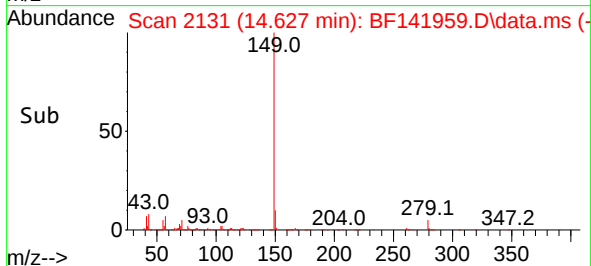
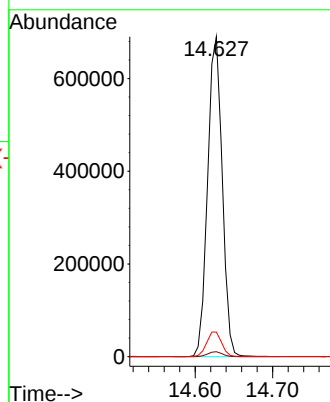
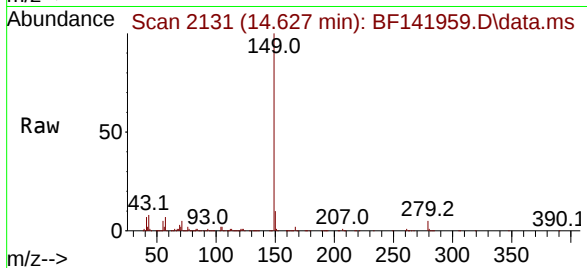
Tgt Ion:149 Resp: 901188

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.0 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

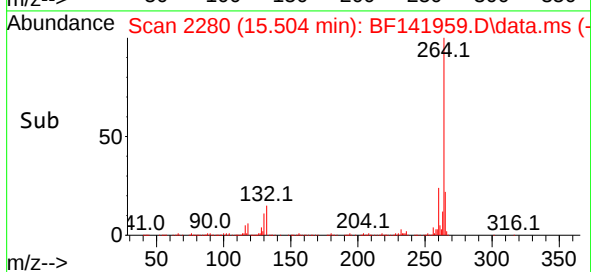
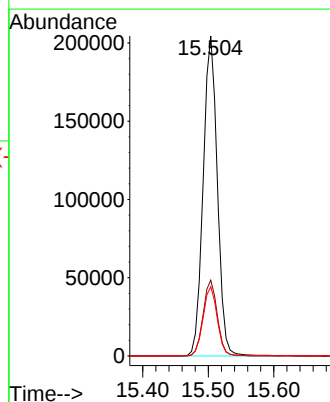
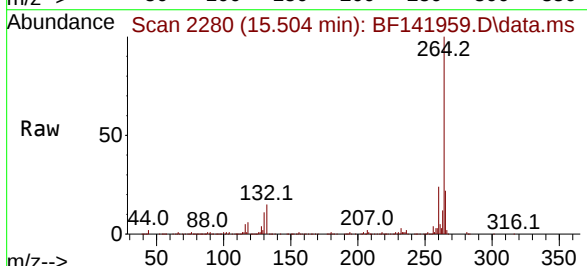
Tgt Ion:264 Resp: 308592

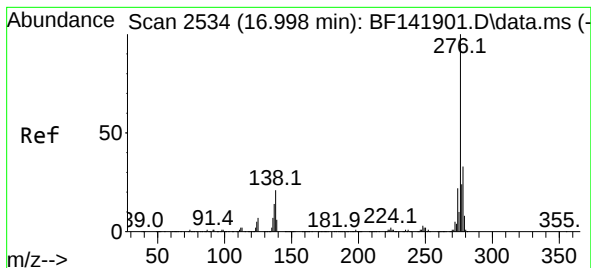
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.300 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

