

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141862.D
 Acq On : 06 Mar 2025 11:51
 Operator : RC/JU
 Sample : PB166982BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

Quant Time: Mar 06 12:12:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	210095	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	832298	20.00	ng	-0.01
39) Acenaphthene-d10	9.922	164	456822	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	789268	20.00	ng	0.00
76) Chrysene-d12	14.045	240	533191	20.00	ng	0.00
86) Perylene-d12	15.510	264	432459	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1718685	130.64	ng	0.02
7) Phenol-d6	6.510	99	2131309	124.47	ng	0.00
23) Nitrobenzene-d5	7.445	82	1424866	109.43	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	757115	176.54	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2698143	94.70	ng	0.00
79) Terphenyl-d14	12.992	244	3290875	99.86	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.769	88	236649	39.64	ng 96
3) Pyridine	3.528	79	571968	38.51	ng 96
4) n-Nitrosodimethylamine	3.469	42	298504	41.77	ng # 98
6) Aniline	6.546	93	654827	36.78	ng 99
8) 2-Chlorophenol	6.669	128	646113	45.40	ng 95
9) Benzaldehyde	6.434	77	232462	23.34	ng 99
10) Phenol	6.522	94	775445	42.38	ng 97
11) bis(2-Chloroethyl)ether	6.622	93	584519	41.91	ng 96
12) 1,3-Dichlorobenzene	6.828	146	671014	44.03	ng 100
13) 1,4-Dichlorobenzene	6.904	146	680898	44.34	ng 100
14) 1,2-Dichlorobenzene	7.057	146	656843	45.81	ng 98
15) Benzyl Alcohol	7.022	79	576121	42.10	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	771714	36.43	ng 96
17) 2-Methylphenol	7.134	107	520475	44.31	ng 99
18) Hexachloroethane	7.398	117	255823	44.51	ng 97
19) n-Nitroso-di-n-propyla...	7.298	70	446393	39.66	ng 97
20) 3+4-Methylphenols	7.281	107	638973	43.68	ng 93
22) Acetophenone	7.293	105	955429	47.13	ng 99
24) Nitrobenzene	7.463	77	682517	48.95	ng 100
25) Isophorone	7.704	82	1219271	43.59	ng 98
26) 2-Nitrophenol	7.781	139	334090	53.10	ng 97
27) 2,4-Dimethylphenol	7.810	122	564747	54.92	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	735247	41.20	ng 99
29) 2,4-Dichlorophenol	8.016	162	532866	44.92	ng 99
30) 1,2,4-Trichlorobenzene	8.104	180	579819	44.61	ng 100
31) Naphthalene	8.187	128	1846658	43.17	ng 99
32) Benzoic acid	7.928	122	455664	52.28	ng 99
33) 4-Chloroaniline	8.234	127	309388	19.73	ng 98
34) Hexachlorobutadiene	8.304	225	376266	46.58	ng 98
35) Caprolactam	8.598	113	111795	30.63	ng 89
36) 4-Chloro-3-methylphenol	8.710	107	583807	44.30	ng 98
37) 2-Methylnaphthalene	8.875	142	1173483	41.82	ng 100
38) 1-Methylnaphthalene	8.975	142	1154869	42.90	ng 100
40) 1,2,4,5-Tetrachloroben...	9.045	216	645530	48.93	ng 99
41) Hexachlorocyclopentadiene	9.034	237	868319	157.70	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	400502	46.99	ng 100

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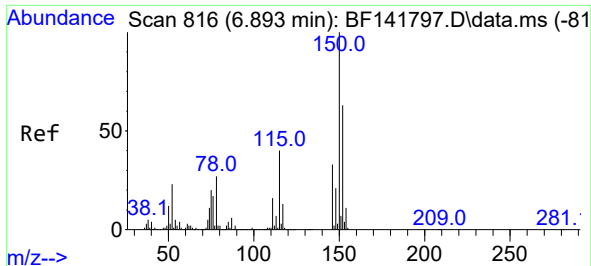
Quant Time: Mar 06 12:12:35 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	409928	48.57	ng	98
46) 1,1'-Biphenyl	9.339	154	1666460	47.93	ng	99
47) 2-Chloronaphthalene	9.369	162	1139340	44.39	ng	99
48) 2-Nitroaniline	9.457	65	361580	51.16	ng	96
49) Acenaphthylene	9.781	152	1799062	46.76	ng	99
50) Dimethylphthalate	9.645	163	1371047	44.82	ng	100
51) 2,6-Dinitrotoluene	9.704	165	301079	51.24	ng	92
52) Acenaphthene	9.957	154	1330436	51.24	ng	99
53) 3-Nitroaniline	9.869	138	204507	33.75	ng	# 94
54) 2,4-Dinitrophenol	9.975	184	360919	116.23	ng	# 1
55) Dibenzofuran	10.128	168	1621177	42.90	ng	100
56) 4-Nitrophenol	10.028	139	551414	122.04	ng	95
57) 2,4-Dinitrotoluene	10.104	165	415457	57.38	ng	95
58) Fluorene	10.469	166	1272097	44.94	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	354982	48.36	ng	99
60) Diethylphthalate	10.345	149	1341179	43.73	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	636689	44.89	ng	99
62) 4-Nitroaniline	10.486	138	320025	61.26	ng	97
63) Azobenzene	10.622	77	1309765	40.56	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	231430	59.85	ng	94
66) n-Nitrosodiphenylamine	10.581	169	1129867	43.60	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	409102	44.38	ng	98
68) Hexachlorobenzene	11.016	284	460465	47.30	ng	97
69) Atrazine	11.104	200	456998	64.12	ng	100
70) Pentachlorophenol	11.210	266	603121	97.68	ng	100
71) Phenanthrene	11.433	178	1919079	45.46	ng	99
72) Anthracene	11.486	178	1936157	45.76	ng	100
73) Carbazole	11.633	167	1703875	45.60	ng	100
74) Di-n-butylphthalate	11.969	149	2042563	43.13	ng	100
75) Fluoranthene	12.616	202	2010701	46.48	ng	98
77) Benzidine	12.739	184	703765	104.87	ng	100
78) Pyrene	12.851	202	2033437	44.04	ng	99
80) Butylbenzylphthalate	13.463	149	779324	46.46	ng	98
81) Benzo(a)anthracene	14.033	228	1606850	45.63	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	287502	28.45	ng	99
83) Chrysene	14.069	228	1461304	45.01	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	973167	46.59	ng	99
85) Di-n-octyl phthalate	14.633	149	1411858	45.15	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1400520	50.86	ng	97
88) Benzo(b)fluoranthene	15.080	252	1324873	44.98	ng	99
89) Benzo(k)fluoranthene	15.110	252	1110972	44.37	ng	99
90) Benzo(a)pyrene	15.451	252	1135461	48.06	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1121408	49.89	ng	97
92) Benzo(g,h,i)perylene	17.457	276	1098929	47.72	ng	97

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

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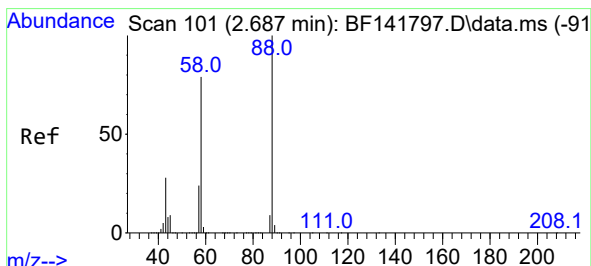
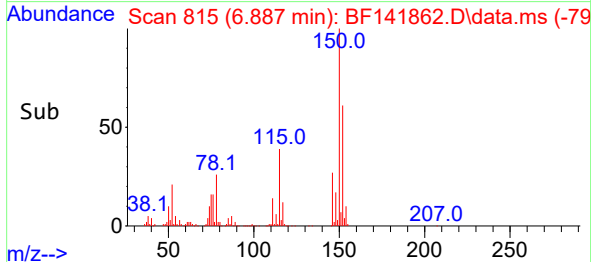
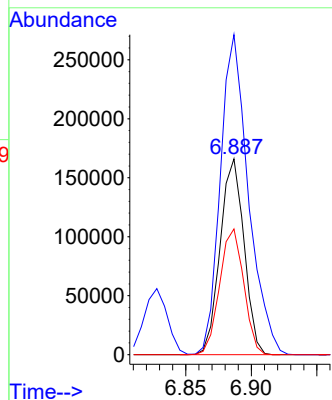
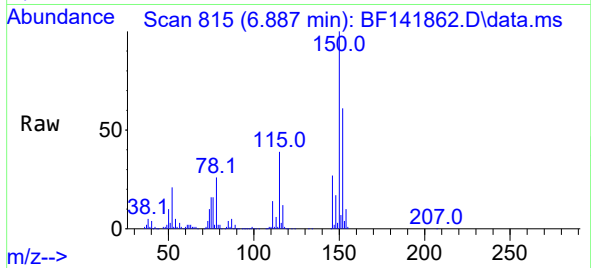




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

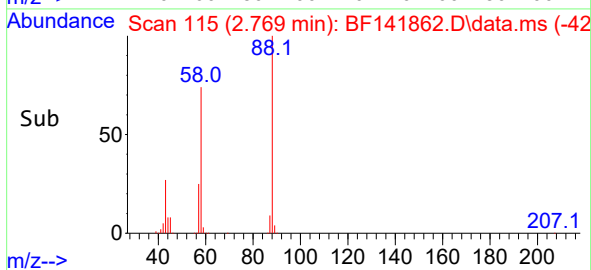
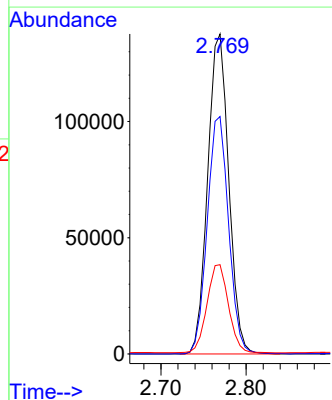
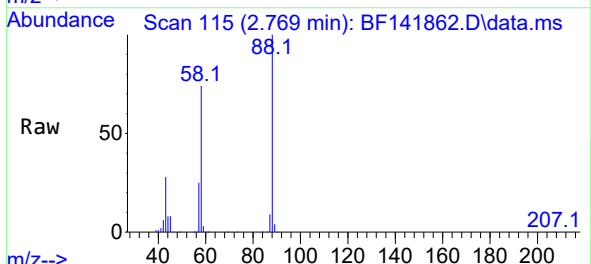
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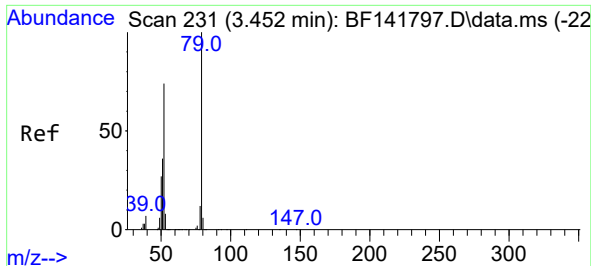
Tgt Ion:152 Resp: 210095
 Ion Ratio Lower Upper
 152 100
 150 163.4 127.5 191.3
 115 64.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.64 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.082 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion: 88 Resp: 236649
 Ion Ratio Lower Upper
 88 100
 58 75.5 63.9 95.9
 43 28.2 23.0 34.6

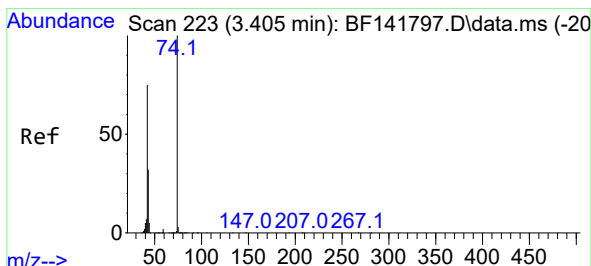
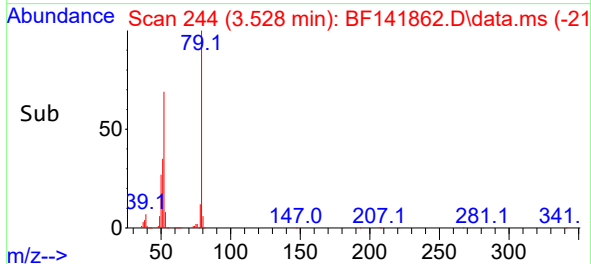
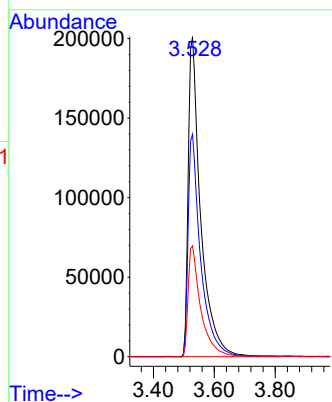
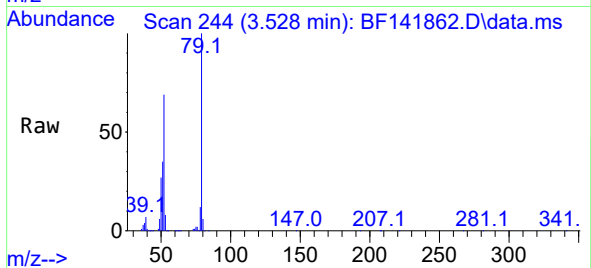




#3
 Pyridine
 Concen: 38.51 ng
 RT: 3.528 min Scan# 24
 Delta R.T. 0.076 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

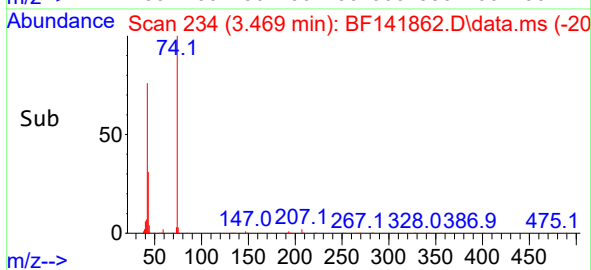
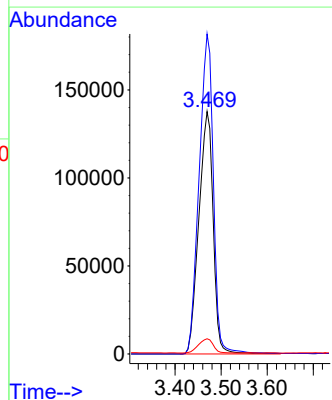
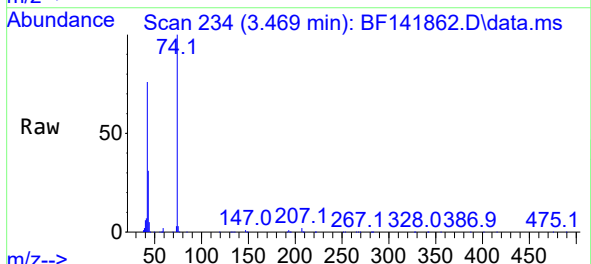
Instrument :
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 ClientSampleId :
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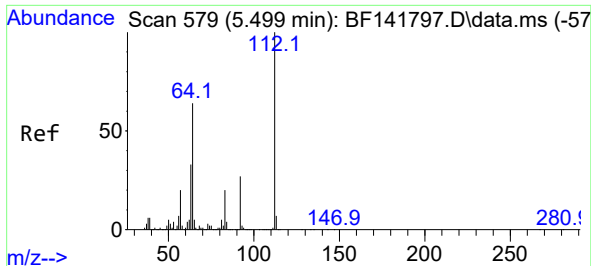
Tgt Ion: 79 Resp: 571968
 Ion Ratio Lower Upper
 79 100
 52 69.5 59.0 88.4
 51 34.7 29.0 43.4



#4
 n-Nitrosodimethylamine
 Concen: 41.77 ng
 RT: 3.469 min Scan# 234
 Delta R.T. 0.065 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion: 42 Resp: 298504
 Ion Ratio Lower Upper
 42 100
 74 132.0 107.1 160.7
 44 6.3 6.6 9.8

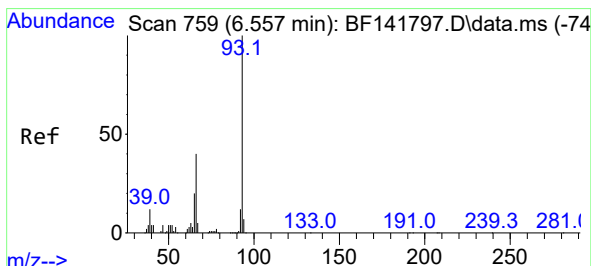
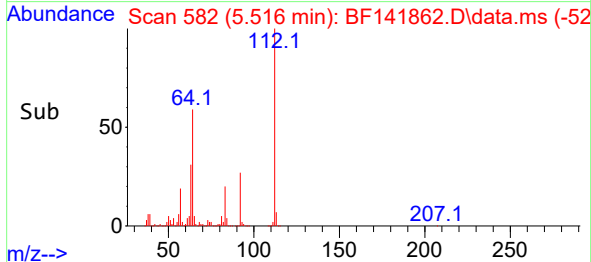
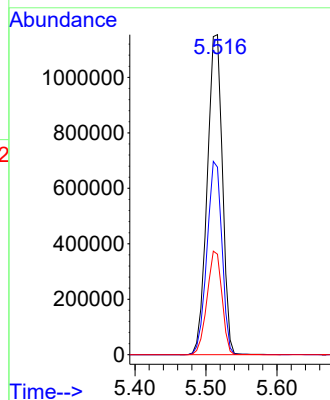
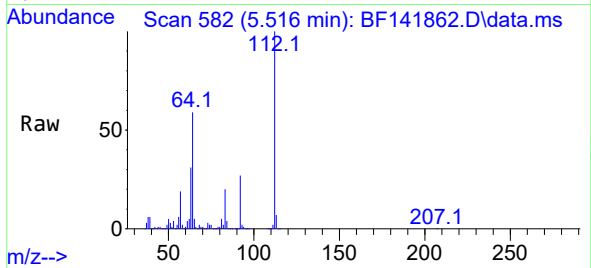




#5
2-Fluorophenol
Concen: 130.64 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

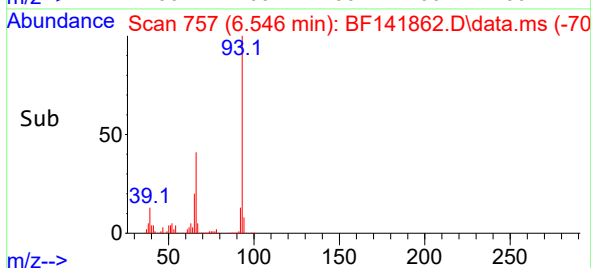
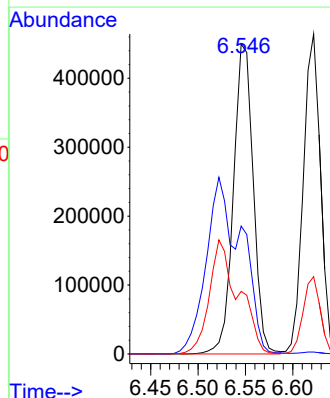
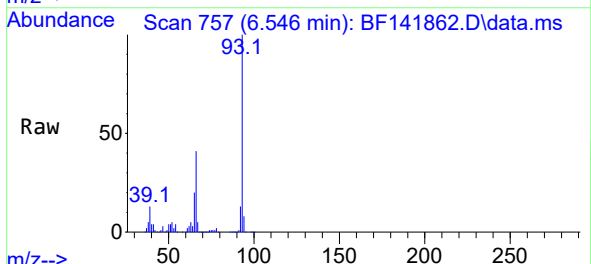
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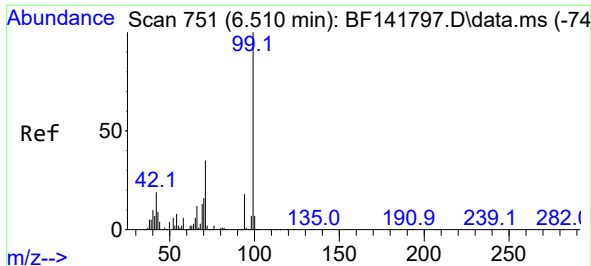
Tgt Ion:112 Resp: 1718685
Ion Ratio Lower Upper
112 100
64 58.6 51.3 76.9
63 31.4 26.2 39.4



#6
Aniline
Concen: 36.78 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 93 Resp: 654827
Ion Ratio Lower Upper
93 100
66 41.2 32.3 48.5
65 20.2 15.9 23.9

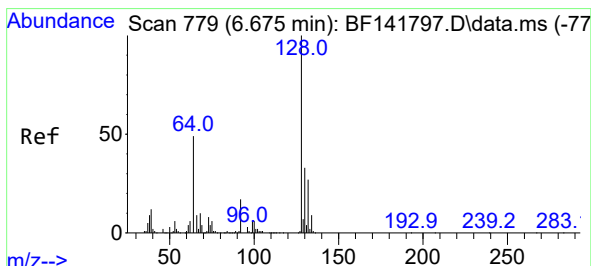
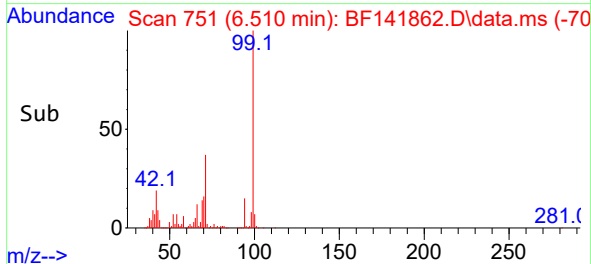
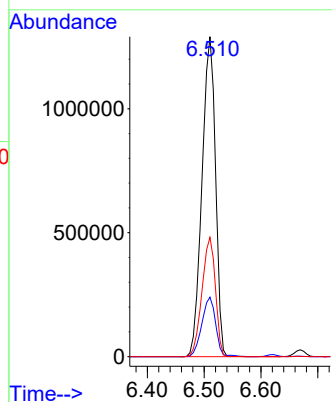
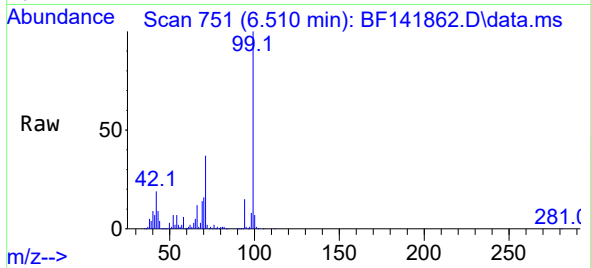




#7
Phenol-d6
Concen: 124.47 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

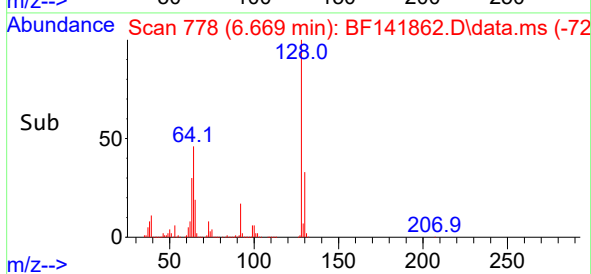
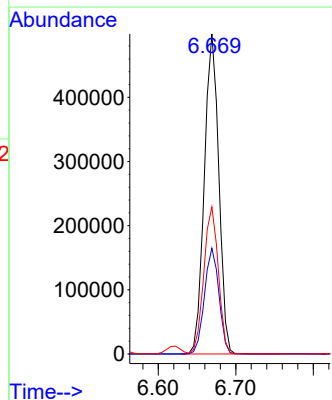
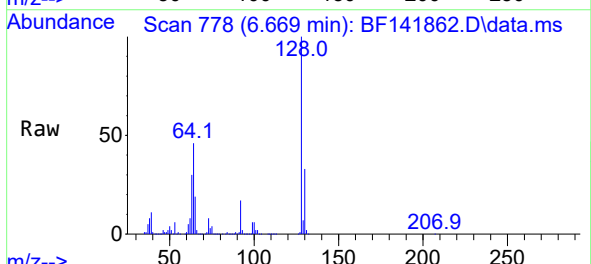
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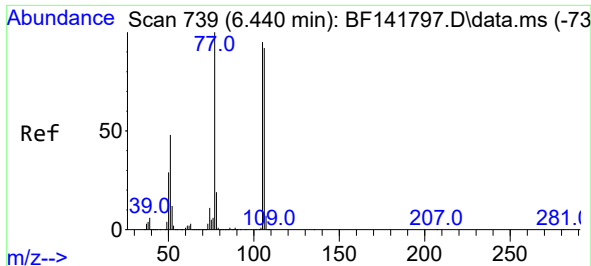
Tgt Ion: 99 Resp: 2131309
Ion Ratio Lower Upper
99 100
42 18.6 15.2 22.8
71 37.3 28.2 42.2



#8
2-Chlorophenol
Concen: 45.40 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:128 Resp: 646113
Ion Ratio Lower Upper
128 100
130 33.1 12.6 52.6
64 46.0 31.1 71.1

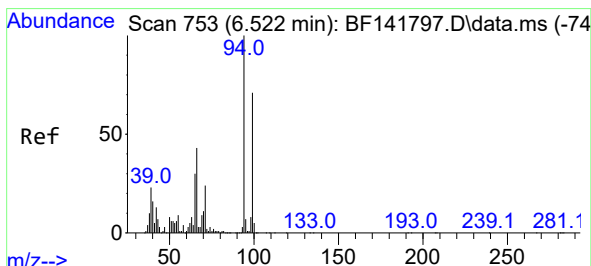
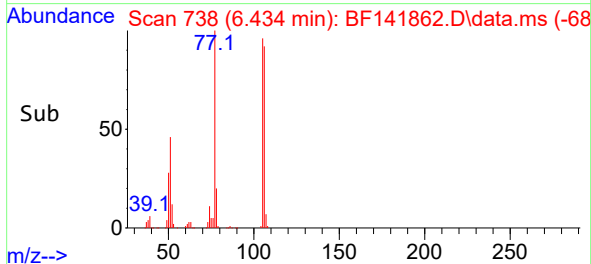
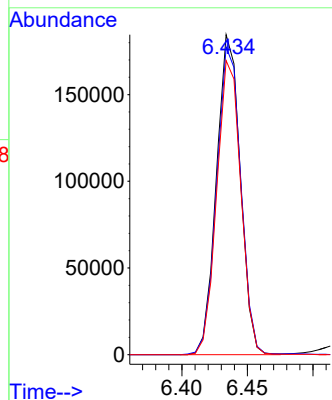
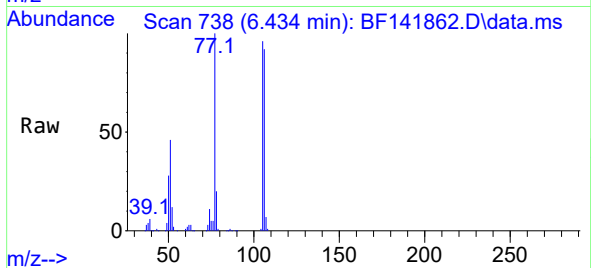