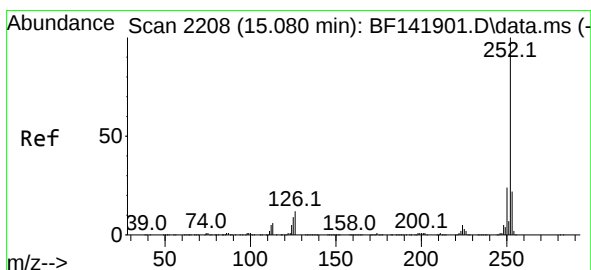
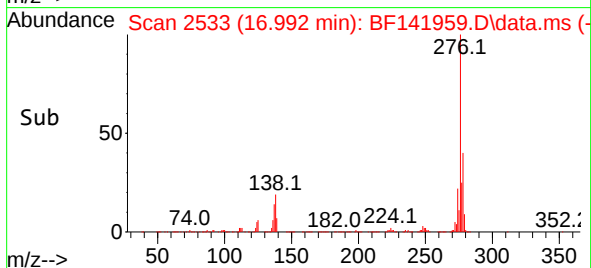
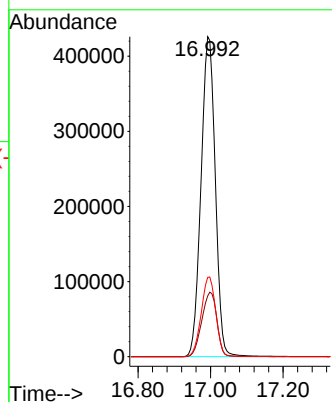
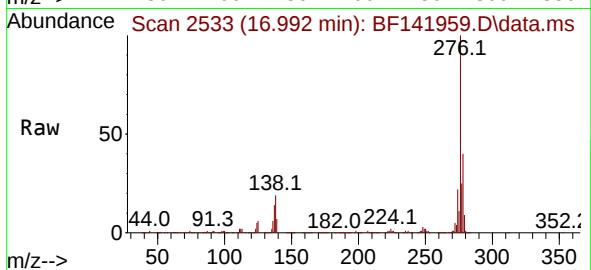
Tgt Ion:276 Resp: 1163800

Ion Ratio Lower Upper

276 100

138 21.3 18.4 27.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.551 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

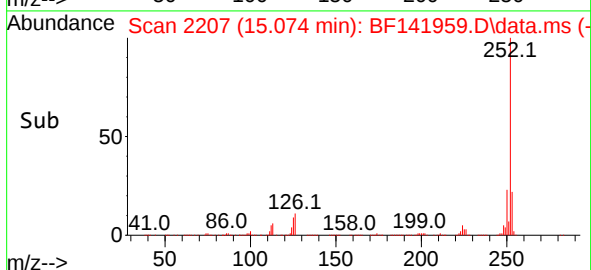
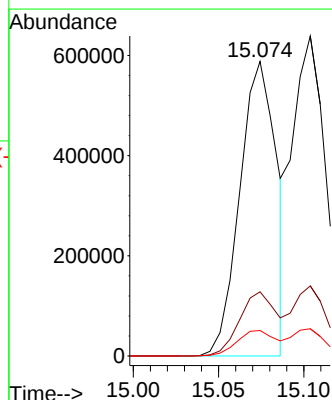
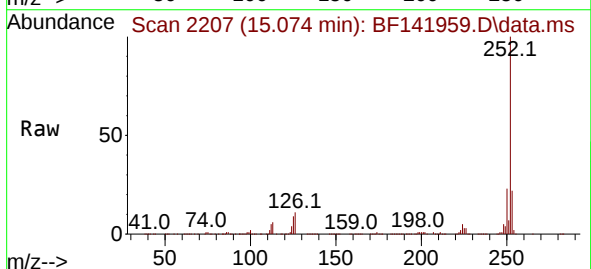
Tgt Ion:252 Resp: 878789