#9
Benzaldehyde
Concen: 23.34 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

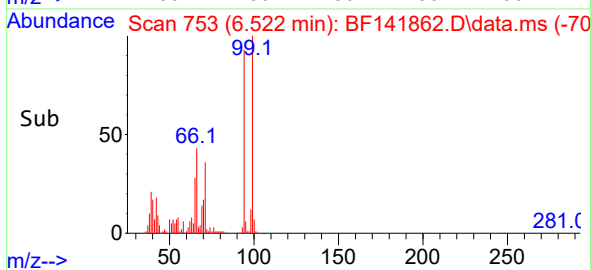
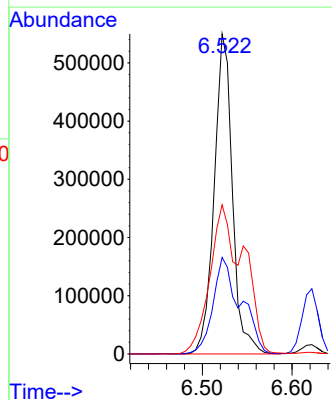
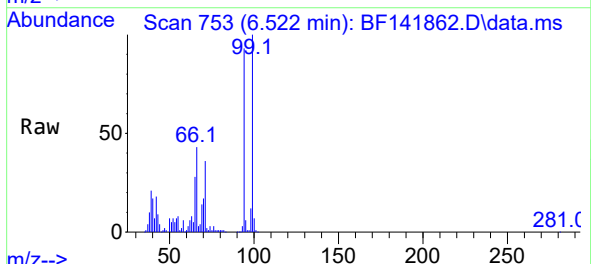
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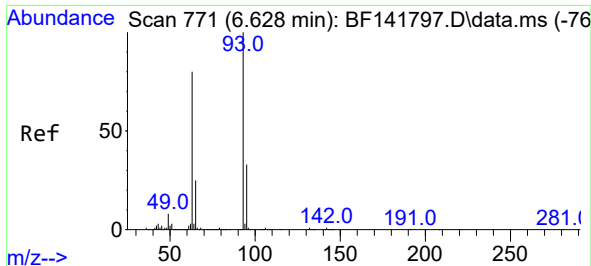
Tgt Ion: 77 Resp: 232462
Ion Ratio Lower Upper
77 100
105 96.2 75.3 115.3
106 91.9 72.3 112.3



#10
Phenol
Concen: 42.38 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141862.D
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Tgt Ion: 94 Resp: 775445
Ion Ratio Lower Upper
94 100
65 30.1 10.2 50.2
66 46.6 23.2 63.2

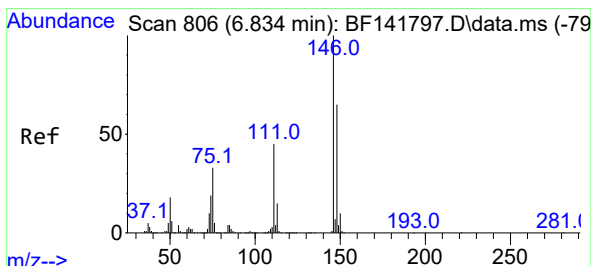
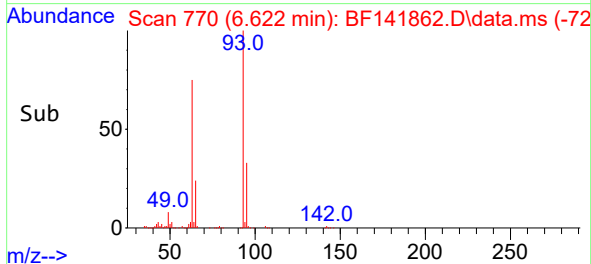
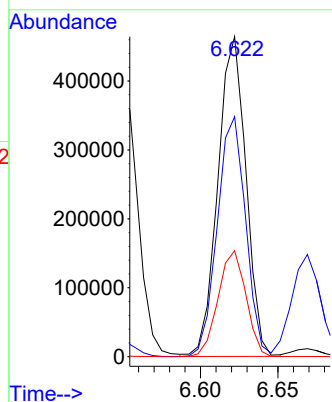
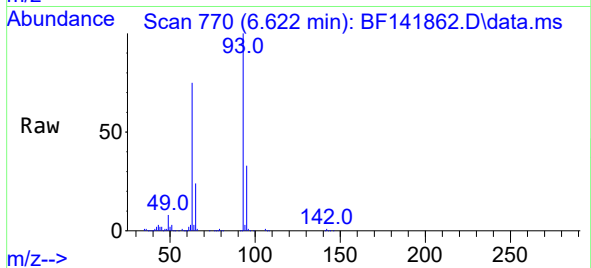




#11
bis(2-Chloroethyl)ether
Concen: 41.91 ng
RT: 6.622 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

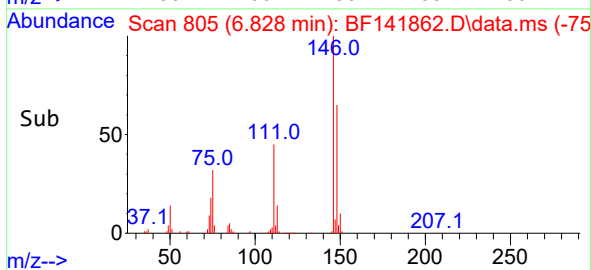
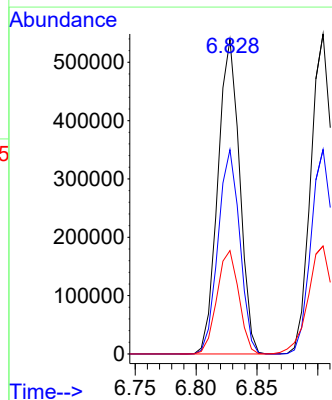
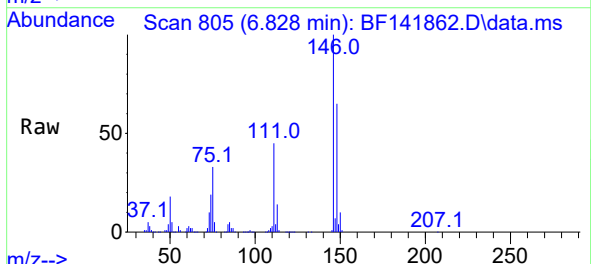
Instrument :
BNA_F
ClientSampleId :
PB166982BS

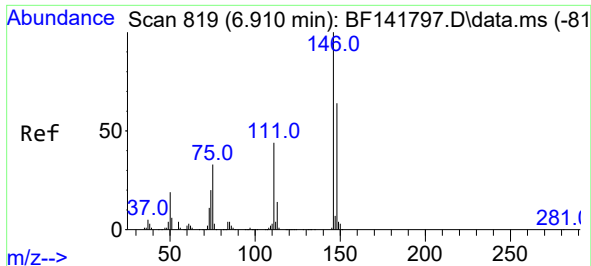
Tgt Ion: 93 Resp: 584519
Ion Ratio Lower Upper
93 100
63 75.0 59.3 99.3
95 33.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 44.03 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 146 Resp: 671014
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
75 32.8 26.2 39.4

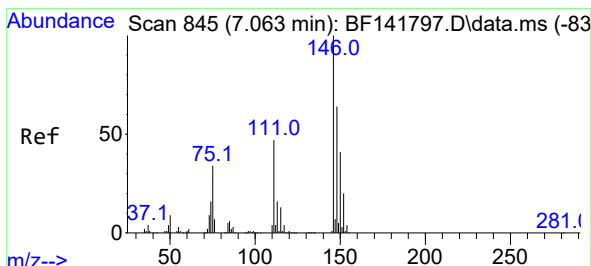
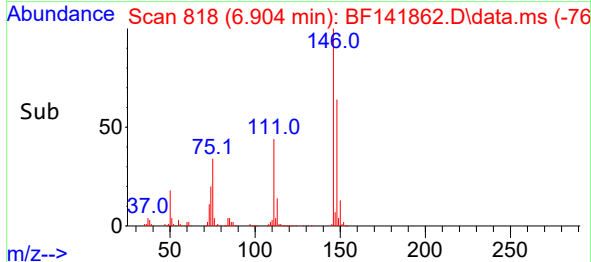
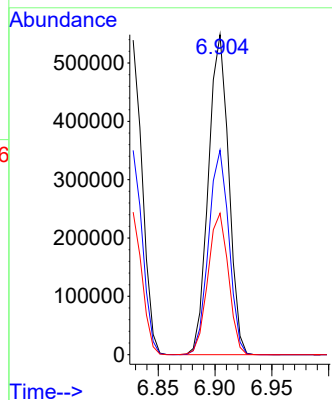
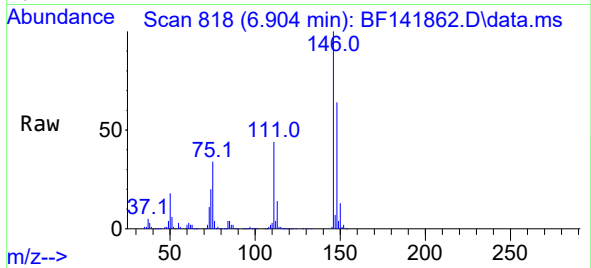




#13
 1,4-Dichlorobenzene
 Concen: 44.34 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

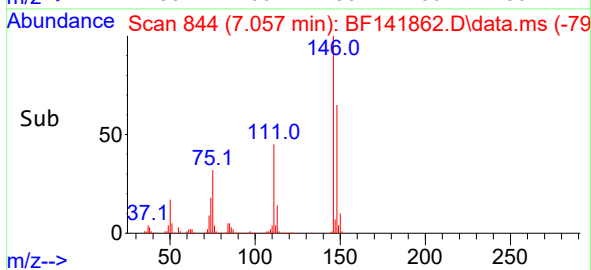
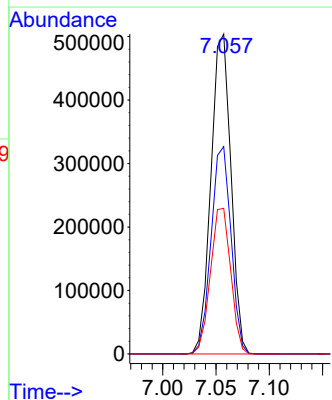
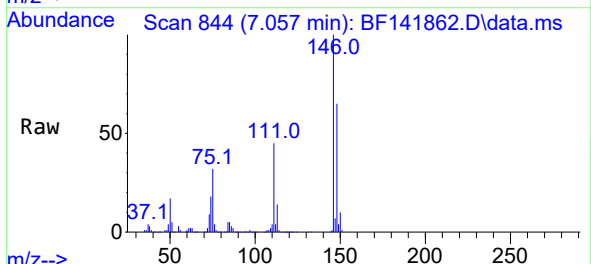
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

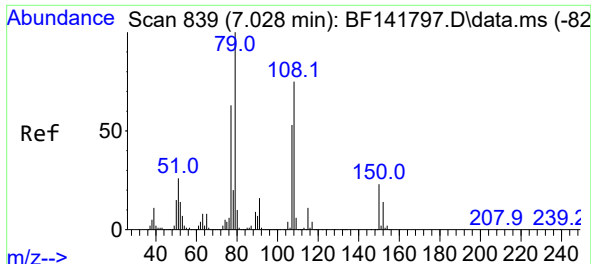
Tgt Ion:146 Resp: 680898
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 44.2 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 45.81 ng
 RT: 7.057 min Scan# 844
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion:146 Resp: 656843
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 45.5 37.8 56.6

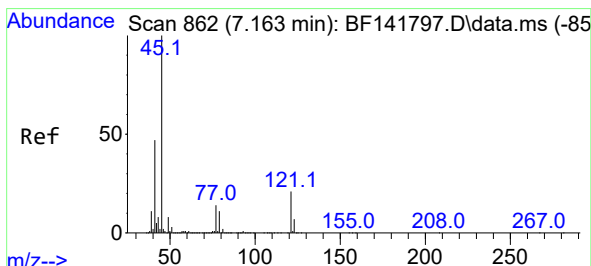
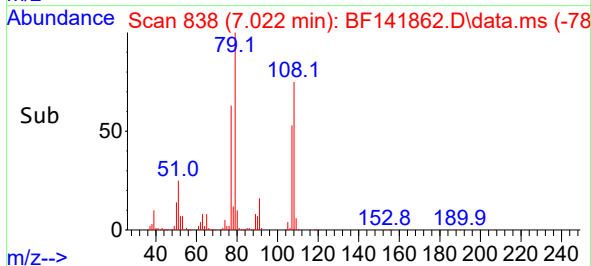
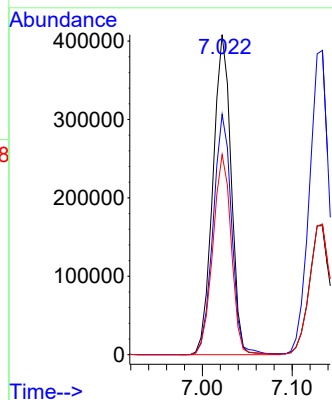
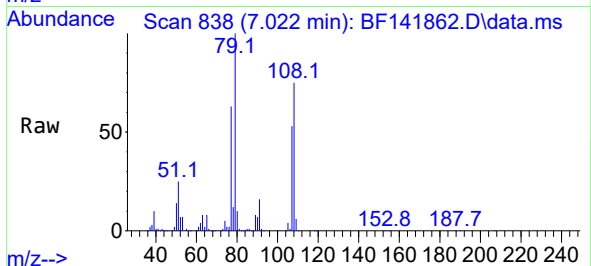




#15
Benzyl Alcohol
Concen: 42.10 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

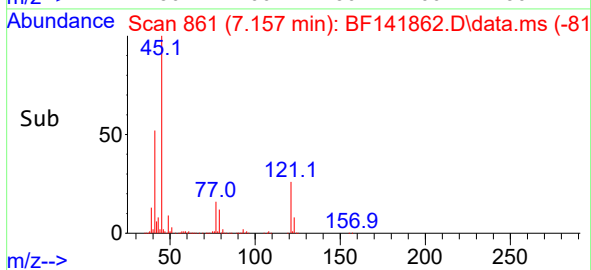
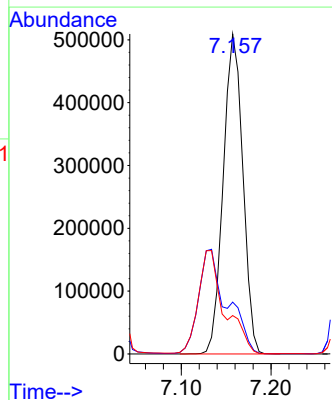
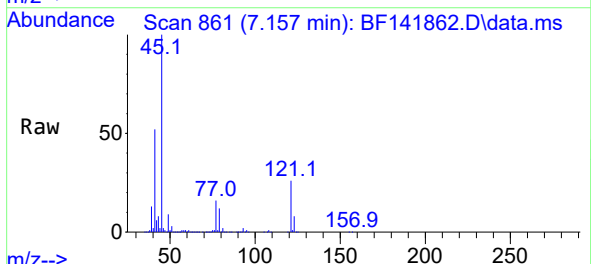
Instrument :
BNA_F
ClientSampleId :
PB166982BS

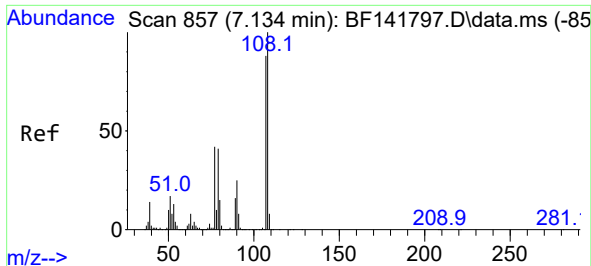
Tgt Ion: 79 Resp: 576121
Ion Ratio Lower Upper
79 100
108 75.1 60.2 90.2
77 62.5 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.43 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 45 Resp: 771714
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.4
79 12.0 0.0 30.9

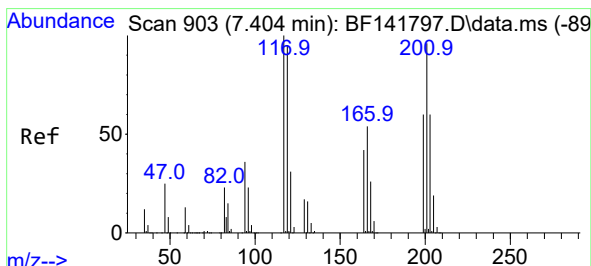
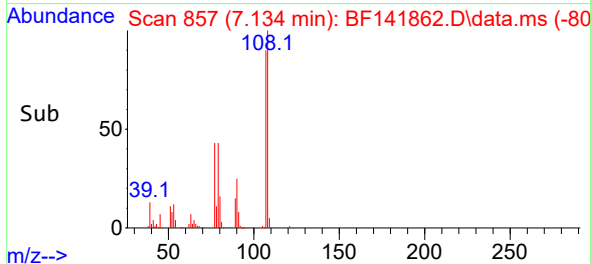
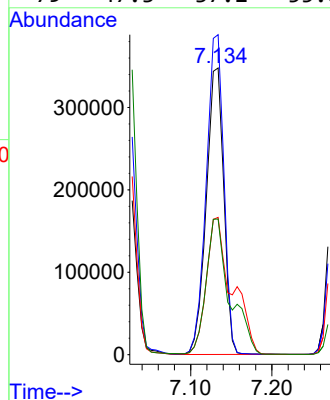
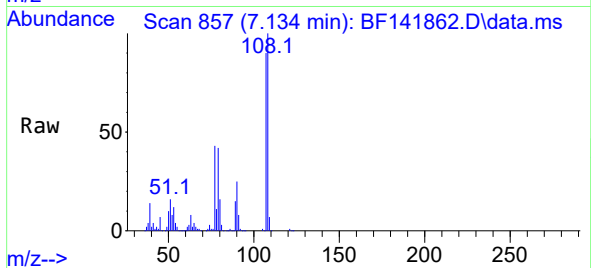




#17
2-Methylphenol
Concen: 44.31 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

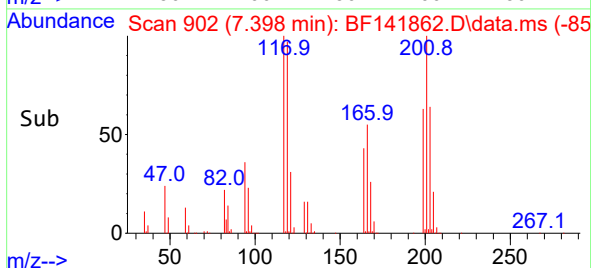
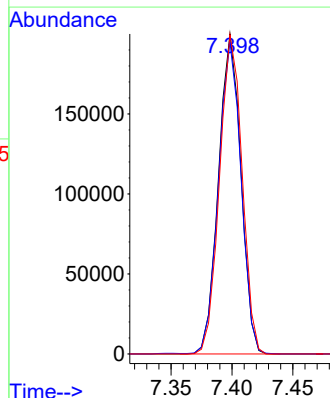
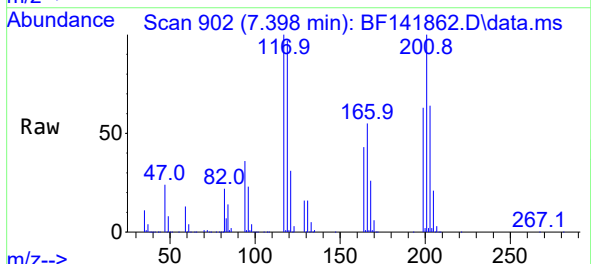
Instrument :
BNA_F
ClientSampleId :
PB166982BS

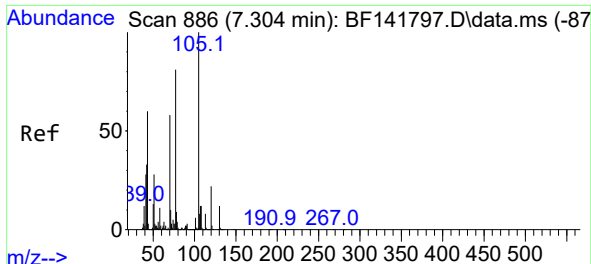
Tgt Ion:107 Resp: 520475
Ion Ratio Lower Upper
107 100
108 111.6 90.6 135.8
77 47.9 37.7 56.5
79 47.3 37.2 55.8



#18
Hexachloroethane
Concen: 44.51 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:117 Resp: 255823
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8
201 99.7 76.7 115.1

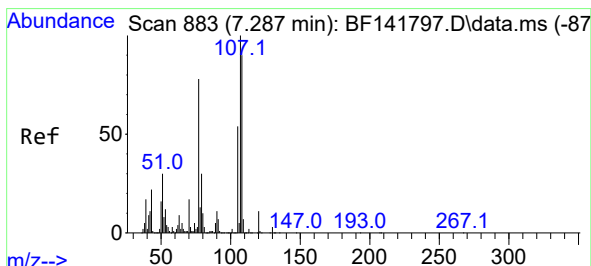
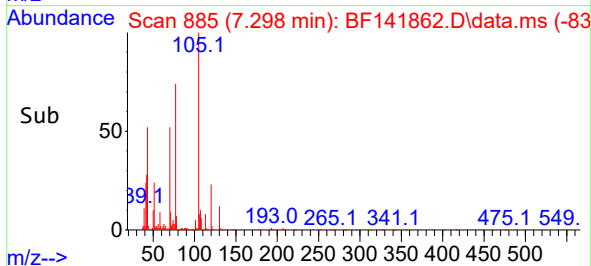
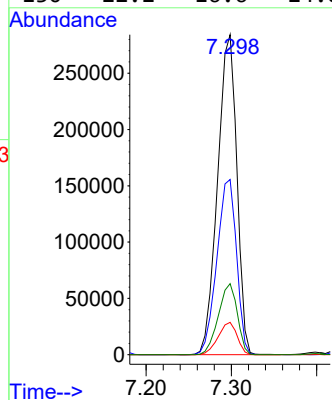
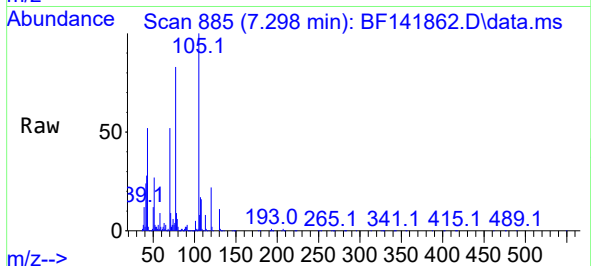




#19
n-Nitroso-di-n-propylamine
Concen: 39.66 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

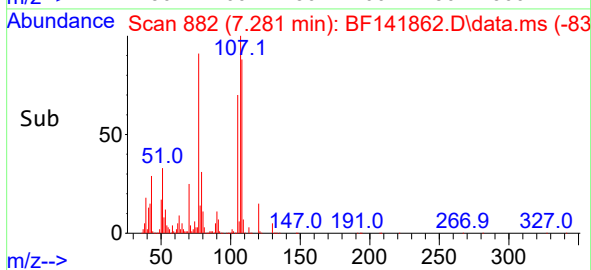
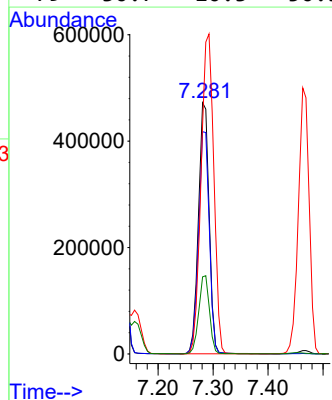
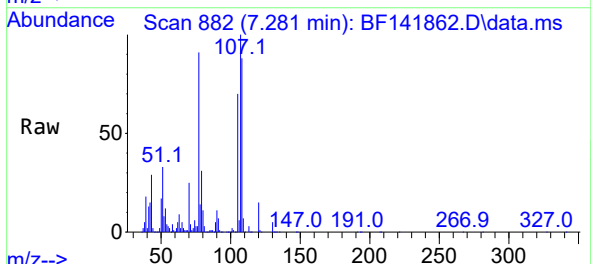
Instrument :
BNA_F
ClientSampleId :
PB166982BS

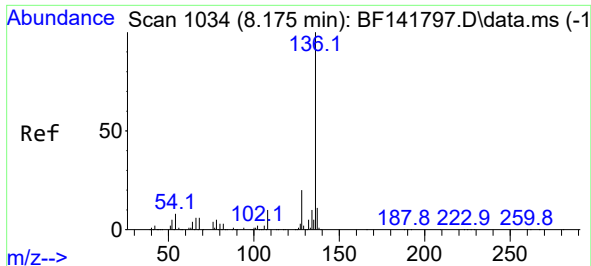
Tgt Ion: 70 Resp: 446393
Ion Ratio Lower Upper
70 100
42 54.7 45.4 68.0
101 10.1 7.8 11.8
130 22.2 16.6 24.8



#20
3+4-Methylphenols
Concen: 43.68 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:107 Resp: 638973
Ion Ratio Lower Upper
107 100
108 88.5 69.7 109.7
77 91.2 58.3 98.3
79 30.7 10.3 50.3



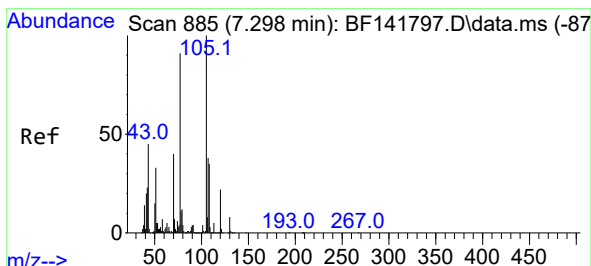
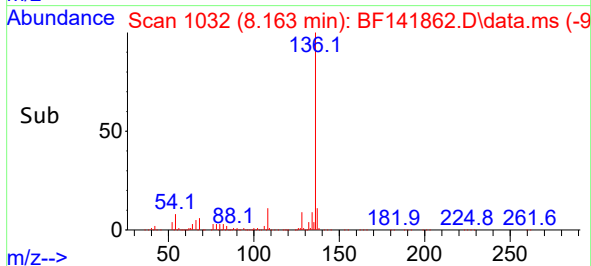
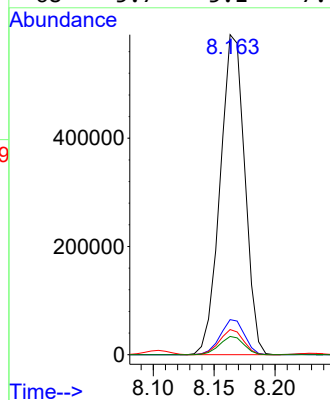
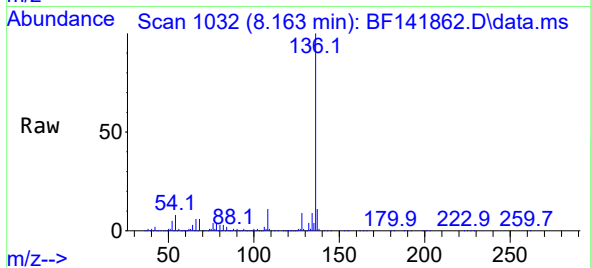


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:136 Resp: 832298

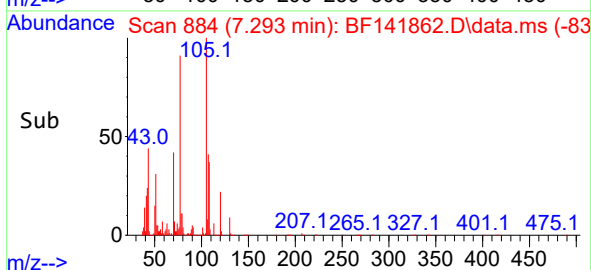
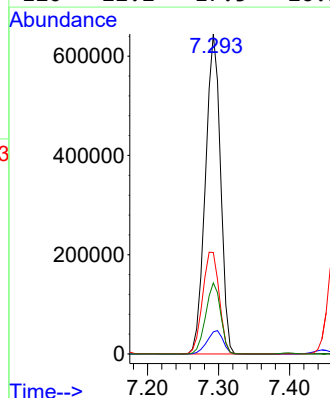
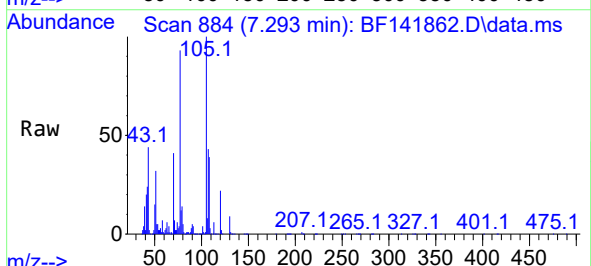
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.9	10.3
68	5.7	5.1	7.7

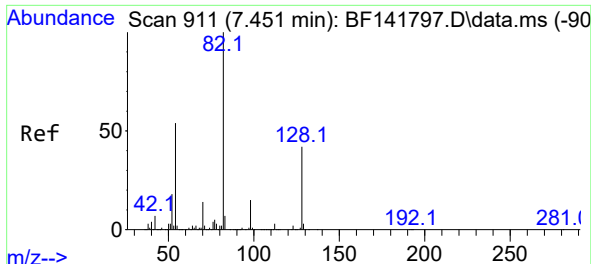


#22
Acetophenone
Concen: 47.13 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:105 Resp: 955429

Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.4	8.0
51	31.7	26.1	39.1
120	22.2	17.5	26.3





#23

Nitrobenzene-d5

Concen: 109.43 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

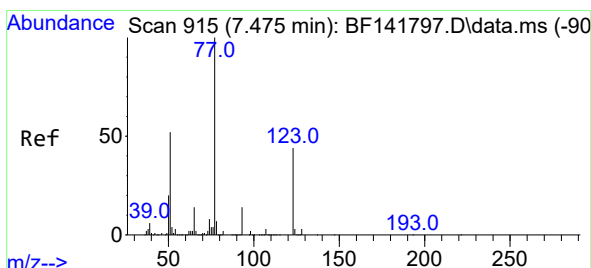
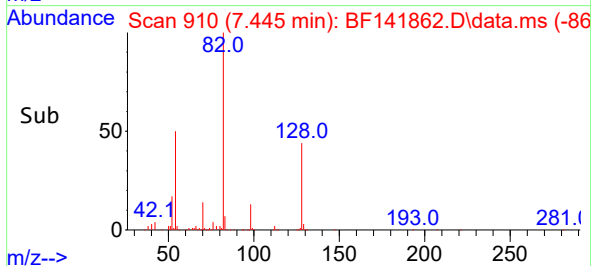
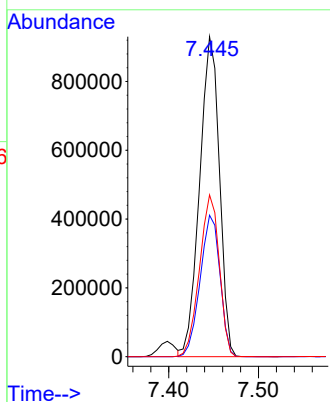
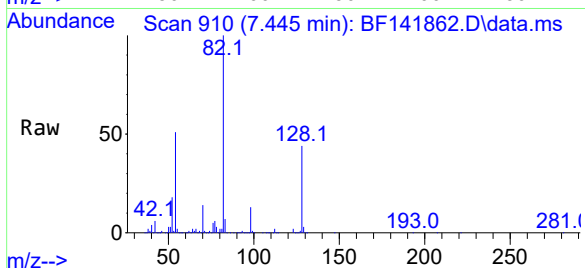
Tgt Ion: 82 Resp: 1424866

Ion Ratio Lower Upper

82 100

128 44.2 33.5 50.3

54 50.5 42.7 64.1



#24

Nitrobenzene

Concen: 48.95 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

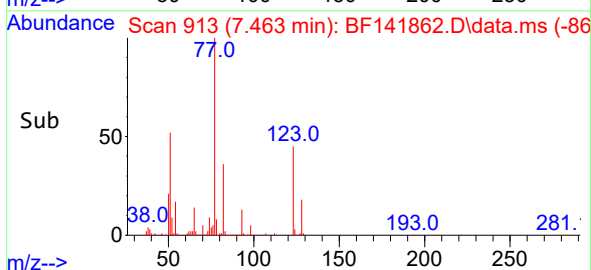
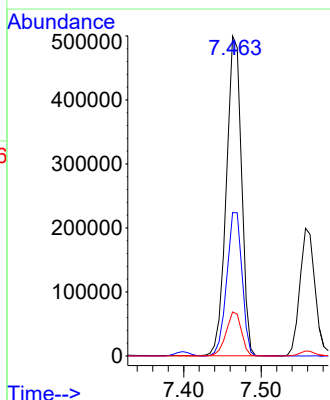
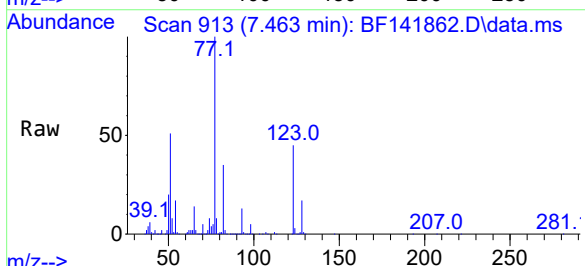
Tgt Ion: 77 Resp: 682517

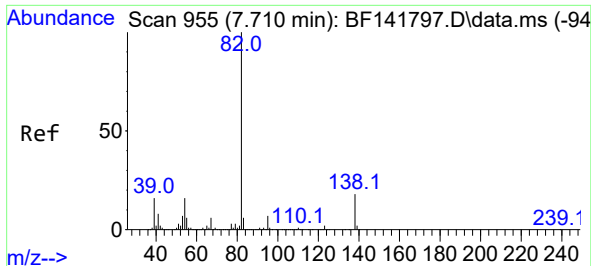
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 13.8 11.2 16.8

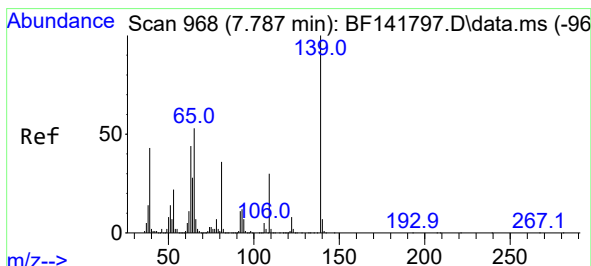
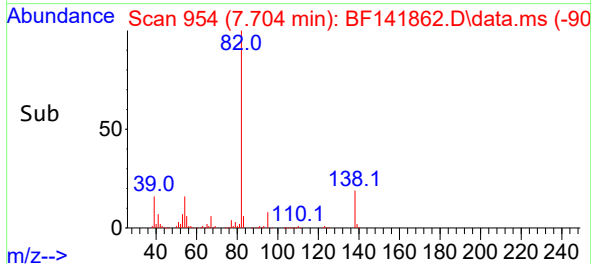
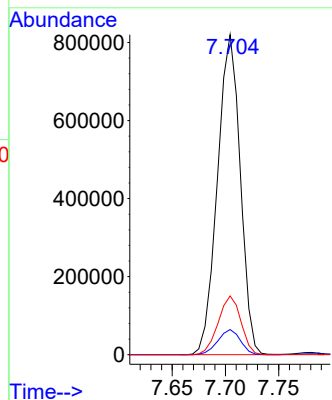
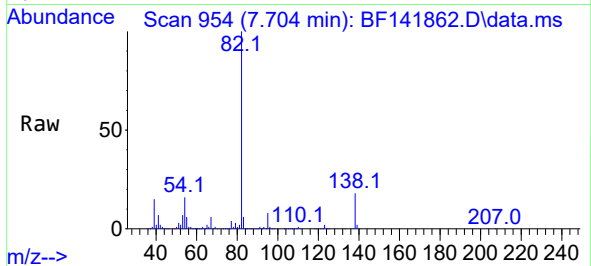




#25
Isophorone
Concen: 43.59 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

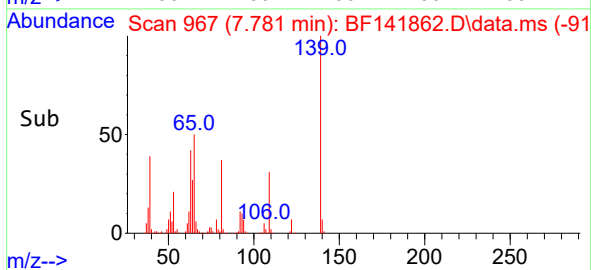
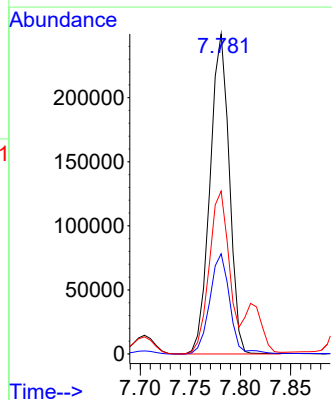
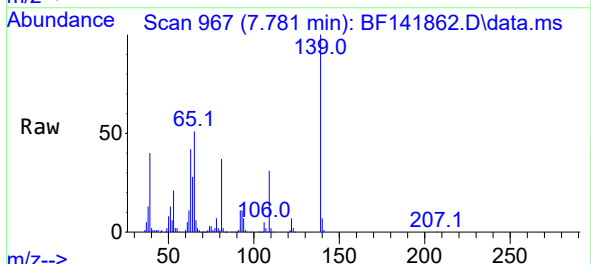
Instrument :
BNA_F
ClientSampleId :
PB166982BS

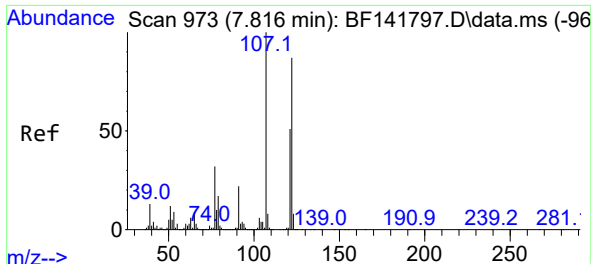
Tgt Ion: 82 Resp: 1219271
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 18.4 14.0 21.0



#26
2-Nitrophenol
Concen: 53.10 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:139 Resp: 334090
Ion Ratio Lower Upper
139 100
109 31.3 24.1 36.1
65 50.9 42.3 63.5

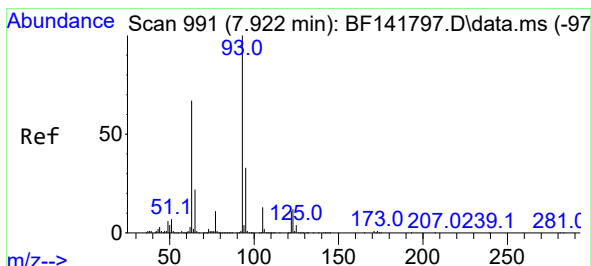
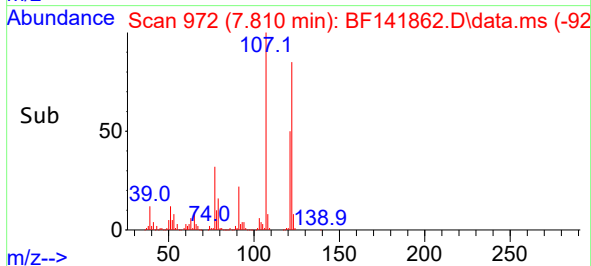
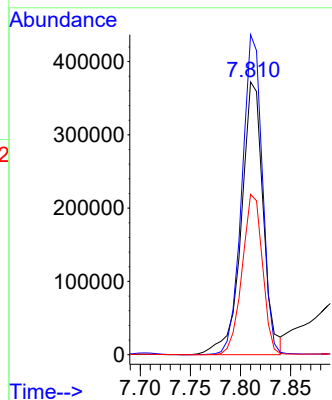
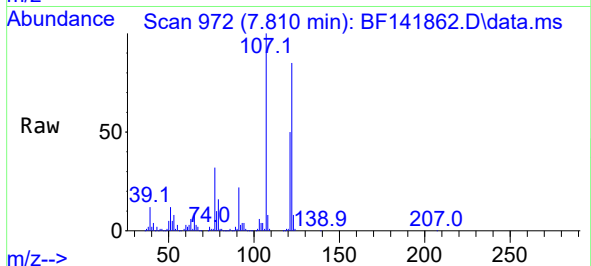




#27
2,4-Dimethylphenol
Concen: 54.92 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

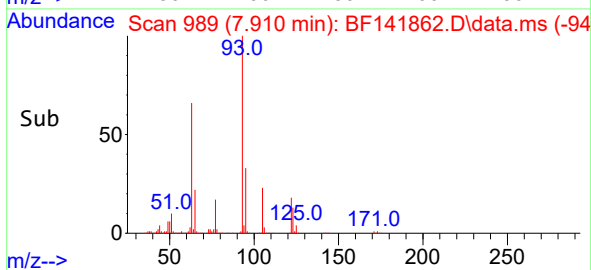
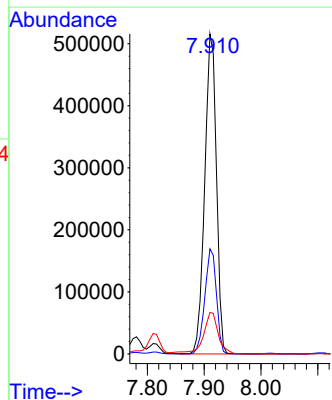
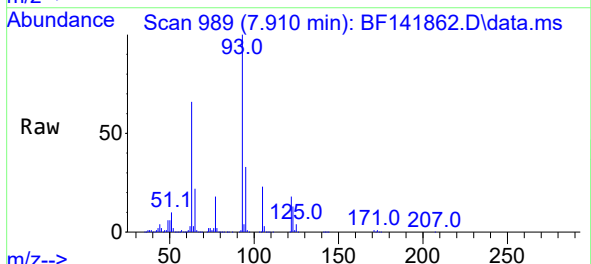
Instrument :
BNA_F
ClientSampleId :
PB166982BS

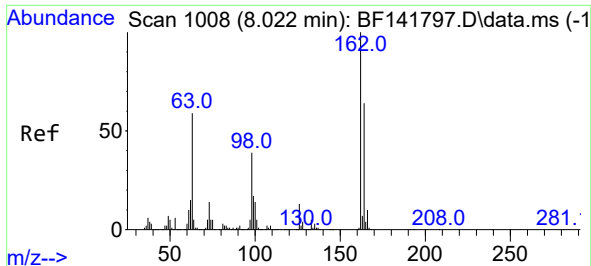
Tgt Ion:122 Resp: 564747
Ion Ratio Lower Upper
122 100
107 117.3 92.5 138.7
121 58.8 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.20 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 93 Resp: 735247
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.92 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

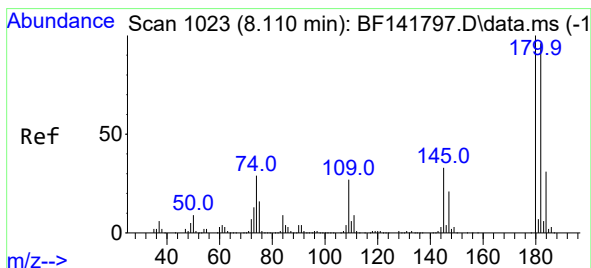
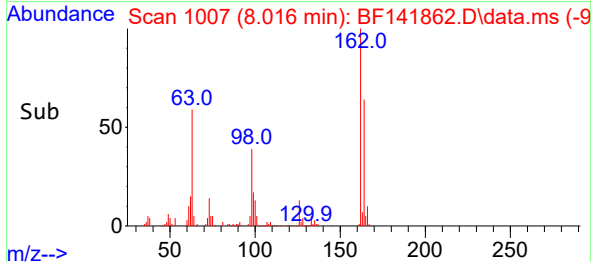
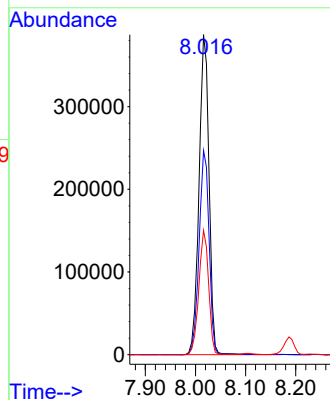
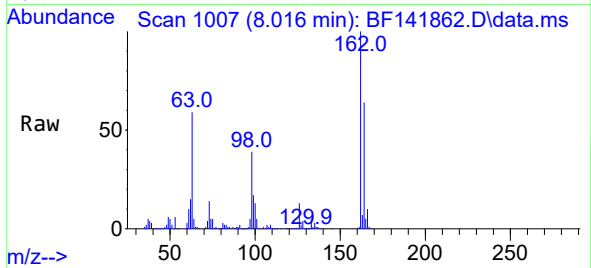
Tgt Ion:162 Resp: 532866

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

98 38.8 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.61 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

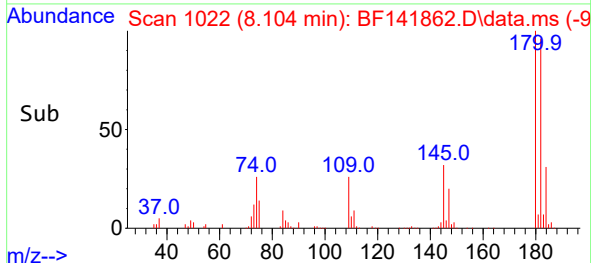
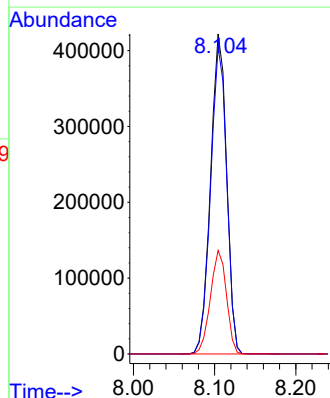
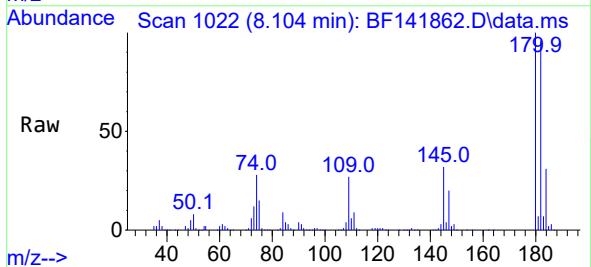
Tgt Ion:180 Resp: 579819

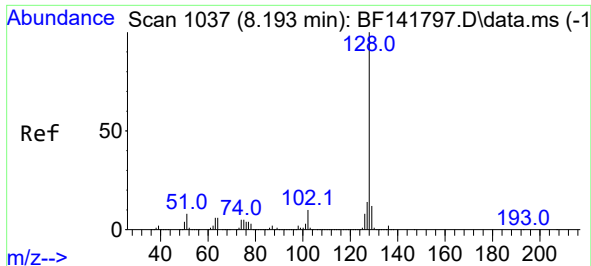
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 32.4 26.4 39.6

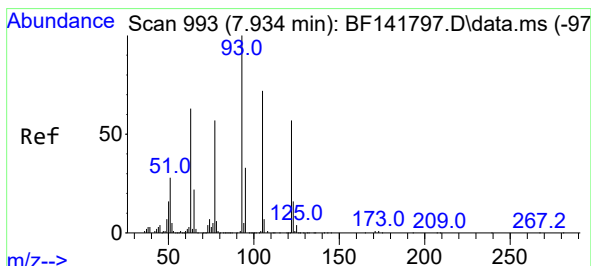
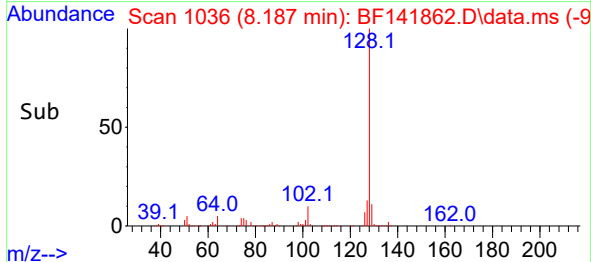
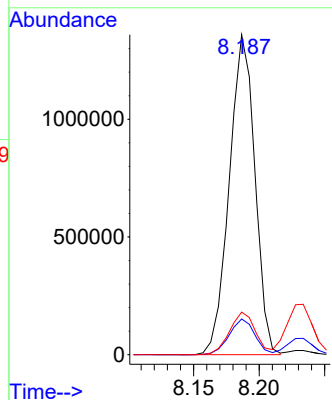
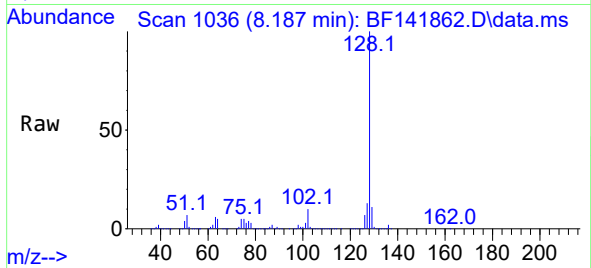




#31
Naphthalene
Concen: 43.17 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

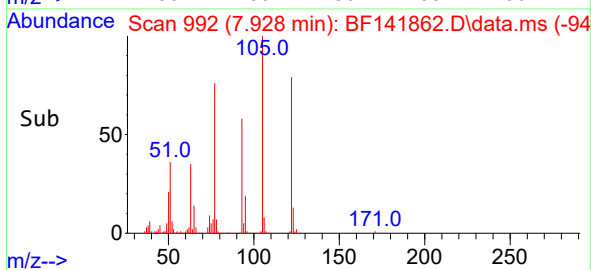
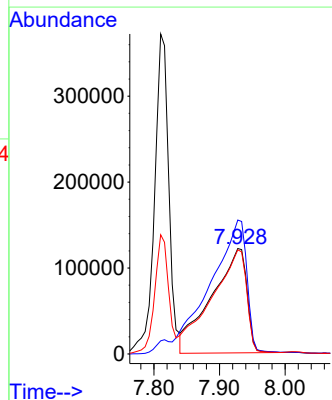
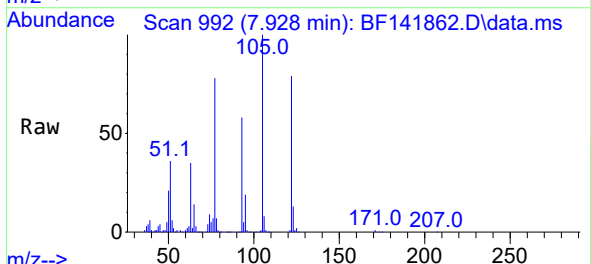
Instrument :
BNA_F
ClientSampleId :
PB166982BS

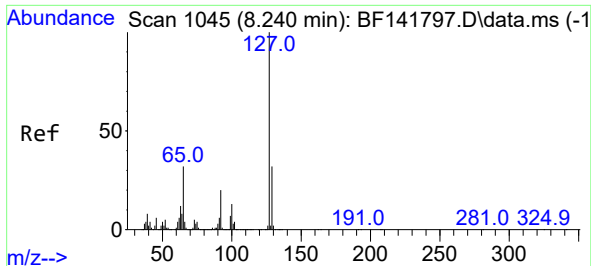
Tgt Ion:128 Resp: 1846658
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 52.28 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:122 Resp: 455664
Ion Ratio Lower Upper
122 100
105 127.1 105.8 145.8
77 98.8 79.9 119.9