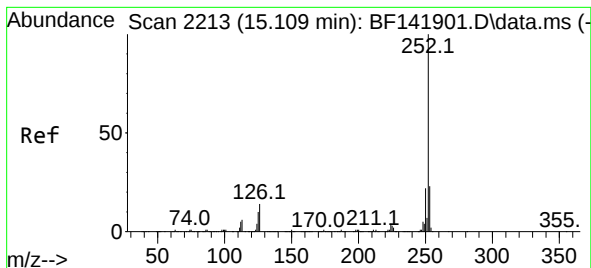
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 48.418 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

Instrument :

BNA_F

ClientSampleId :

PB167123BS

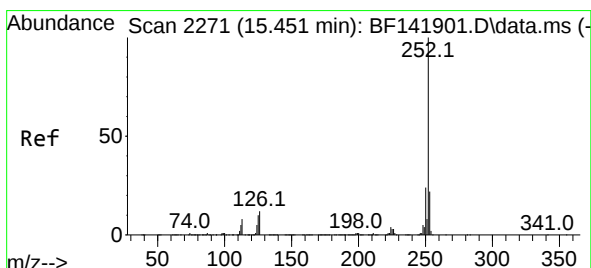
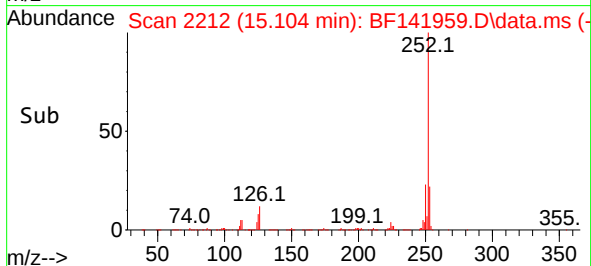
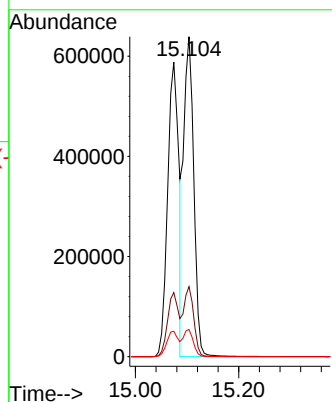
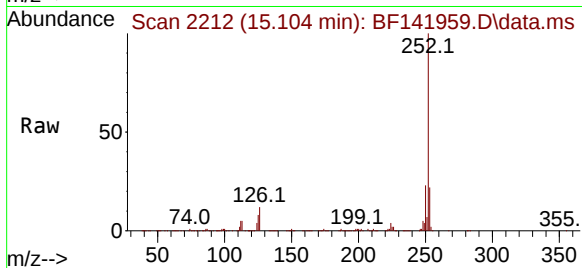
Tgt Ion:252 Resp: 876332

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.5 7.2 10.8



#90

Benzo(a)pyrene

Concen: 51.934 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF141959.D

Acq: 14 Mar 2025 12:08

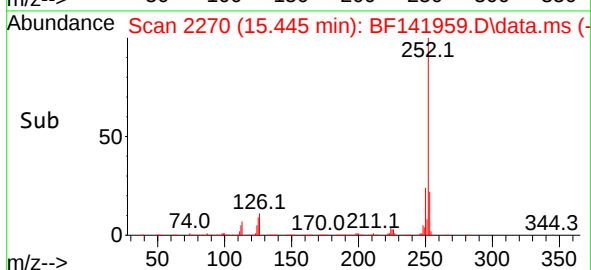
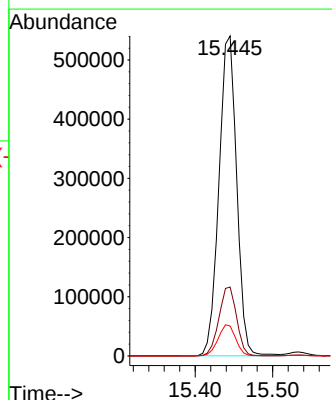
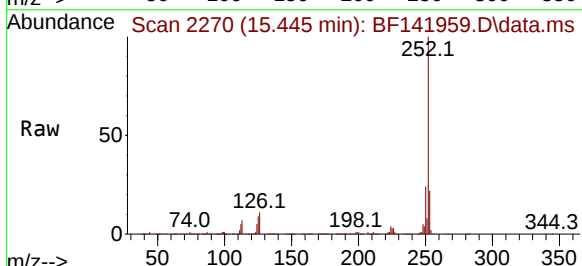
Tgt Ion:252 Resp: 859437