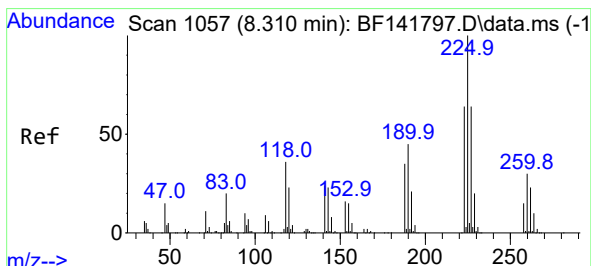
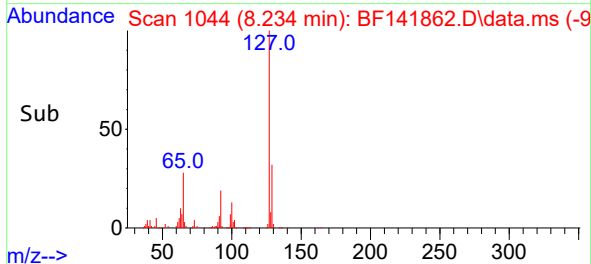
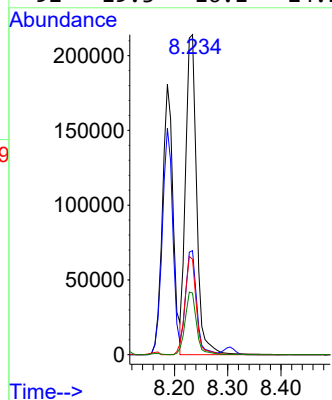
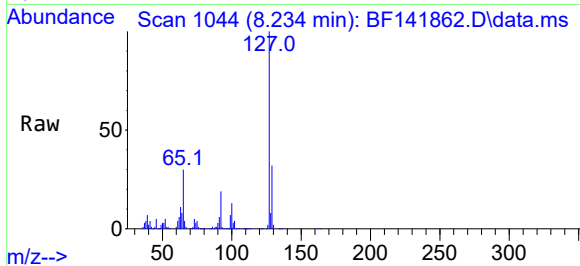


#33
4-Chloroaniline
Concen: 19.73 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:127 Resp: 309388

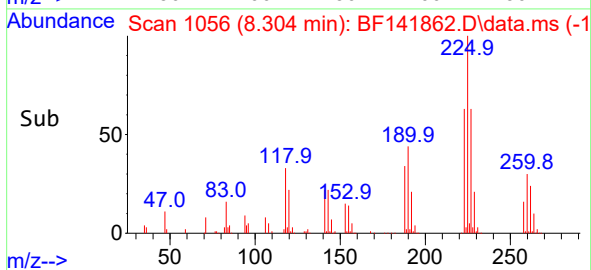
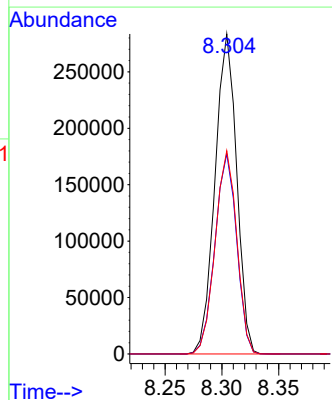
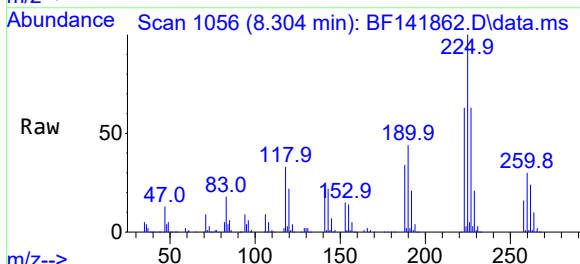
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	29.8	25.7	38.5
92	19.3	16.1	24.1

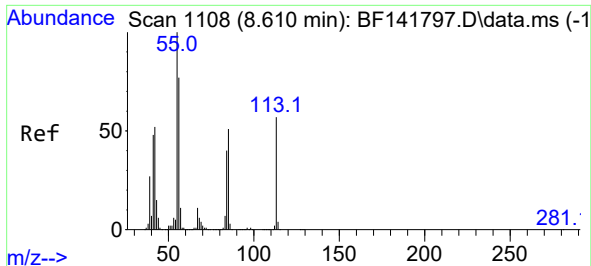


#34
Hexachlorobutadiene
Concen: 46.58 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:225 Resp: 376266

Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.4	77.2
227	63.5	51.6	77.4

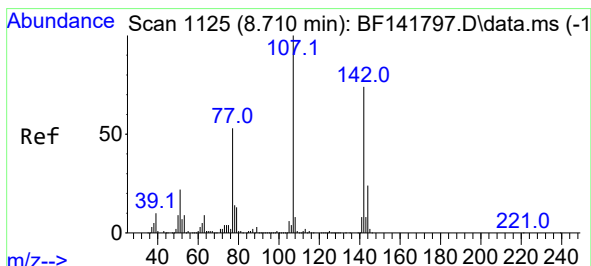
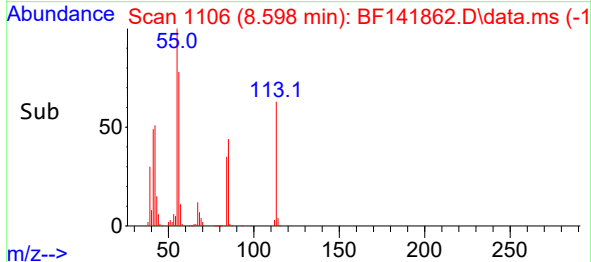
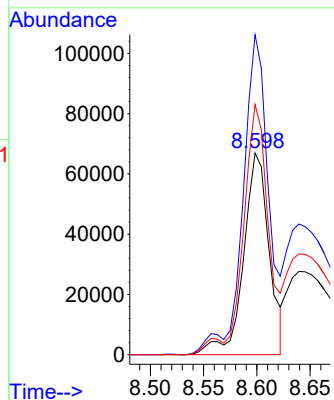
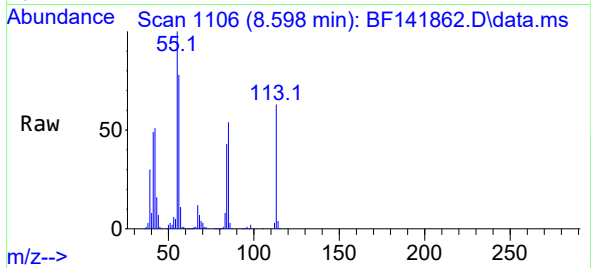




#35
Caprolactam
Concen: 30.63 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

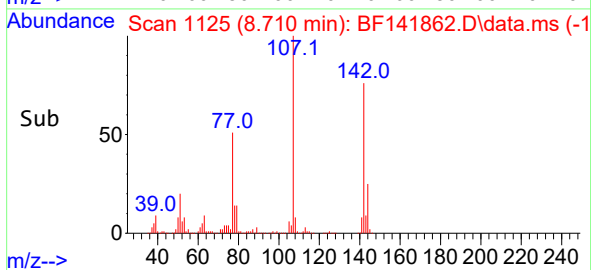
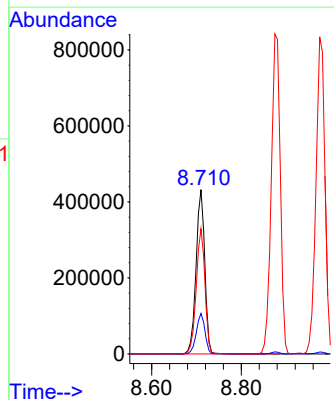
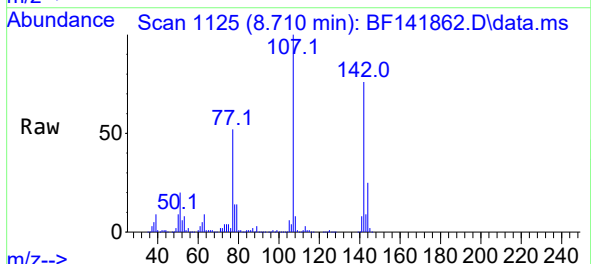
Instrument :
BNA_F
ClientSampleId :
PB166982BS

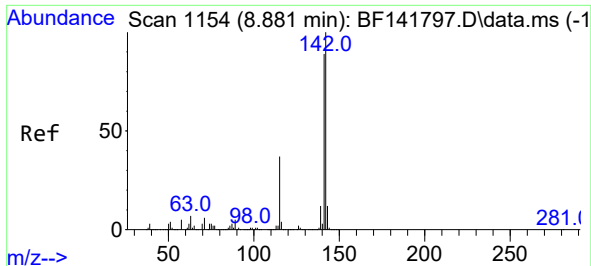
Tgt Ion:113 Resp: 111795
Ion Ratio Lower Upper
113 100
55 158.7 155.6 195.6
56 124.1 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 44.30 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:107 Resp: 583807
Ion Ratio Lower Upper
107 100
144 24.6 19.4 29.0
142 76.2 59.4 89.0

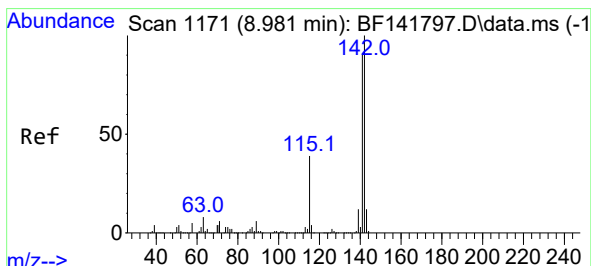
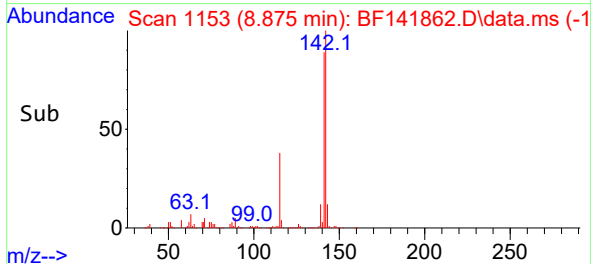
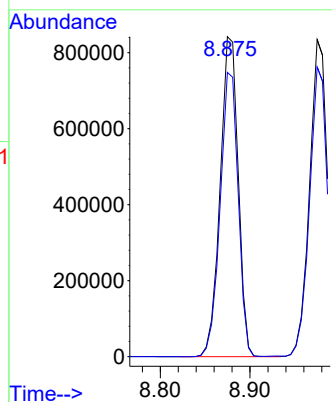
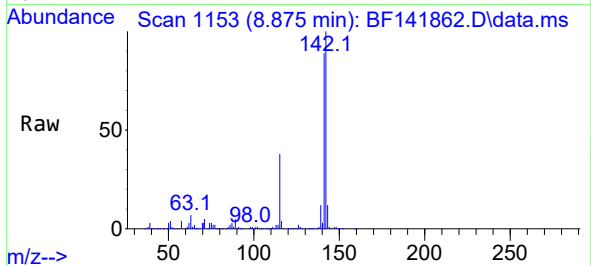




#37
2-Methylnaphthalene
Concen: 41.82 ng
RT: 8.875 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

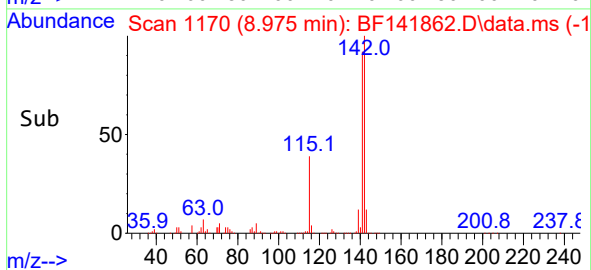
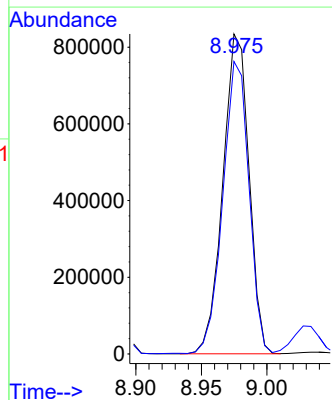
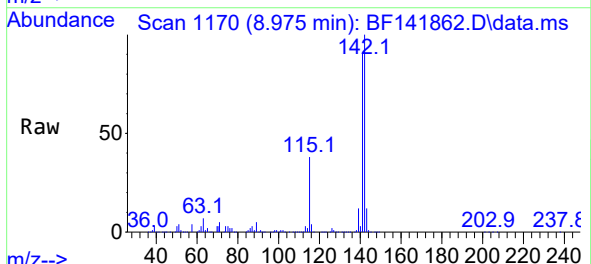
Instrument :
BNA_F
ClientSampleId :
PB166982BS

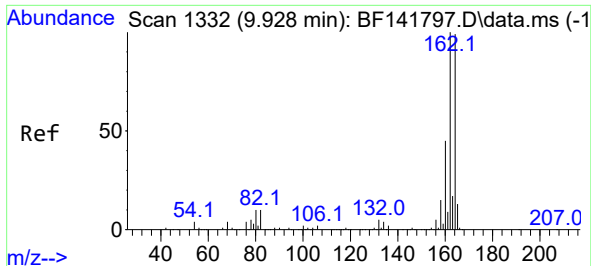
Tgt Ion:142 Resp: 1173483
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.90 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:142 Resp: 1154869
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

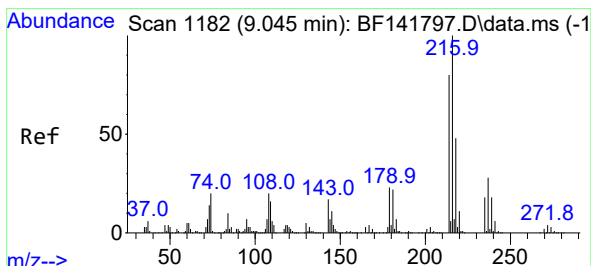
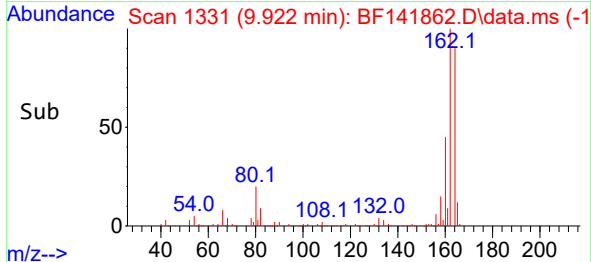
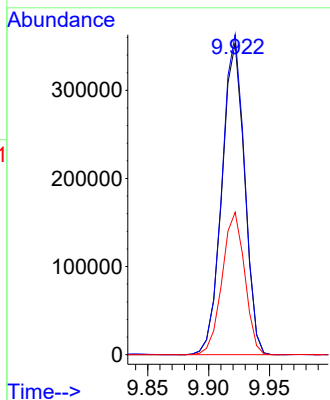
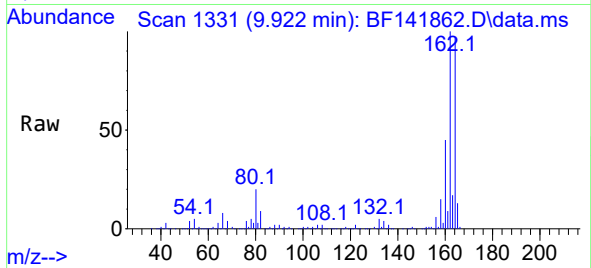




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

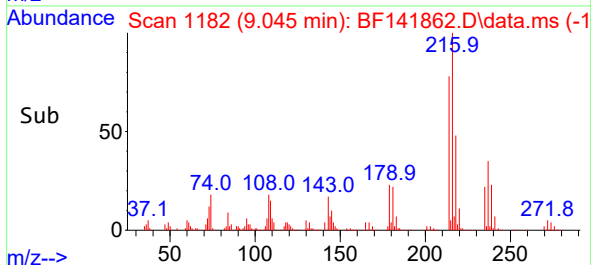
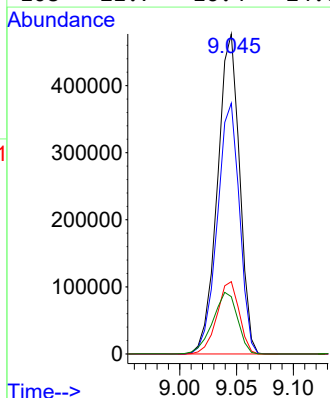
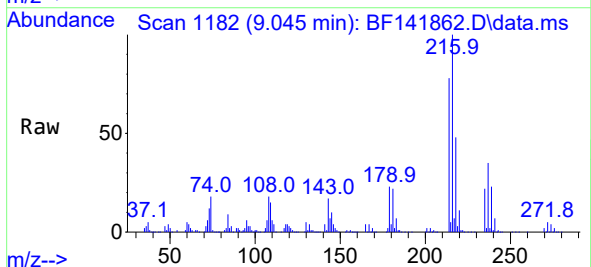
Instrument :
BNA_F
ClientSampleId :
PB166982BS

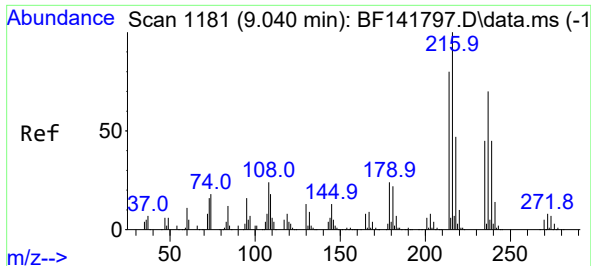
Tgt Ion:164 Resp: 456822
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 45.7 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.93 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:216 Resp: 645530
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 22.7 18.1 27.1
108 21.7 16.4 24.6

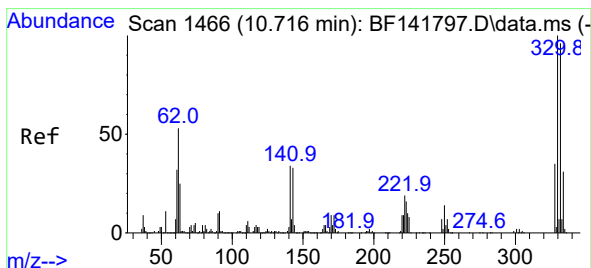
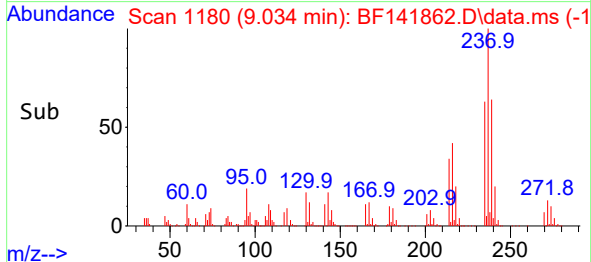
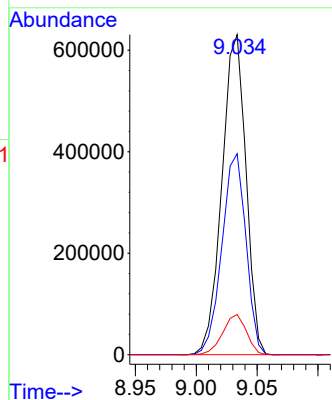
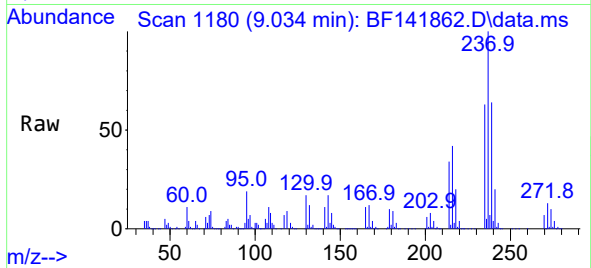




#41
Hexachlorocyclopentadiene
Concen: 157.70 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

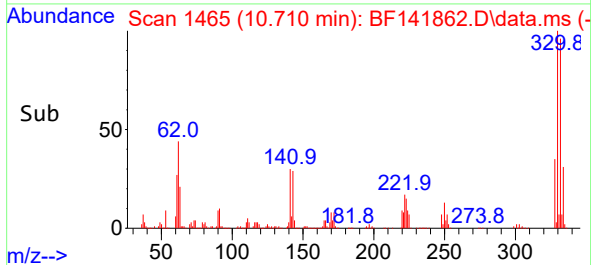
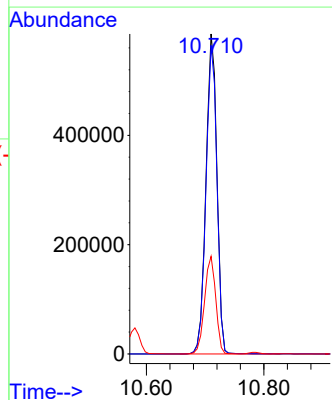
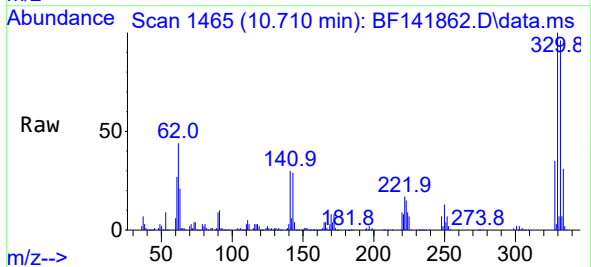
Instrument :
BNA_F
ClientSampleId :
PB166982BS

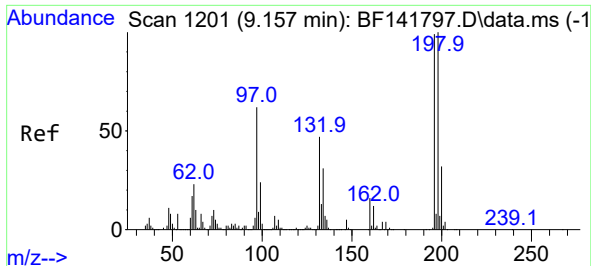
Tgt Ion:237 Resp: 868319
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 176.54 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:330 Resp: 757115
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 31.1 29.0 43.4

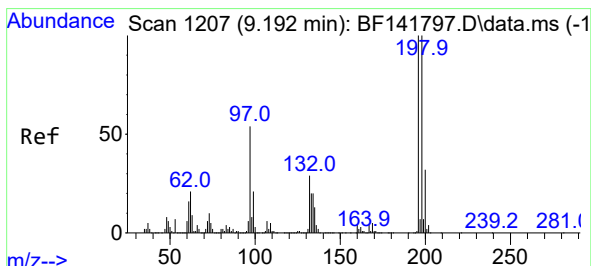
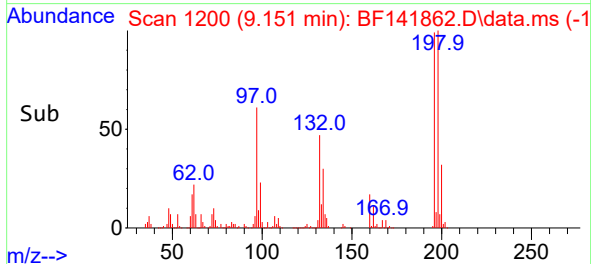
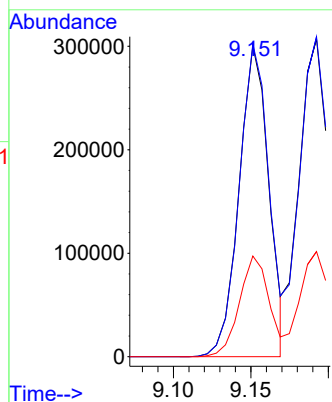
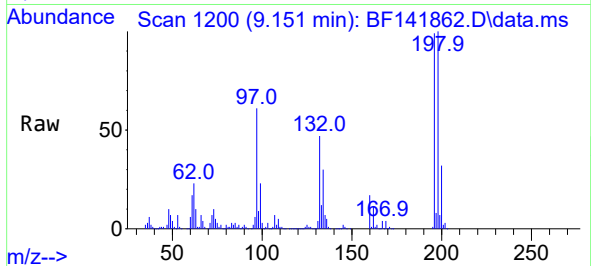




#43
2,4,6-Trichlorophenol
Concen: 46.99 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

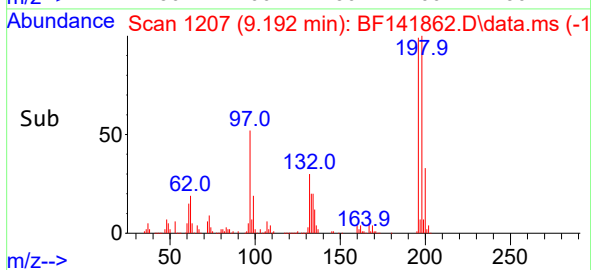
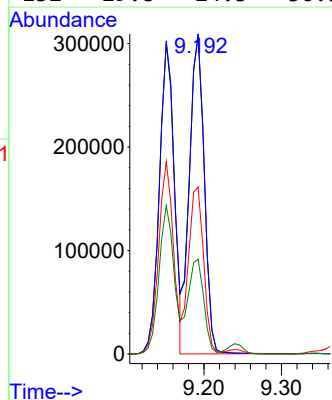
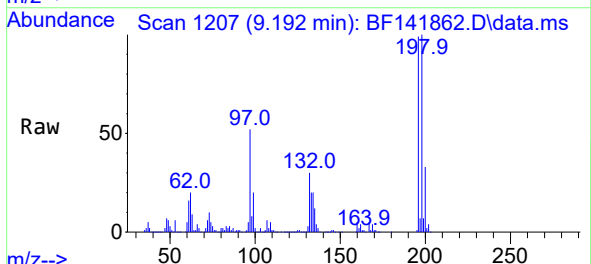
Instrument :
BNA_F
ClientSampleId :
PB166982BS

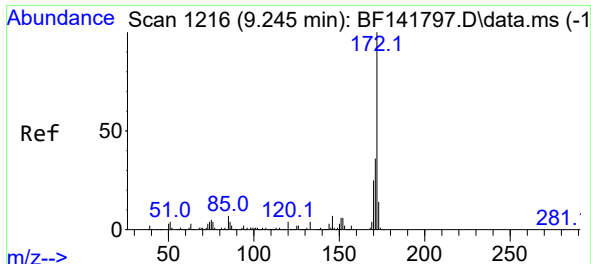
Tgt Ion:196 Resp: 400502
Ion Ratio Lower Upper
196 100
198 100.7 80.4 120.6
200 32.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.57 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:196 Resp: 409928
Ion Ratio Lower Upper
196 100
198 100.7 79.7 119.5
97 52.6 44.2 66.2
132 29.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 94.70 ng

RT: 9.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

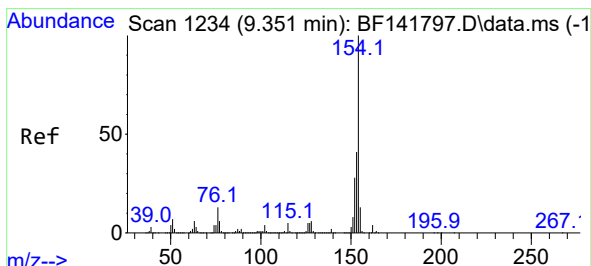
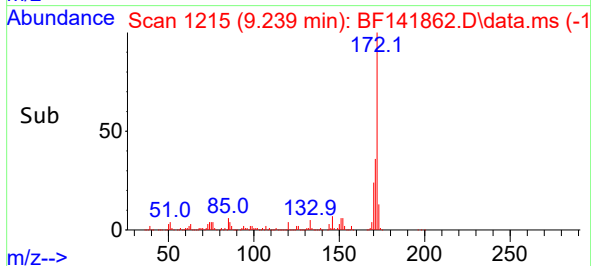
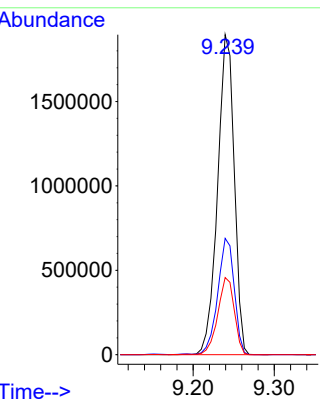
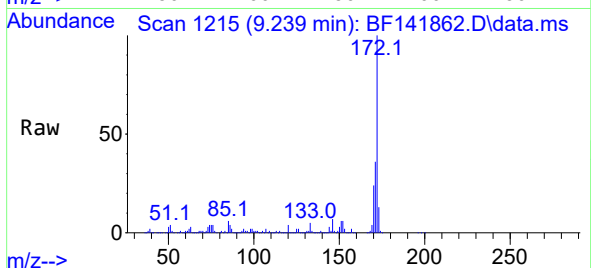
BNA_F

ClientSampleId :

PB166982BS

Tgt Ion:172 Resp: 2698143

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.1	19.7	29.5



#46

1,1'-Biphenyl

Concen: 47.93 ng

RT: 9.339 min Scan# 1232

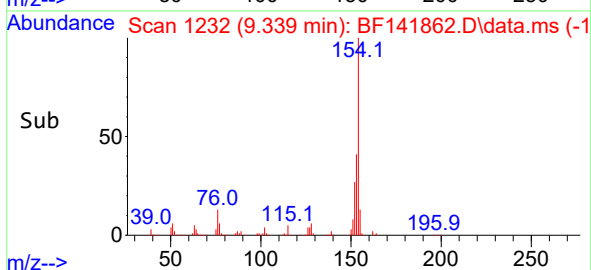
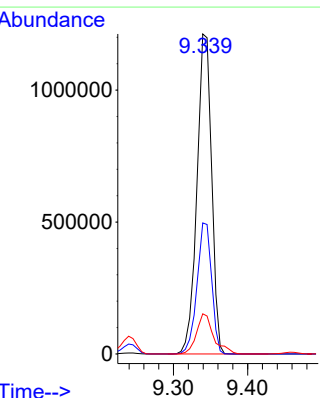
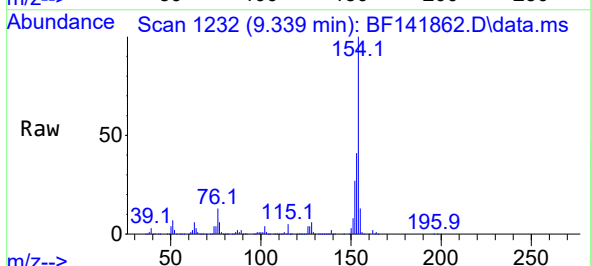
Delta R.T. -0.012 min

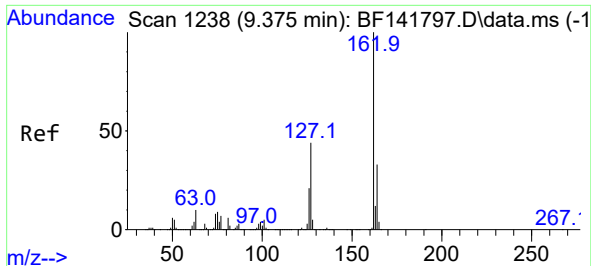
Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Tgt Ion:154 Resp: 1666460

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	12.6	0.0	33.4





#47

2-Chloronaphthalene

Concen: 44.39 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166982BS

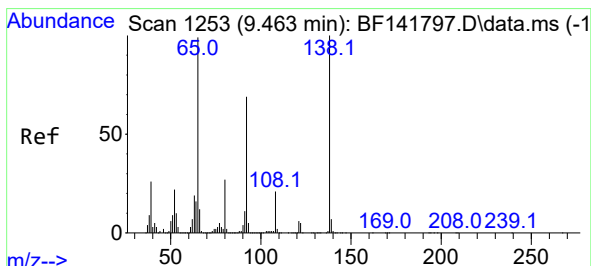
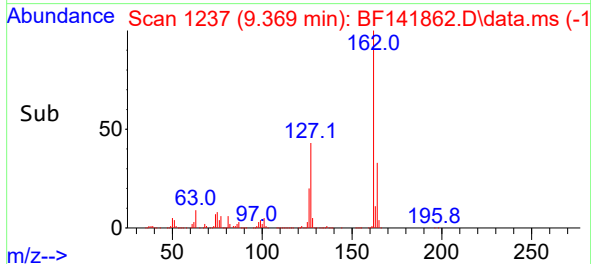
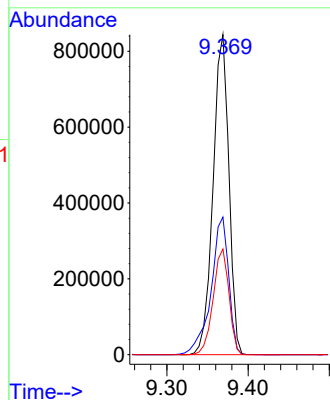
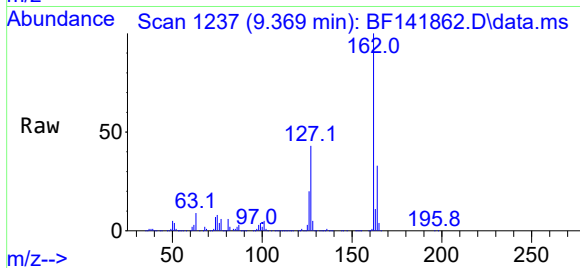
Tgt Ion:162 Resp: 1139340

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.6

164 33.0 26.6 40.0



#48

2-Nitroaniline

Concen: 51.16 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

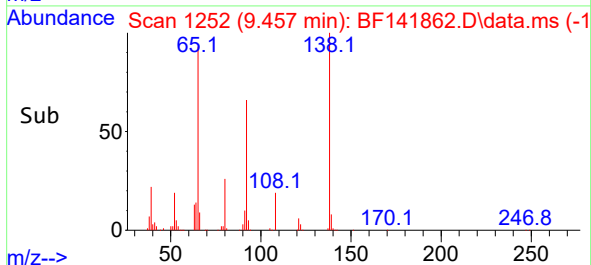
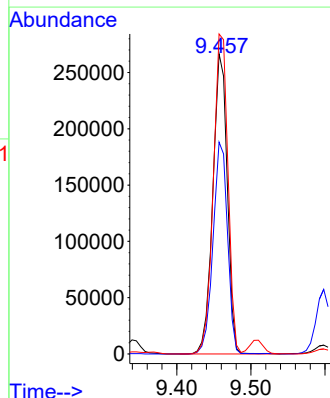
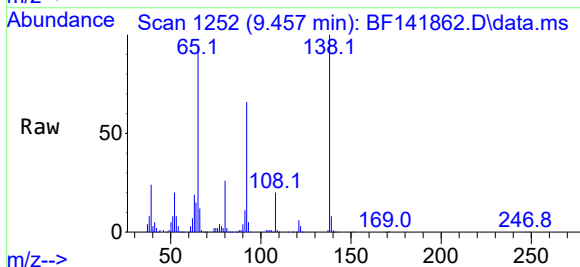
Tgt Ion: 65 Resp: 361580

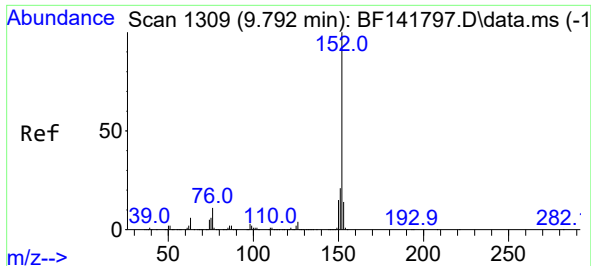
Ion Ratio Lower Upper

65 100

92 70.6 55.7 83.5

138 106.6 80.6 121.0





#49

Acenaphthylene

Concen: 46.76 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Instrument :

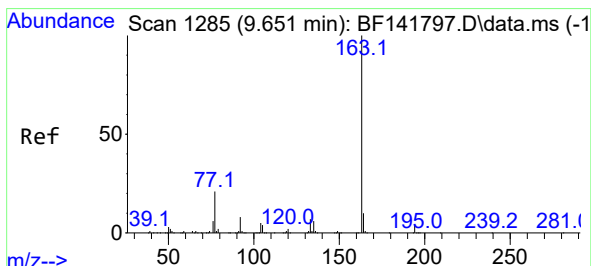
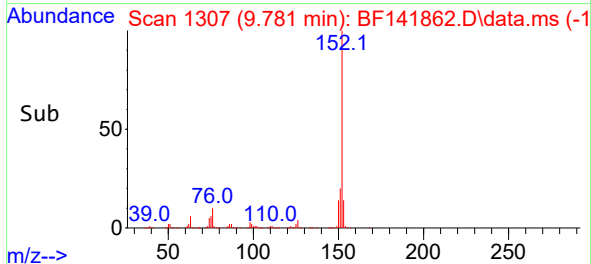
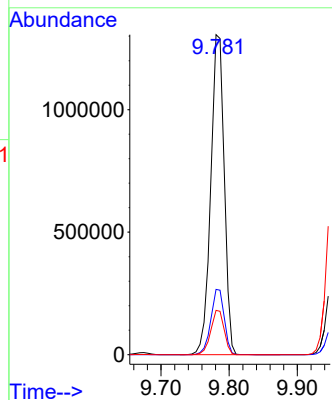
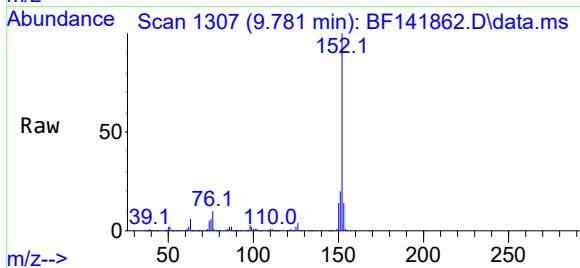
BNA_F

ClientSampleId :

PB166982BS

Tgt Ion:152 Resp: 1799062

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.9	11.2	16.8



#50

Dimethylphthalate

Concen: 44.82 ng

RT: 9.645 min Scan# 1284

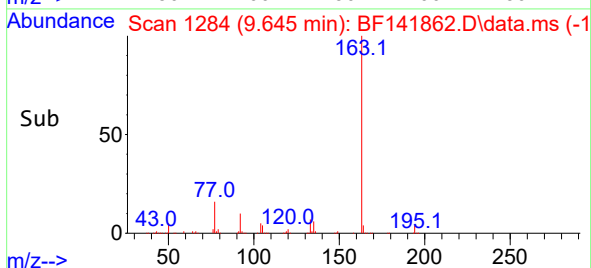
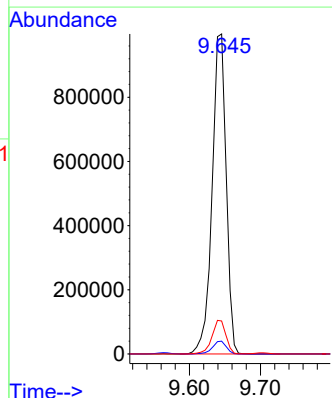
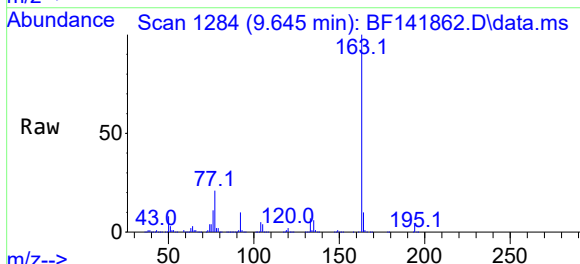
Delta R.T. -0.006 min

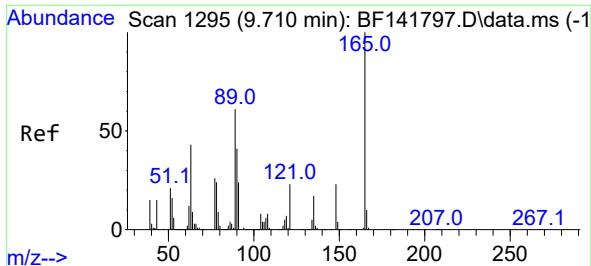
Lab File: BF141862.D

Acq: 06 Mar 2025 11:51

Tgt Ion:163 Resp: 1371047

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.3	8.4	12.6

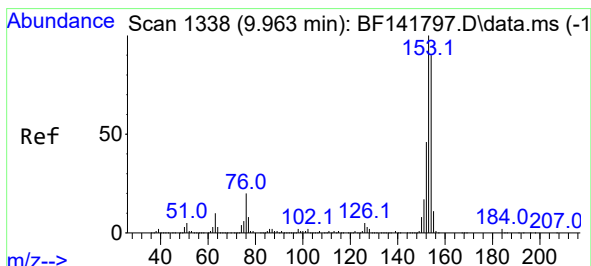
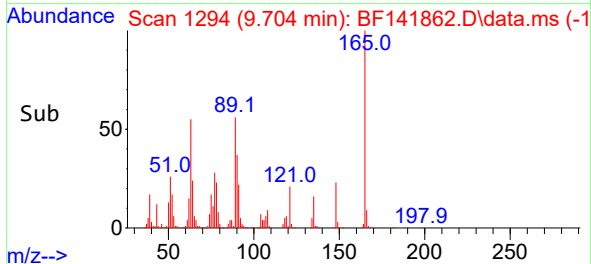
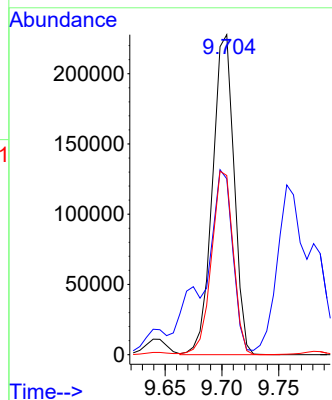
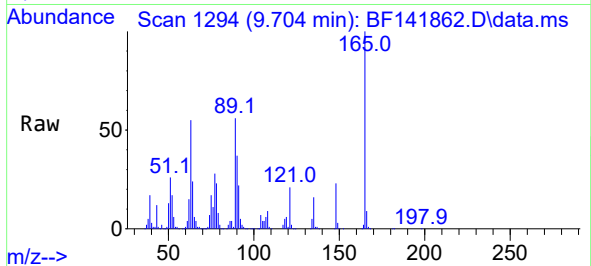




#51
2,6-Dinitrotoluene
Concen: 51.24 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

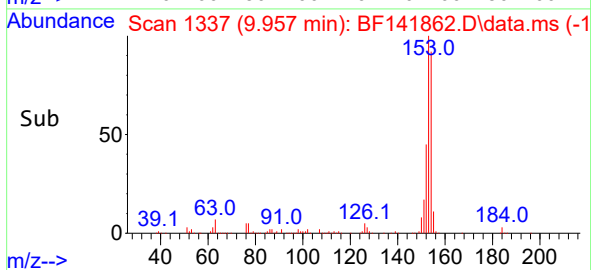
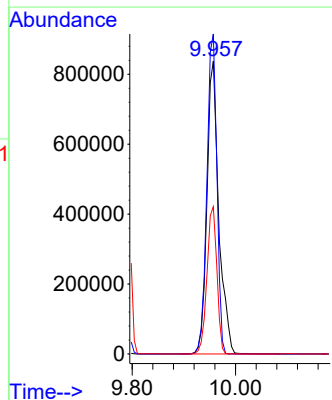
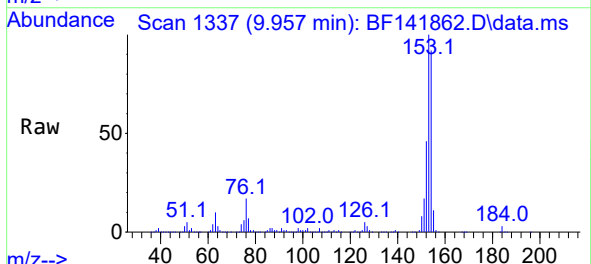
Instrument :
BNA_F
ClientSampleId :
PB166982BS

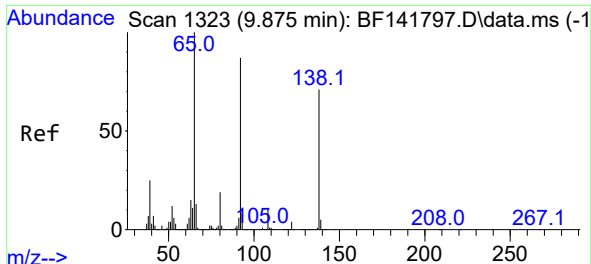
Tgt Ion:165 Resp: 301079
Ion Ratio Lower Upper
165 100
63 55.0 49.5 74.3
89 56.0 49.0 73.4



#52
Acenaphthene
Concen: 51.24 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:154 Resp: 1330436
Ion Ratio Lower Upper
154 100
153 109.2 88.7 133.1
152 50.3 40.9 61.3

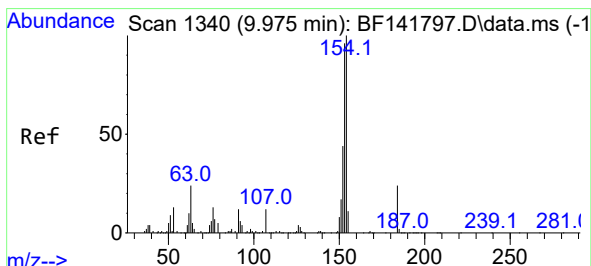
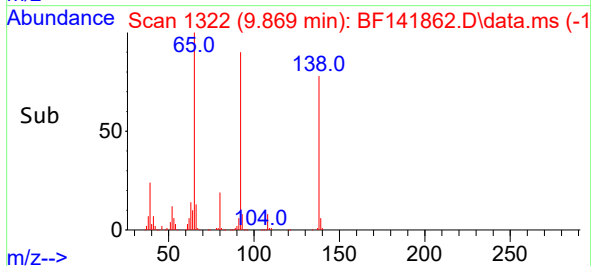
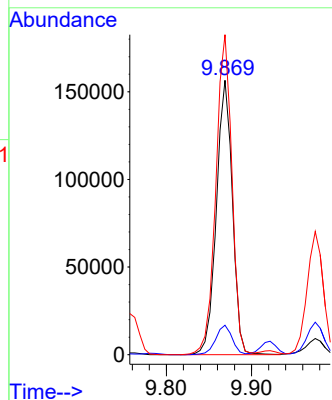
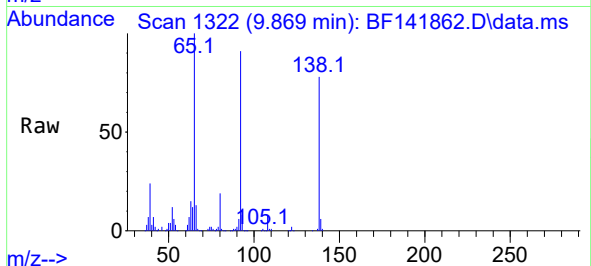




#53
3-Nitroaniline
Concen: 33.75 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

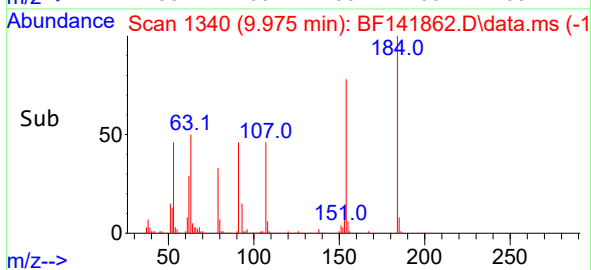
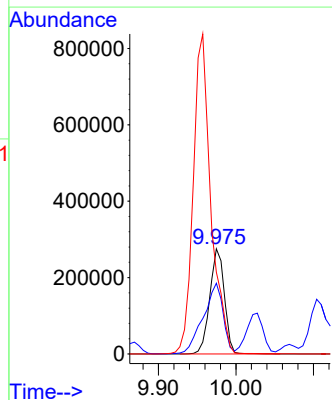
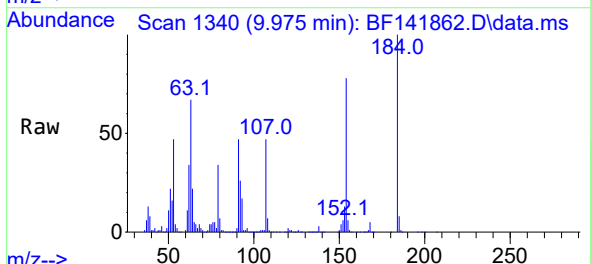
Instrument :
BNA_F
ClientSampleId :
PB166982BS

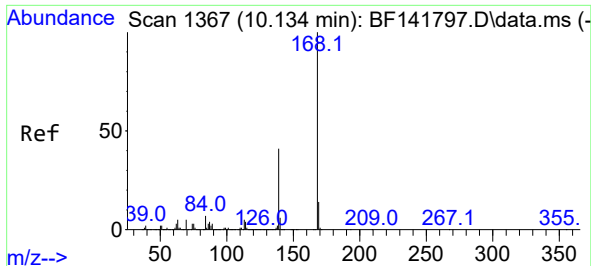
Tgt Ion:138 Resp: 204507
Ion Ratio Lower Upper
138 100
108 10.8 12.7 19.1#
92 116.6 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 116.23 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:184 Resp: 360919
Ion Ratio Lower Upper
184 100
63 67.3 79.0 118.6#
154 77.7 335.8 503.8#

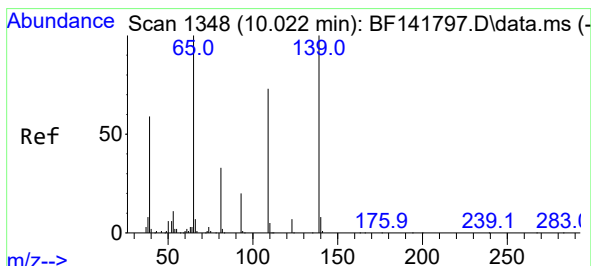
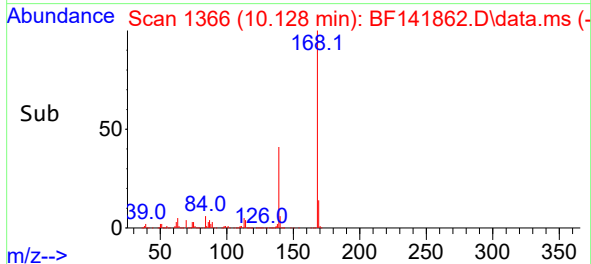
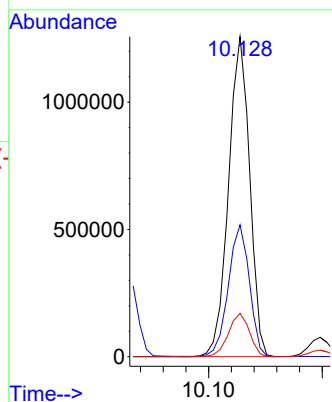
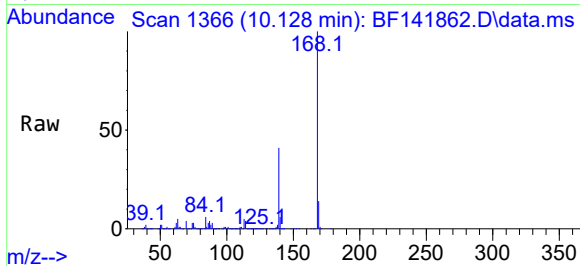




#55
Dibenzenofuran
Concen: 42.90 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

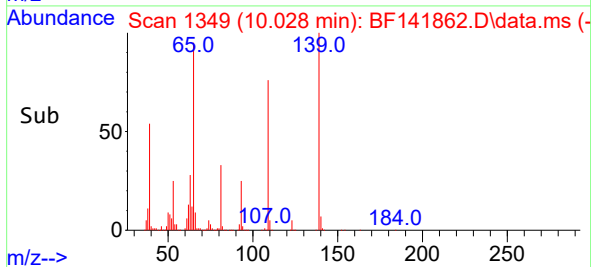
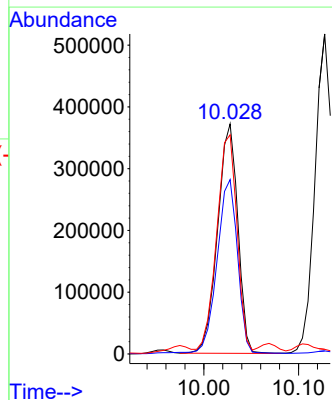
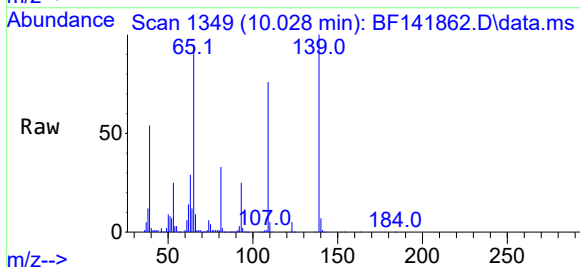
Instrument :
BNA_F
ClientSampleId :
PB166982BS