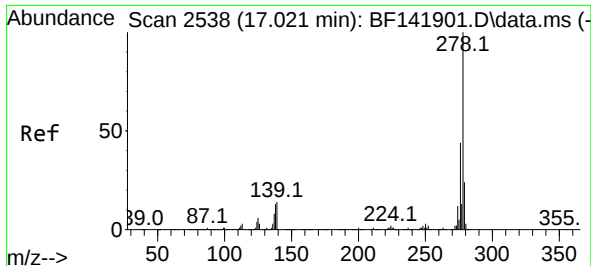
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.4 7.8 11.8

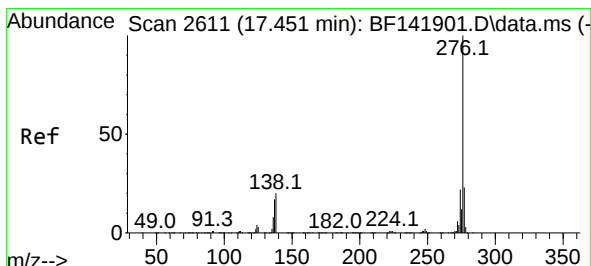
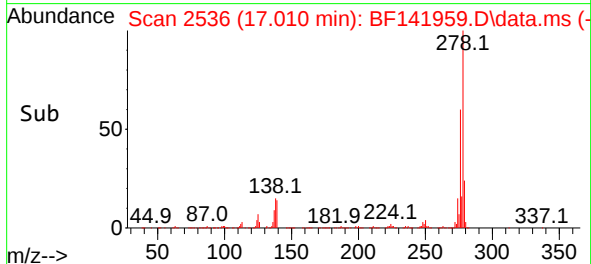
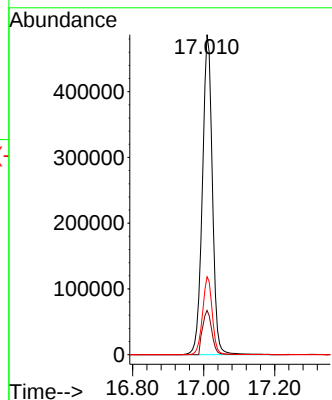
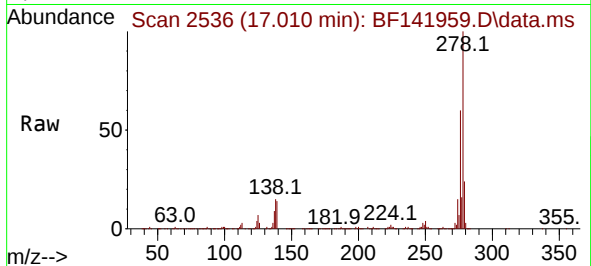




#91
Dibenzo(a,h)anthracene
Concen: 57.913 ng
RT: 17.010 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Instrument :
BNA_F
ClientSampleId :
PB167123BS

Tgt Ion:278 Resp: 953863
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 24.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 54.800 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF141959.D
Acq: 14 Mar 2025 12:08

Tgt Ion:276 Resp: 891937
Ion Ratio Lower Upper
276 100
277 23.7 18.7 28.1
138 18.1 15.8 23.8