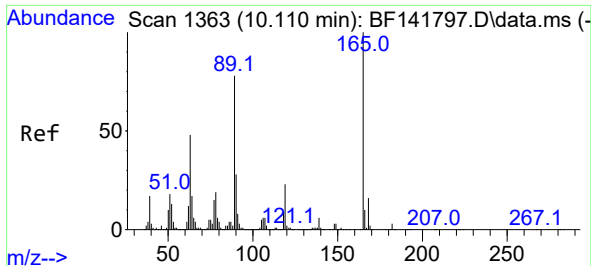
Tgt Ion:168 Resp: 1621177
Ion Ratio Lower Upper
168 100
139 41.2 32.9 49.3
169 13.5 11.1 16.7



#56
4-Nitrophenol
Concen: 122.04 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:139 Resp: 551414
Ion Ratio Lower Upper
139 100
109 75.8 53.4 93.4
65 95.2 82.1 122.1



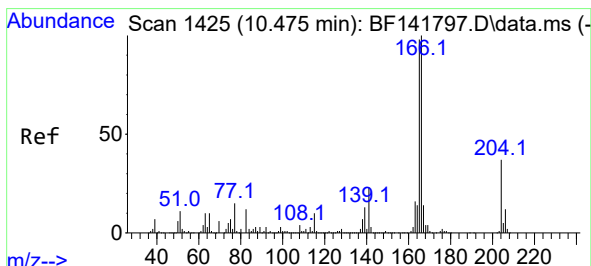
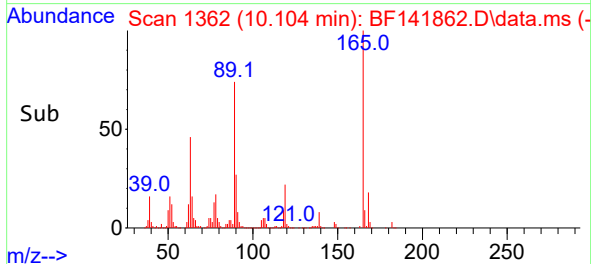
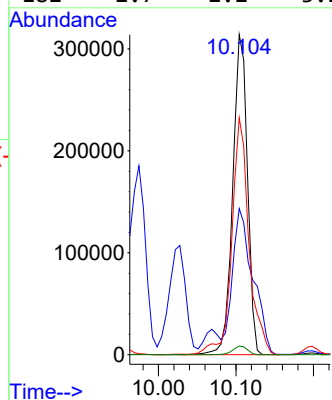
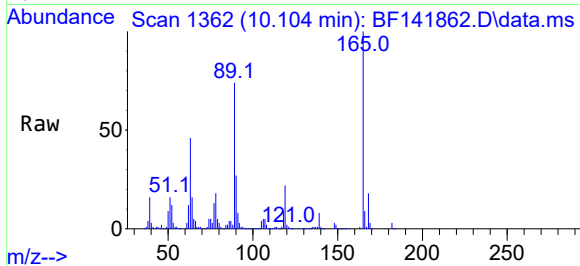


#57
2,4-Dinitrotoluene
Concen: 57.38 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:165 Resp: 415457

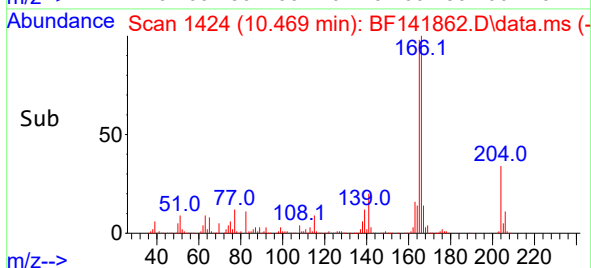
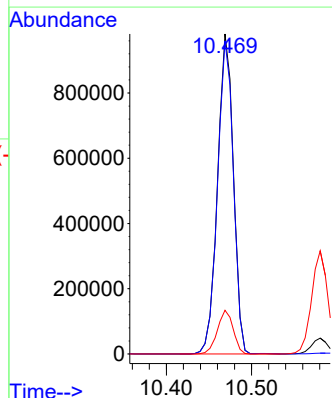
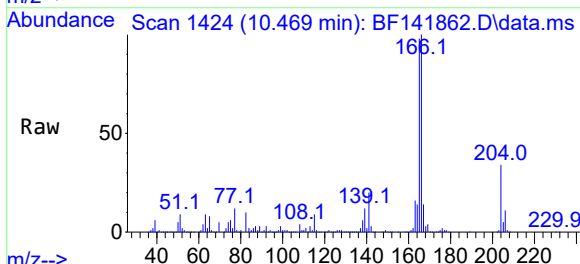
Ion	Ratio	Lower	Upper
165	100		
63	45.6	38.8	58.2
89	74.1	62.6	94.0
182	2.7	2.2	3.2

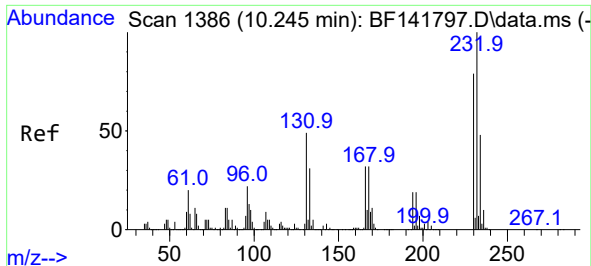


#58
Fluorene
Concen: 44.94 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:166 Resp: 1272097

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.6	11.0	16.4

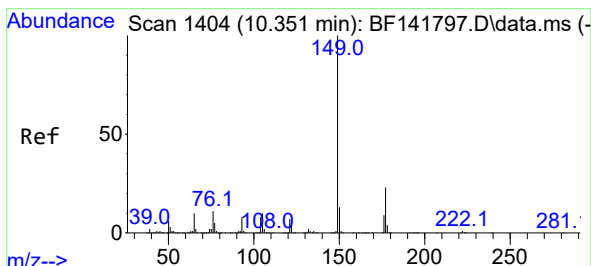
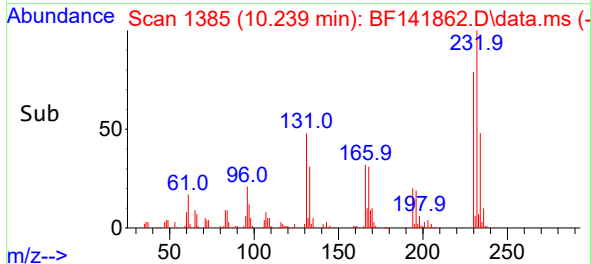
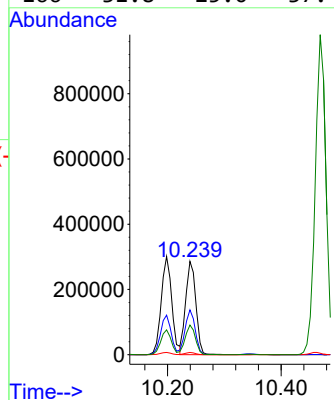
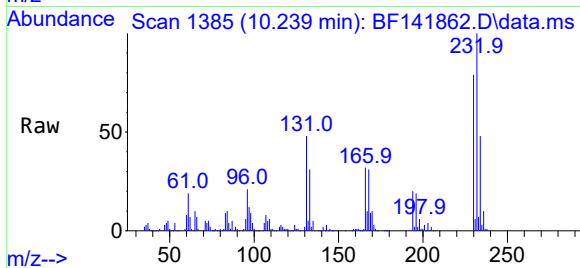




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.36 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

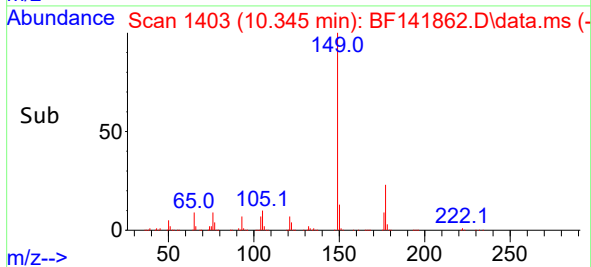
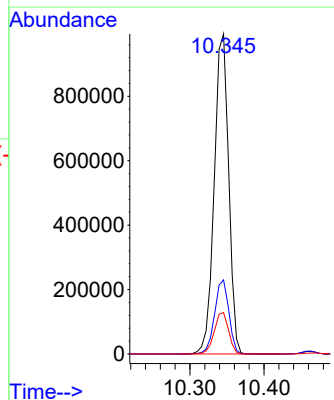
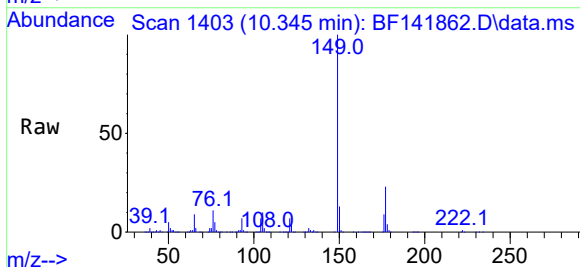
Instrument :
BNA_F
ClientSampleId :
PB166982BS

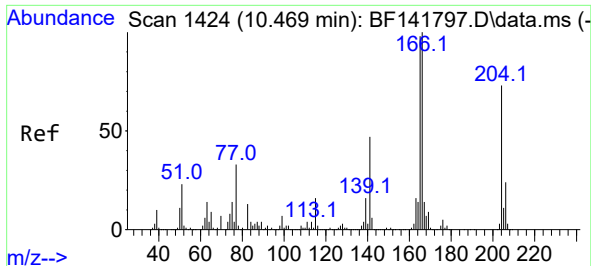
Tgt Ion:232 Resp: 354982
Ion Ratio Lower Upper
232 100
131 48.2 37.8 56.8
130 2.4 2.0 3.0
166 31.8 25.0 37.4



#60
Diethylphthalate
Concen: 43.73 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:149 Resp: 1341179
Ion Ratio Lower Upper
149 100
177 23.2 18.3 27.5
150 12.9 10.3 15.5

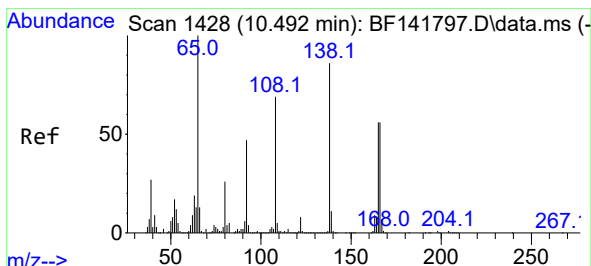
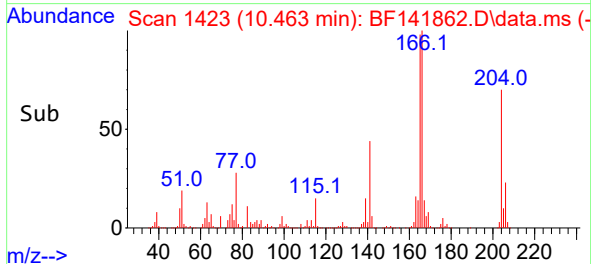
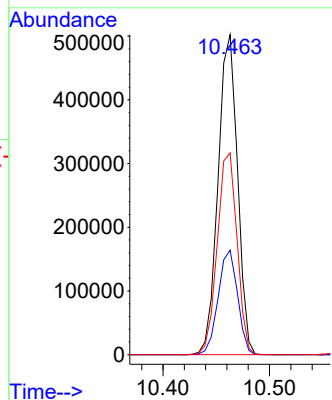
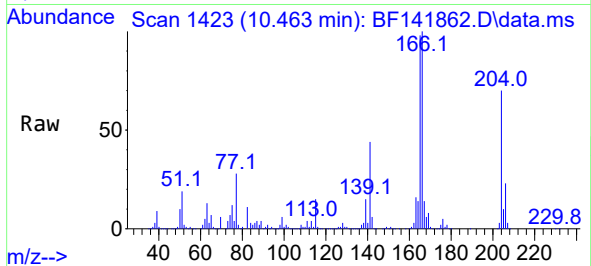




#61
4-Chlorophenyl-phenylether
Concen: 44.89 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

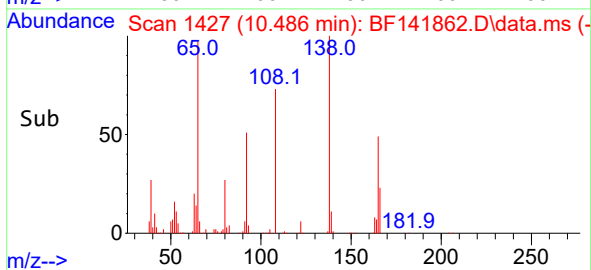
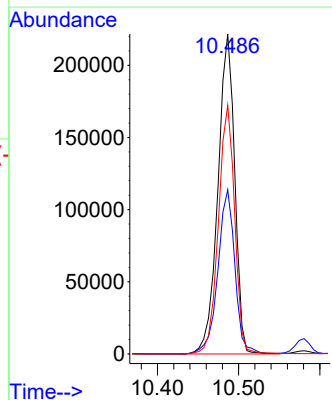
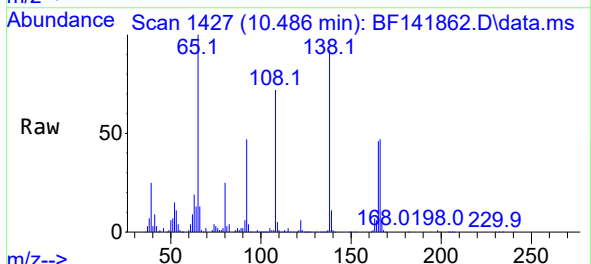
Instrument :
BNA_F
ClientSampleId :
PB166982BS

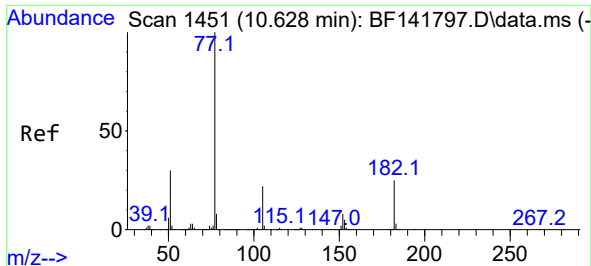
Tgt Ion:204 Resp: 636689
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 63.0 51.7 77.5



#62
4-Nitroaniline
Concen: 61.26 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:138 Resp: 320025
Ion Ratio Lower Upper
138 100
92 51.3 34.9 74.9
108 77.7 59.6 99.6

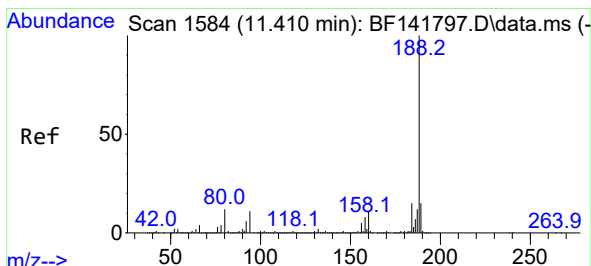
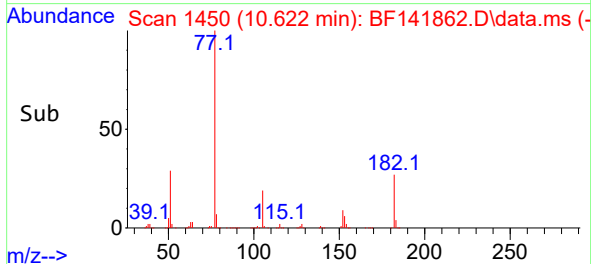
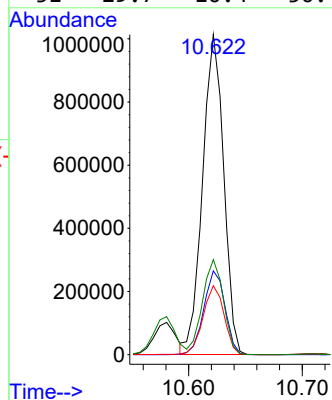
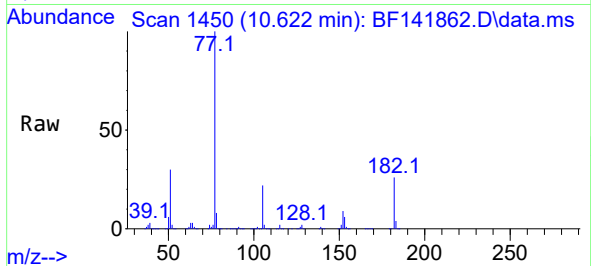




#63
Azobenzene
Concen: 40.56 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

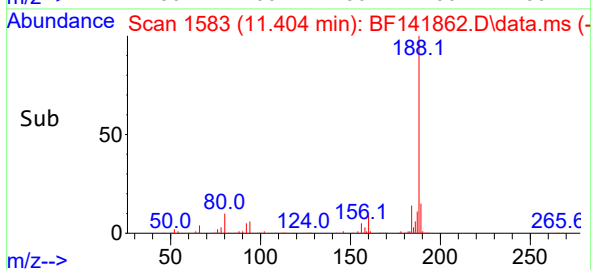
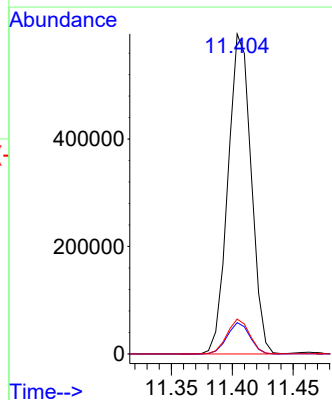
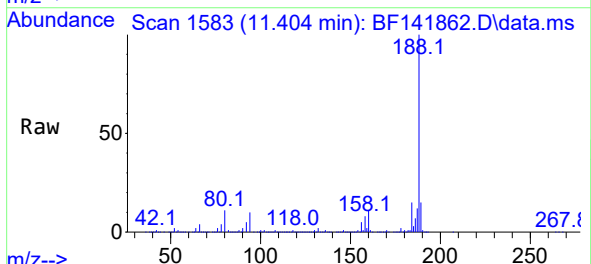
Instrument :
BNA_F
ClientSampleId :
PB166982BS

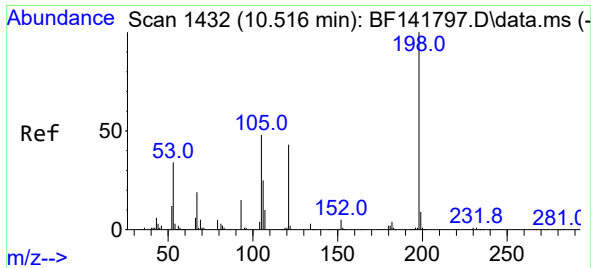
Tgt Ion: 77 Resp: 1309765
Ion Ratio Lower Upper
77 100
182 26.2 4.2 44.2
105 21.5 1.5 41.5
51 29.7 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion: 188 Resp: 789268
Ion Ratio Lower Upper
188 100
94 9.8 8.9 13.3
80 10.9 9.7 14.5

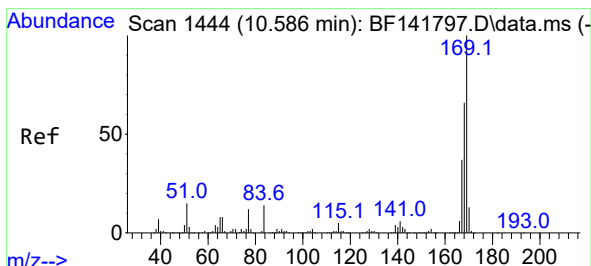
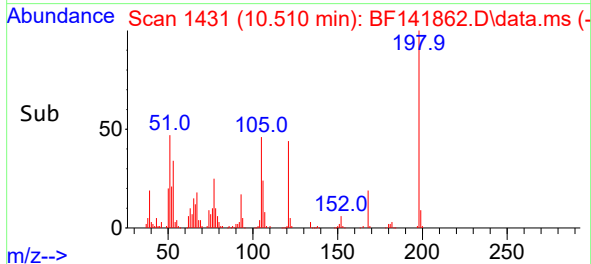
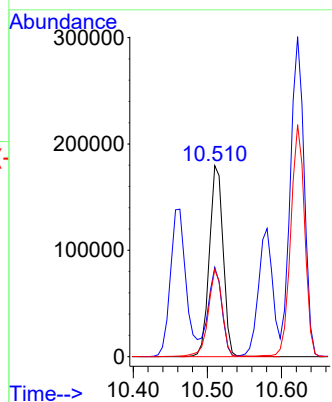
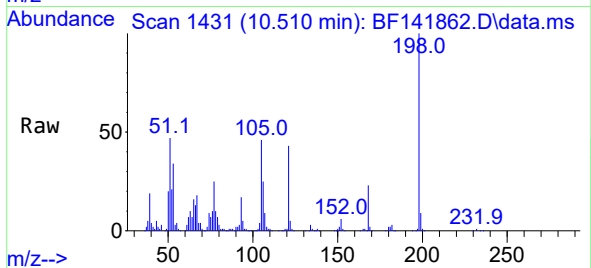




#65
4,6-Dinitro-2-methylphenol
Concen: 59.85 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

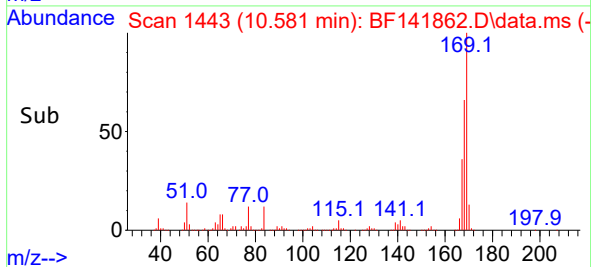
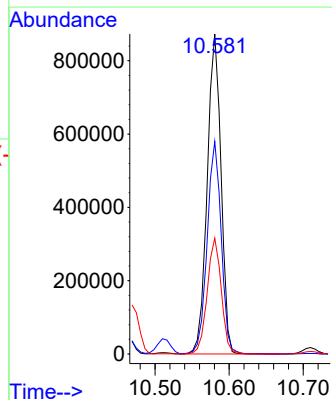
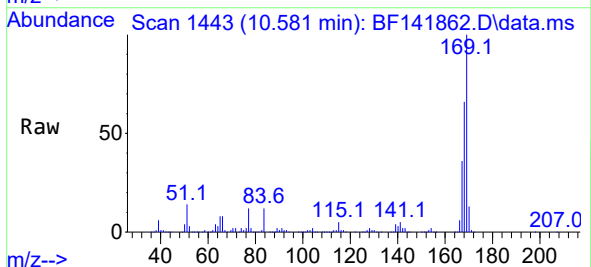
Instrument :
BNA_F
ClientSampleId :
PB166982BS

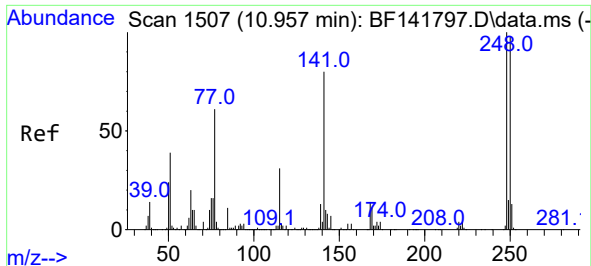
Tgt Ion:198 Resp: 231430
Ion Ratio Lower Upper
198 100
51 46.8 32.1 72.1
105 45.6 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 43.60 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:169 Resp: 1129867
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.2 29.3 43.9





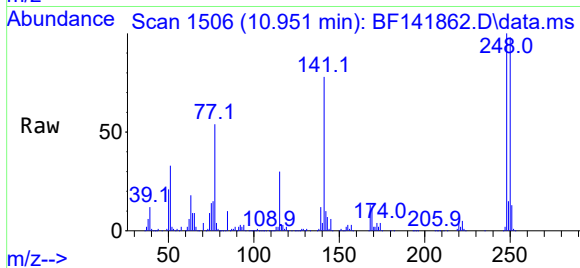
#67
4-Bromophenyl-phenylether
Concen: 44.38 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :

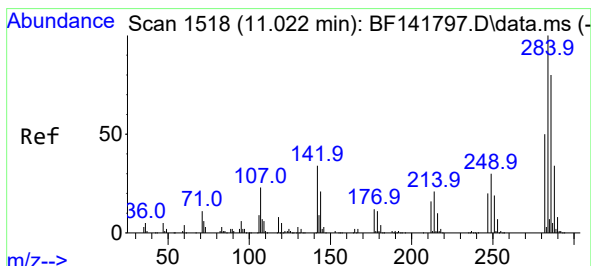
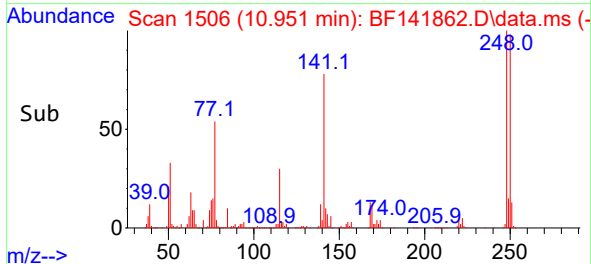
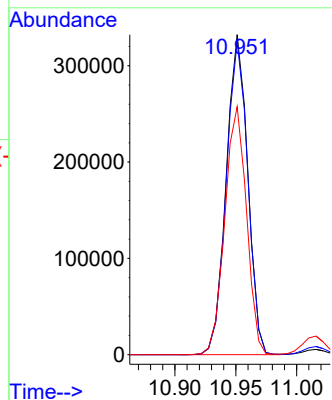
BNA_F

ClientSampleId :

PB166982BS

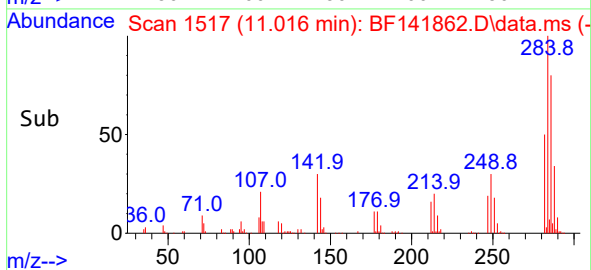
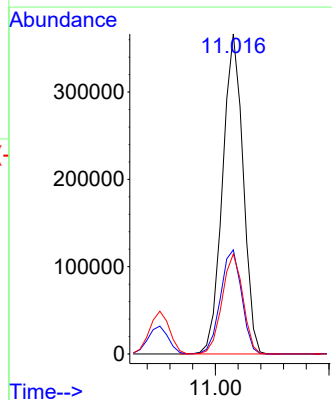
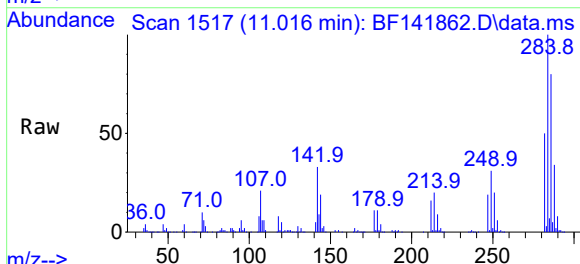


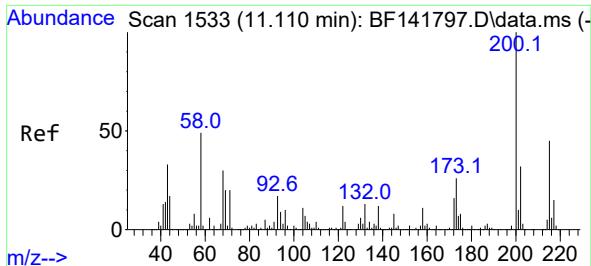
Tgt Ion:248 Resp: 409102
Ion Ratio Lower Upper
248 100
250 97.9 78.1 117.1
141 77.5 64.3 96.5



#68
Hexachlorobenzene
Concen: 47.30 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:284 Resp: 460465
Ion Ratio Lower Upper
284 100
142 32.5 28.2 42.2
249 31.2 25.5 38.3

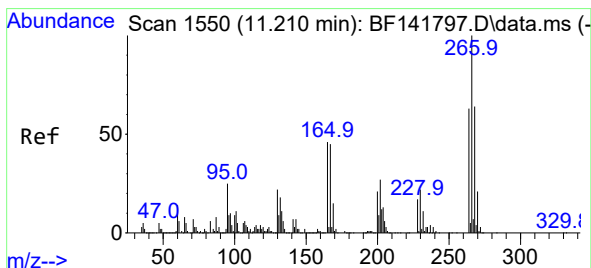
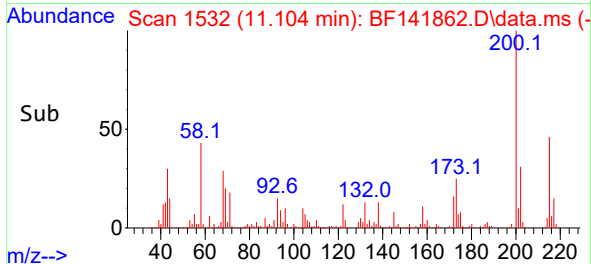
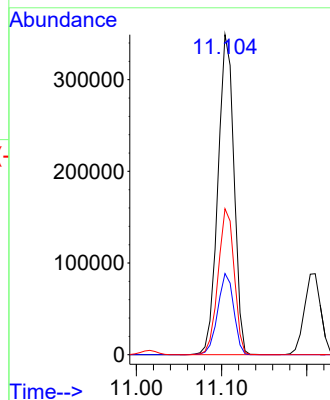
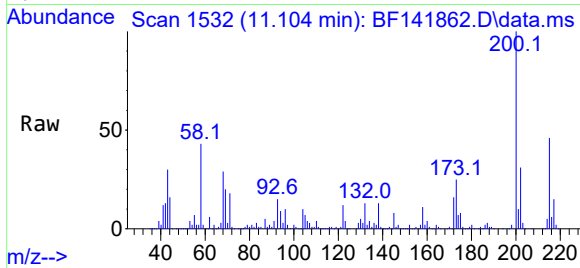




#69
Atrazine
Concen: 64.12 ng
RT: 11.104 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

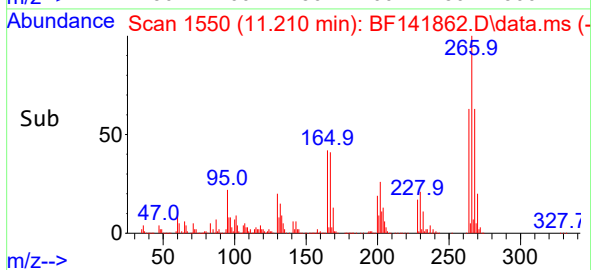
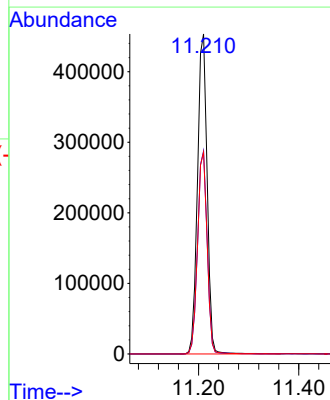
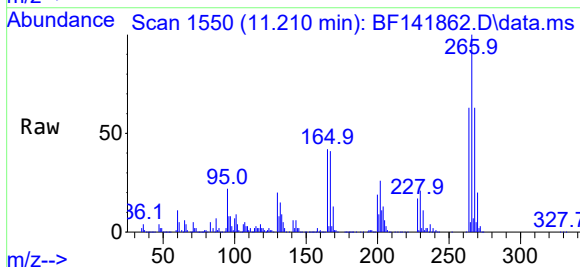
Instrument :
BNA_F
ClientSampleId :
PB166982BS

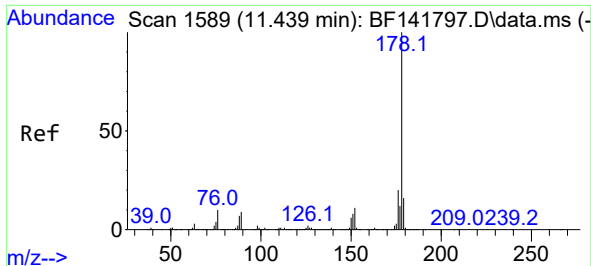
Tgt Ion:200 Resp: 456998
Ion Ratio Lower Upper
200 100
173 25.4 5.6 45.6
215 45.6 25.3 65.3



#70
Pentachlorophenol
Concen: 97.68 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:266 Resp: 603121
Ion Ratio Lower Upper
266 100
268 63.4 50.9 76.3
264 63.1 50.2 75.4

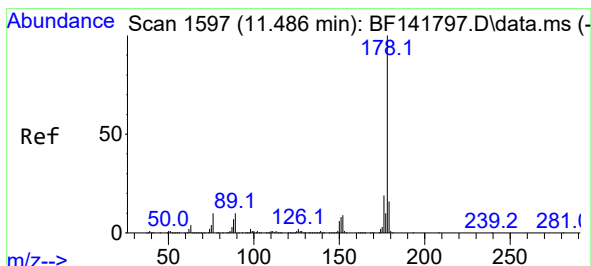
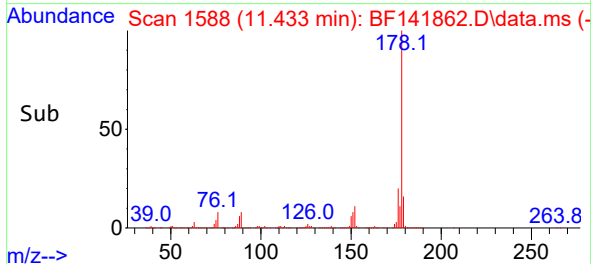
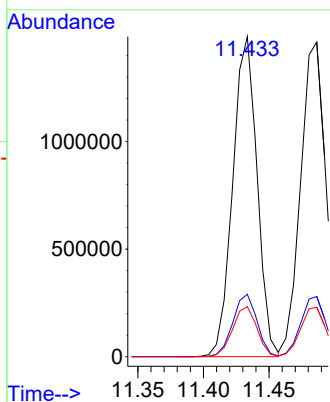
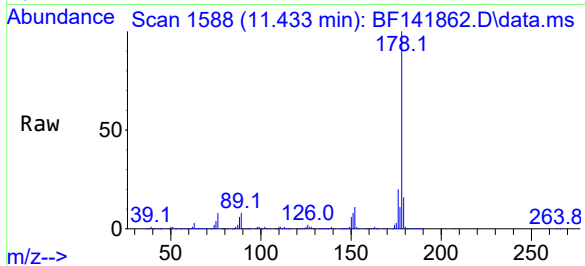




#71
Phenanthrene
Concen: 45.46 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

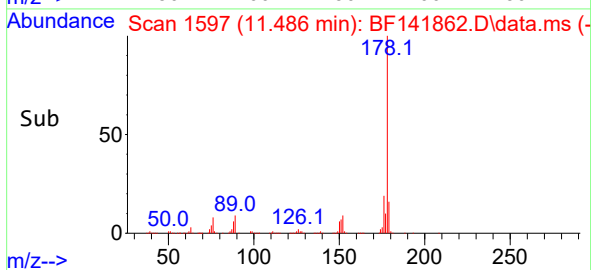
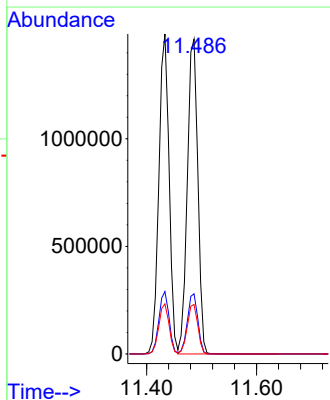
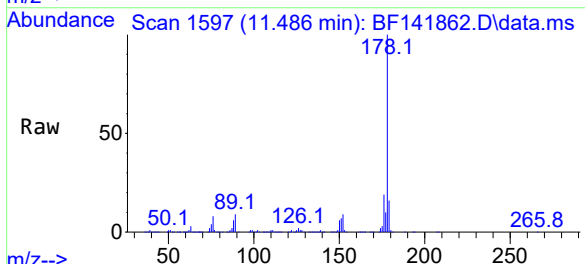
Instrument :
BNA_F
ClientSampleId :
PB166982BS

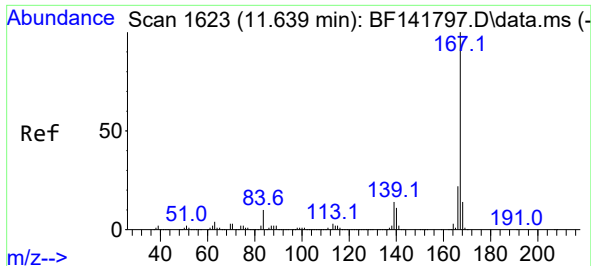
Tgt Ion:178 Resp: 1919079
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.6 19.0



#72
Anthracene
Concen: 45.76 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:178 Resp: 1936157
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.8 19.2



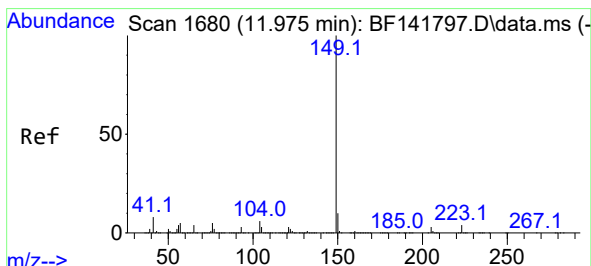
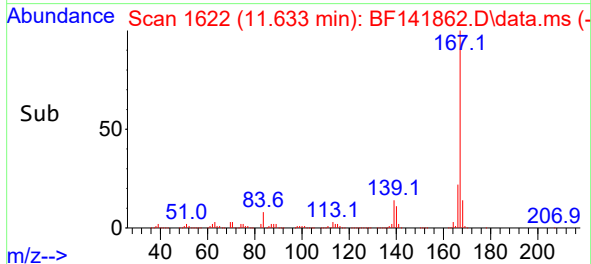
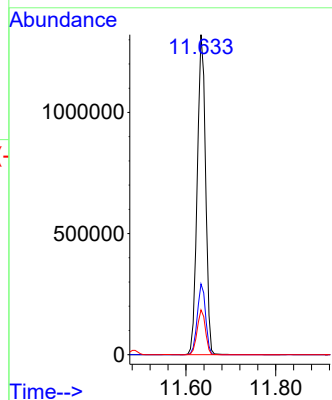
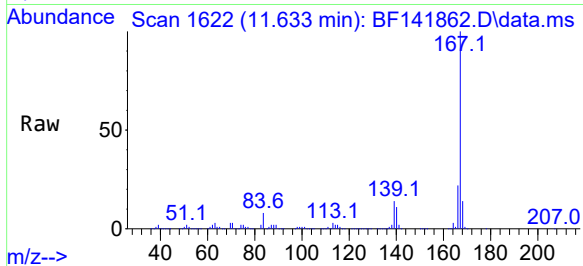


#73
 Carbazole
 Concen: 45.60 ng
 RT: 11.633 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

Tgt Ion:167 Resp: 1703875

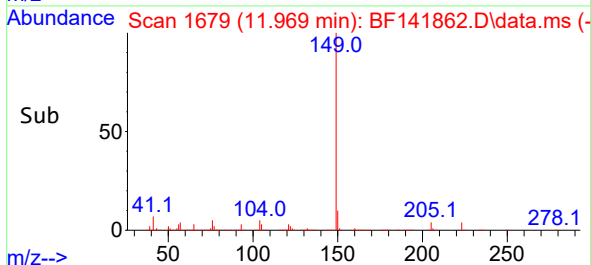
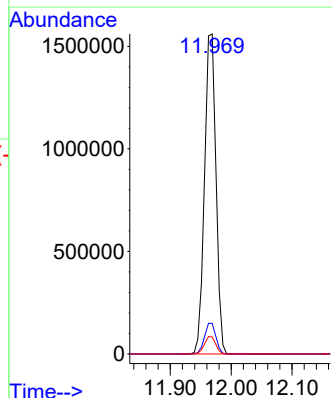
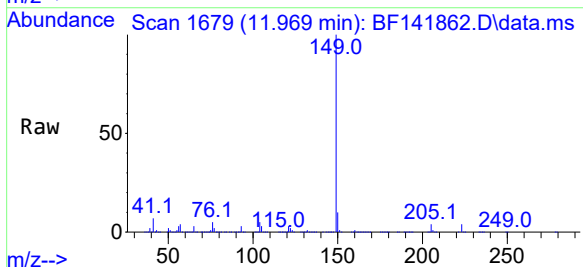
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	14.0	11.3	16.9

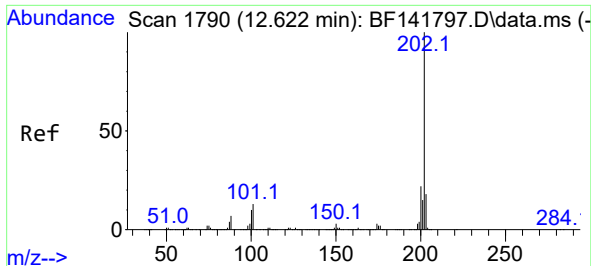


#74
 Di-n-butylphthalate
 Concen: 43.13 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion:149 Resp: 2042563

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.4	6.6

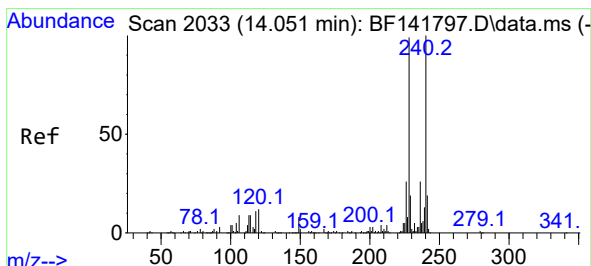
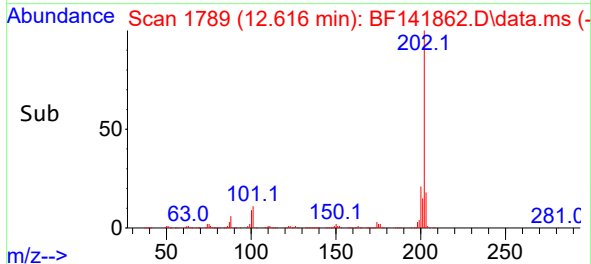
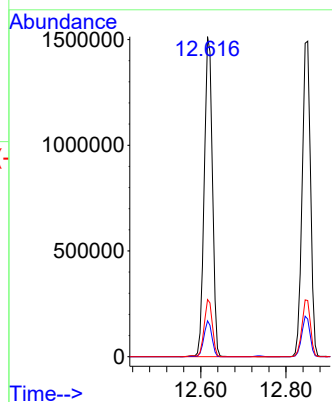
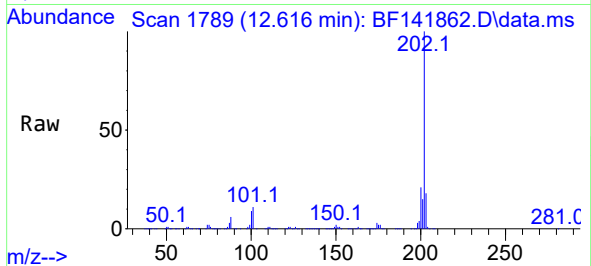




#75
Fluoranthene
Concen: 46.48 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

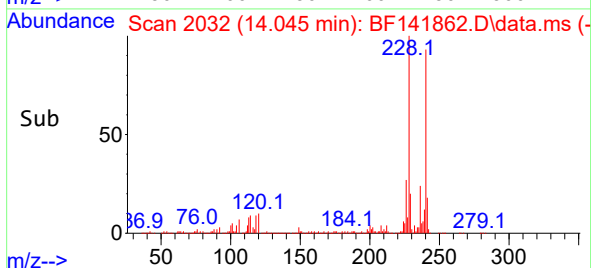
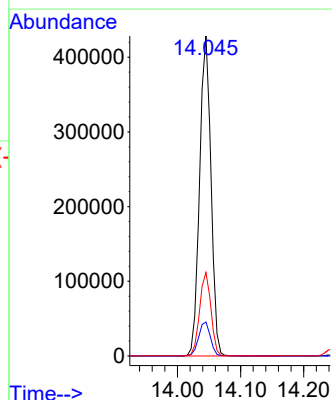
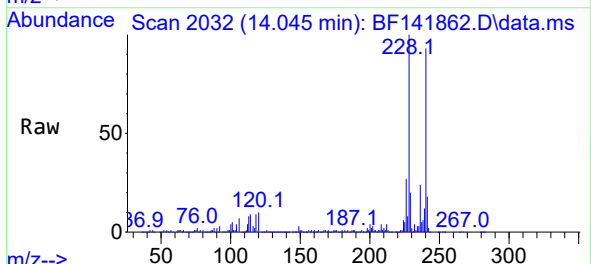
Instrument :
BNA_F
ClientSampleId :
PB166982BS

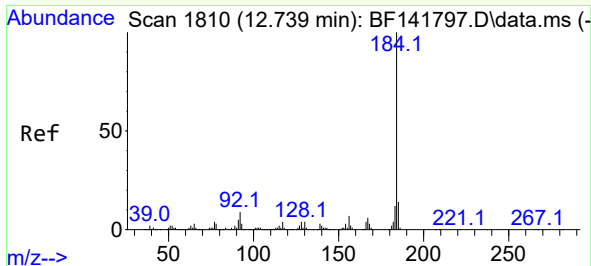
Tgt Ion:202 Resp: 2010701
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.8
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:240 Resp: 533191
Ion Ratio Lower Upper
240 100
120 10.6 9.7 14.5
236 26.1 21.0 31.4

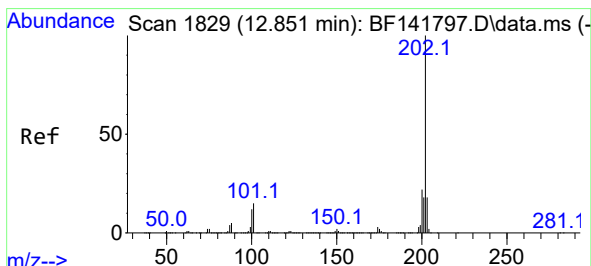
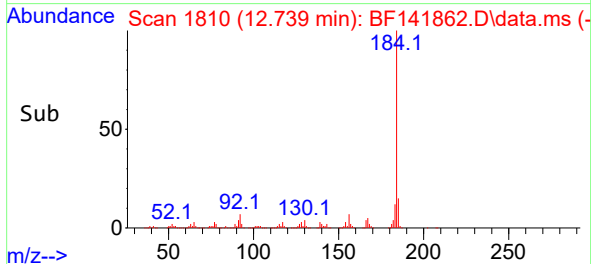
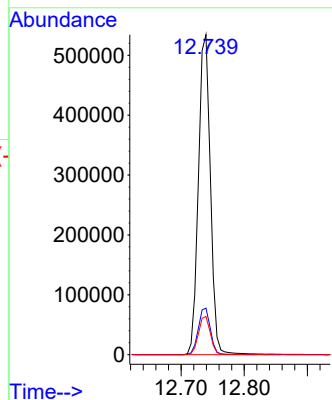
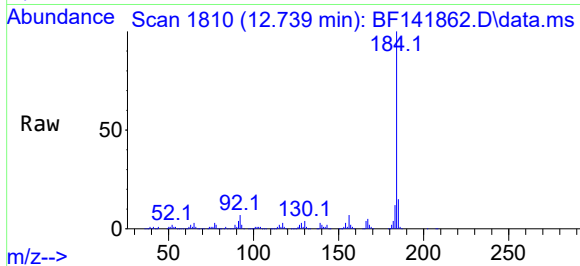




#77
Benzidine
Concen: 104.87 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

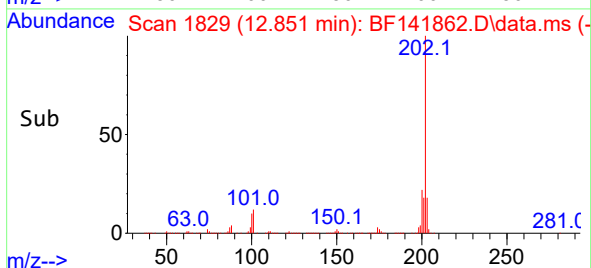
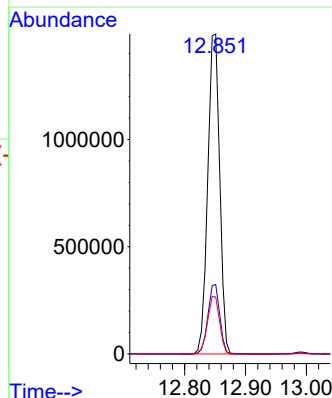
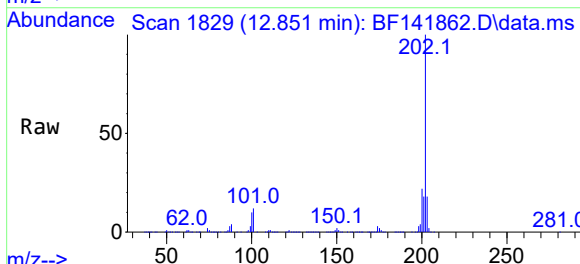
Instrument :
BNA_F
ClientSampleId :
PB166982BS

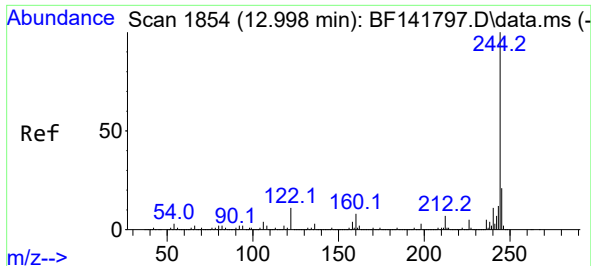
Tgt Ion:184 Resp: 703765
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 12.0 9.4 14.0



#78
Pyrene
Concen: 44.04 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:202 Resp: 2033437
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 17.8 14.6 22.0

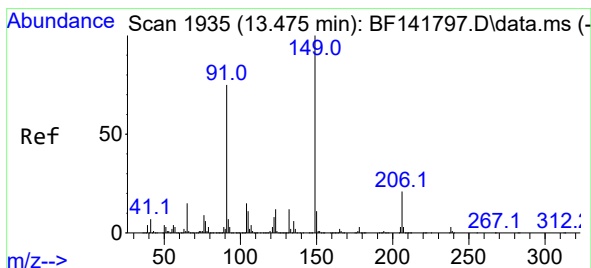
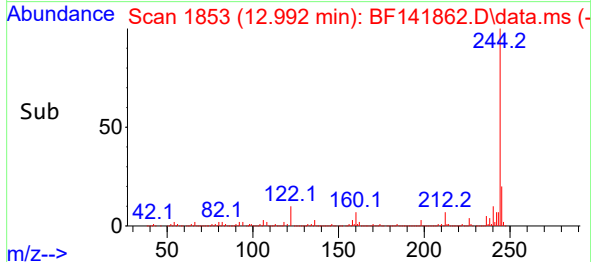
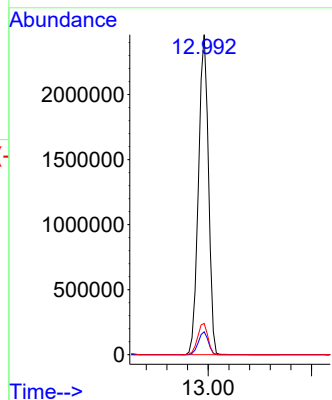
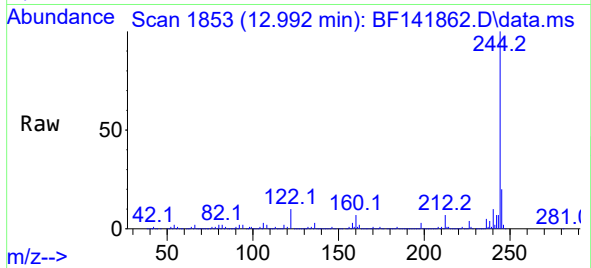




#79
 Terphenyl-d14
 Concen: 99.86 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

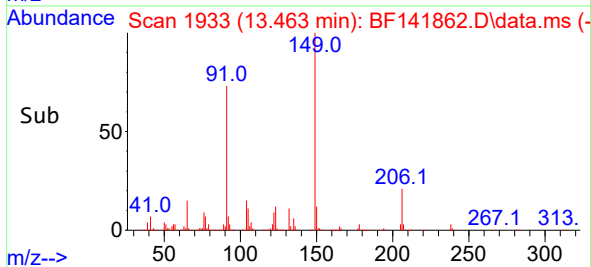
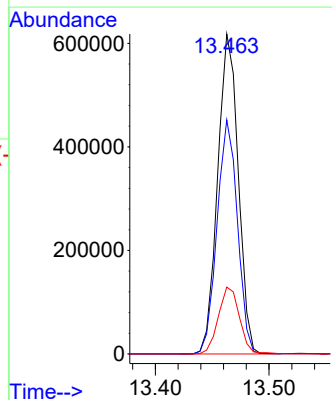
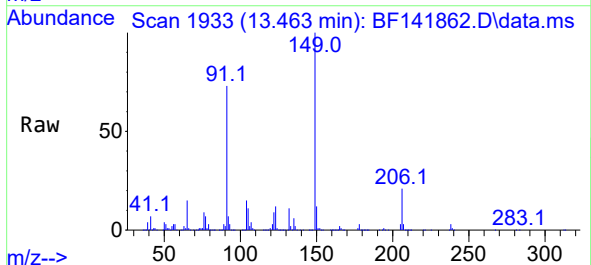
Instrument :
 BNA_F
 ClientSampleId :
 PB166982BS

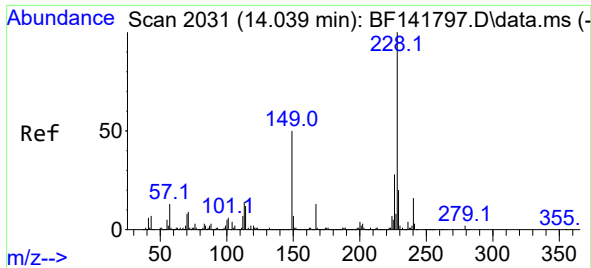
Tgt Ion:244 Resp: 3290875
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.8 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 46.46 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. -0.012 min
 Lab File: BF141862.D
 Acq: 06 Mar 2025 11:51

Tgt Ion:149 Resp: 779324
 Ion Ratio Lower Upper
 149 100
 91 73.2 60.1 90.1
 206 20.9 16.8 25.2

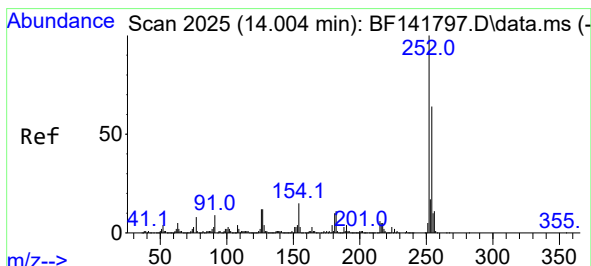
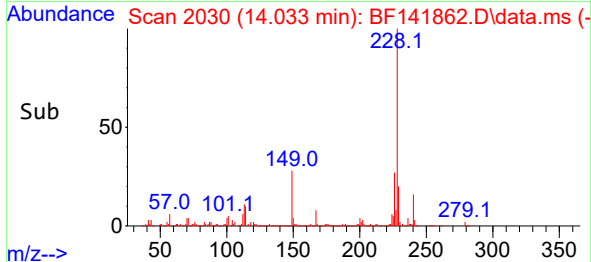
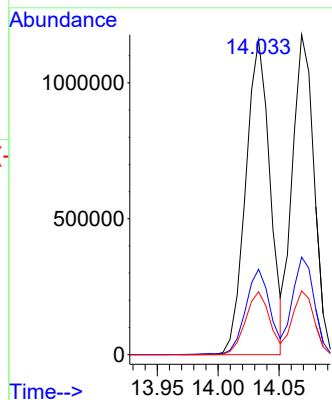
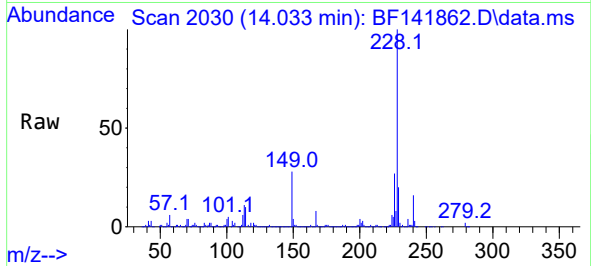




#81
Benzo(a)anthracene
Concen: 45.63 ng
RT: 14.033 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

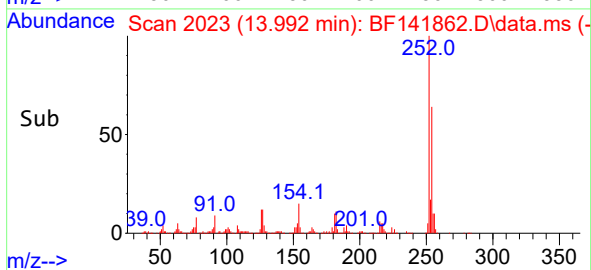
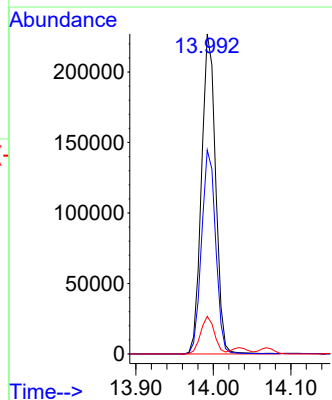
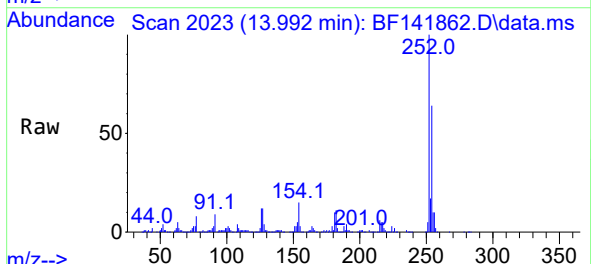
Instrument :
BNA_F
ClientSampleId :
PB166982BS

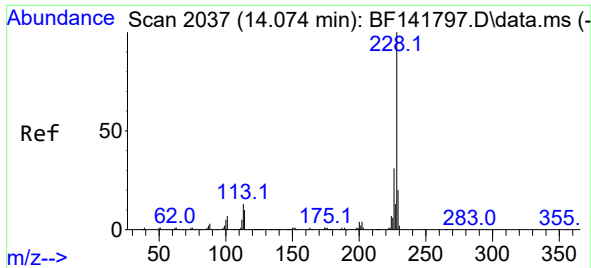
Tgt Ion:228 Resp: 1606850
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 28.45 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:252 Resp: 287502
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 11.8 9.8 14.6

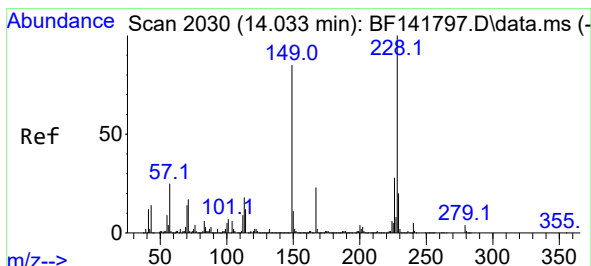
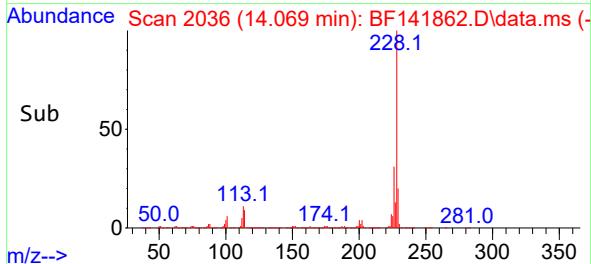
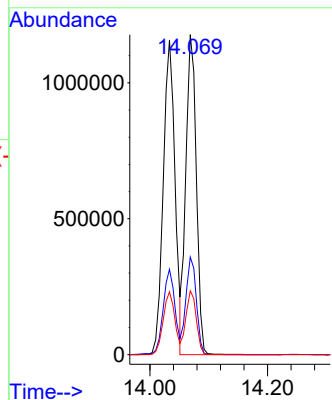
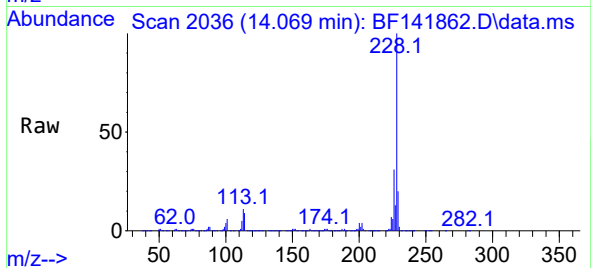




#83
Chrysene
Concen: 45.01 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

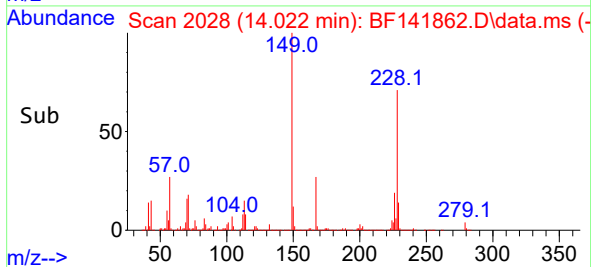
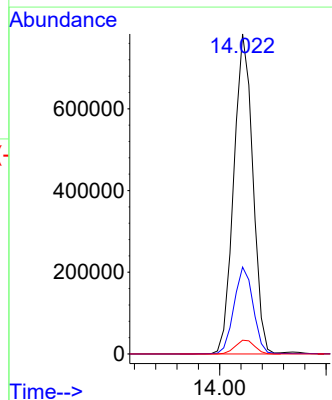
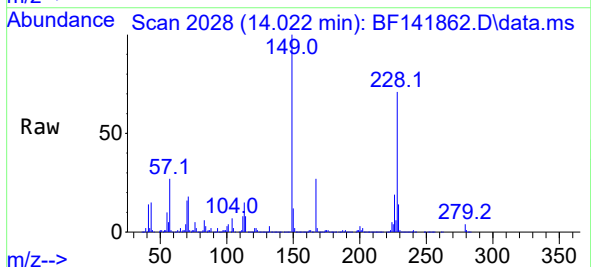
Instrument :
BNA_F
ClientSampleId :
PB166982BS

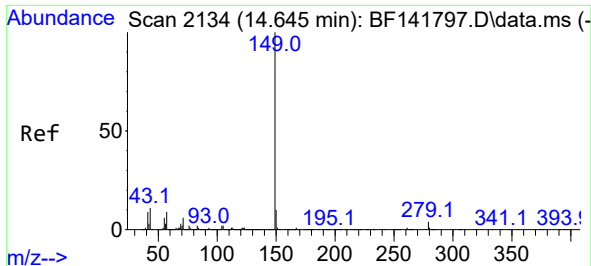
Tgt Ion:228 Resp: 1461304
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 20.0 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.59 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:149 Resp: 973167
Ion Ratio Lower Upper
149 100
167 27.2 21.2 31.8
279 4.3 3.3 4.9

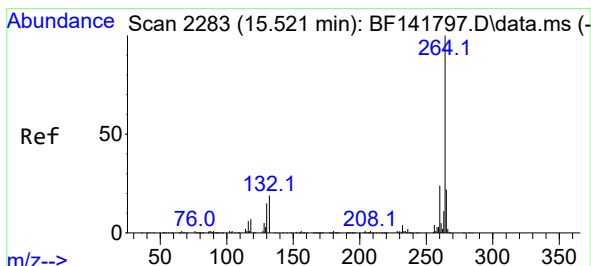
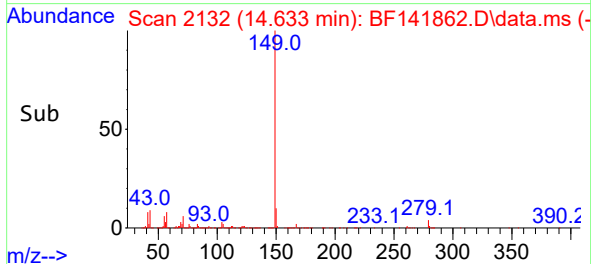
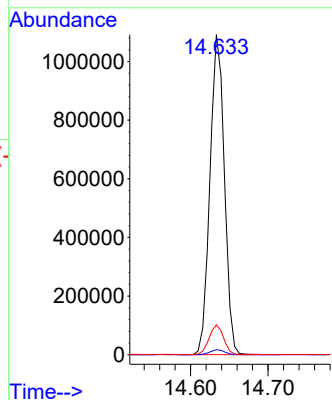
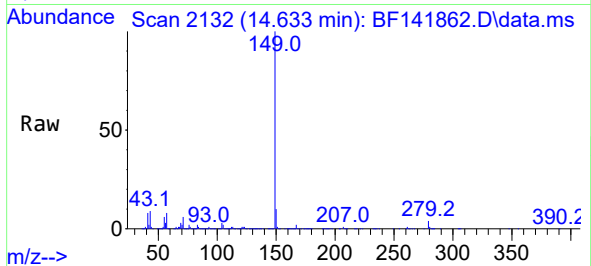




#85
Di-n-octyl phthalate
Concen: 45.15 ng
RT: 14.633 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

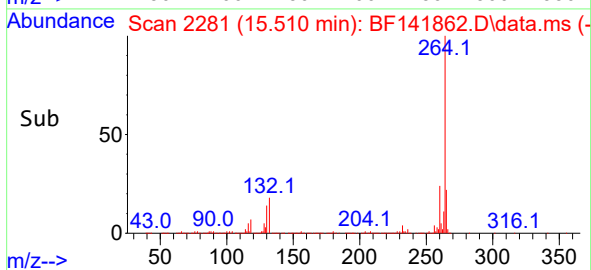
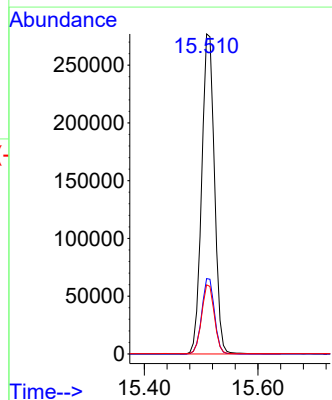
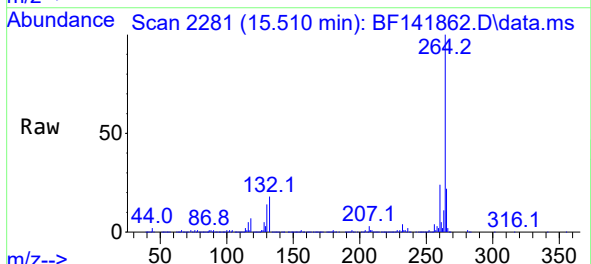
Instrument :
BNA_F
ClientSampleId :
PB166982BS

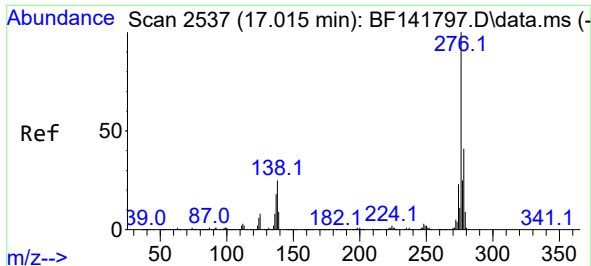
Tgt Ion:149 Resp: 1411858
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.6 12.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:264 Resp: 432459
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 21.6 17.4 26.0

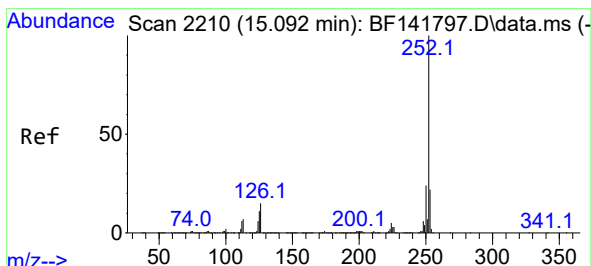
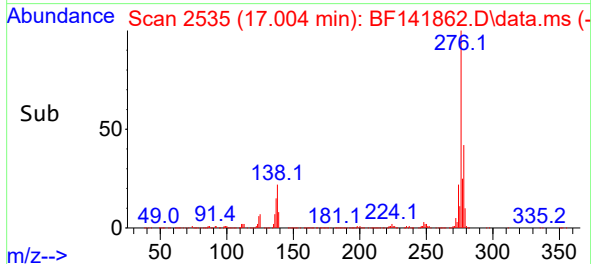
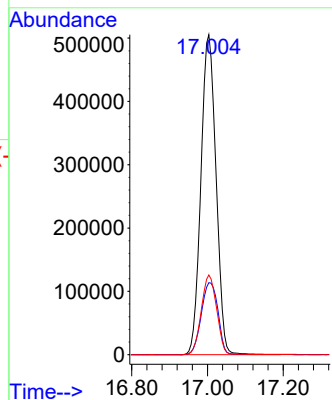
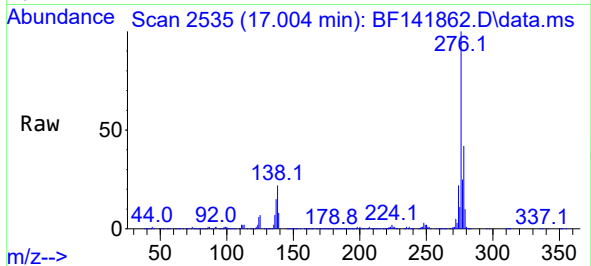




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.86 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

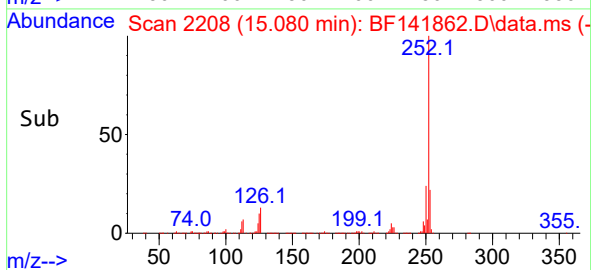
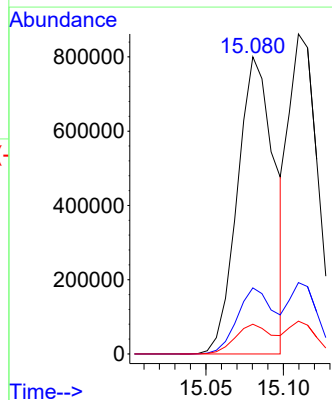
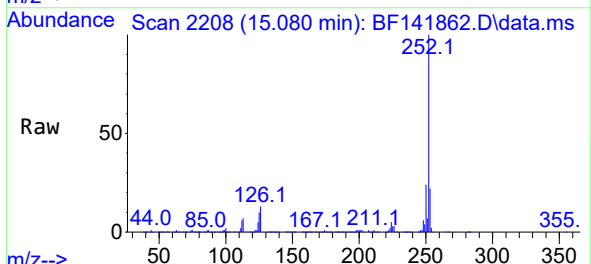
Instrument :
BNA_F
ClientSampleId :
PB166982BS

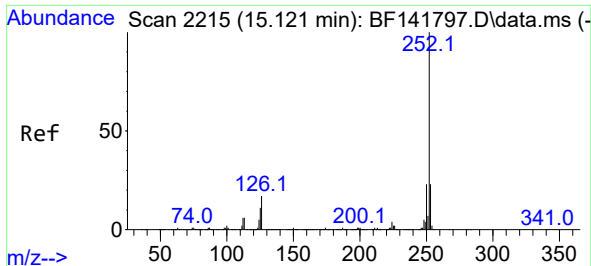
Tgt Ion:276 Resp: 1400520
Ion Ratio Lower Upper
276 100
138 24.8 22.5 33.7
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 44.98 ng
RT: 15.080 min Scan# 2208
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:252 Resp: 1324873
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.0 8.6 13.0

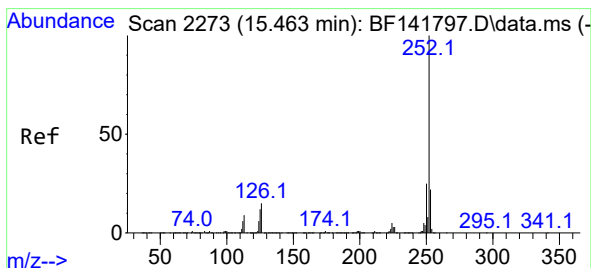
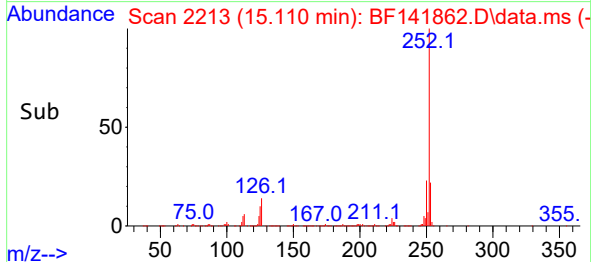
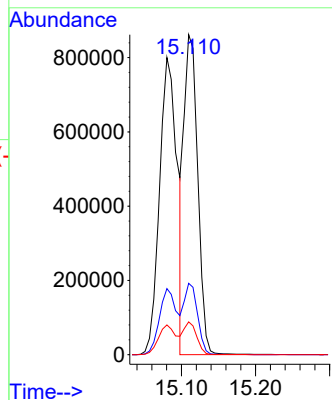
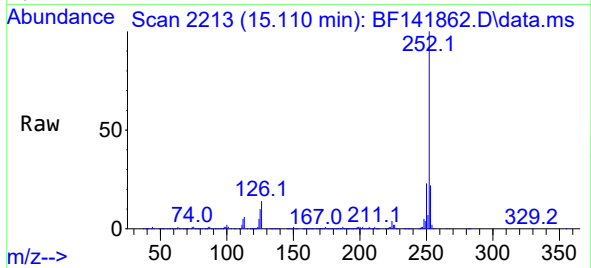




#89
Benzo(k)fluoranthene
Concen: 44.37 ng
RT: 15.110 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

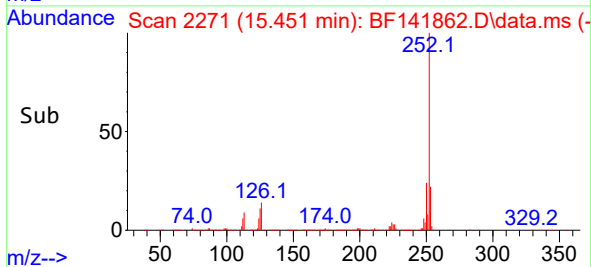
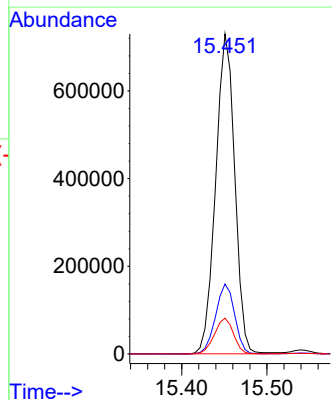
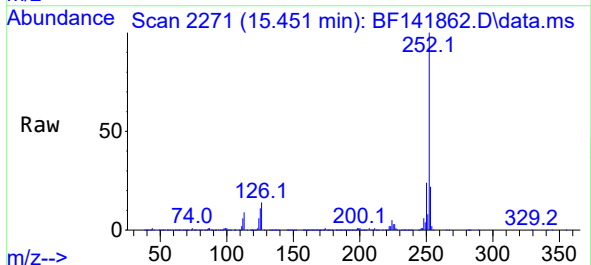
Instrument :
BNA_F
ClientSampleId :
PB166982BS

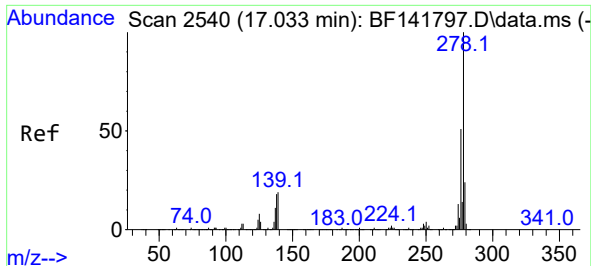
Tgt Ion:252 Resp: 1110972
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 48.06 ng
RT: 15.451 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:252 Resp: 1135461
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 11.2 9.4 14.2

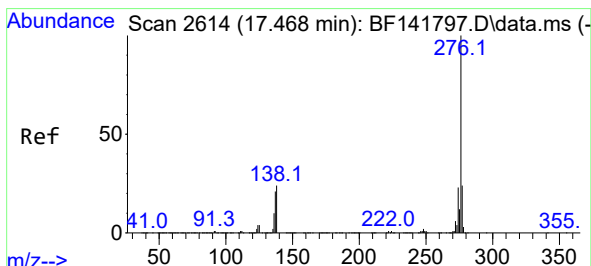
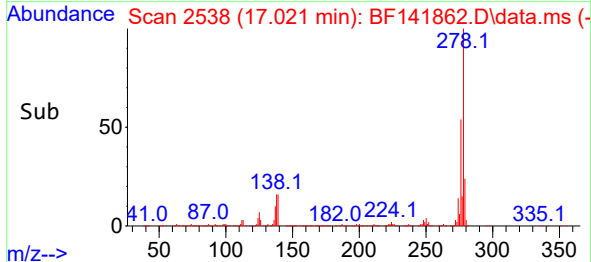
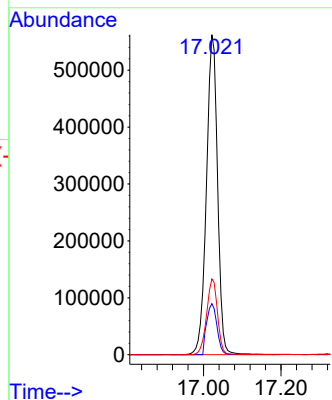
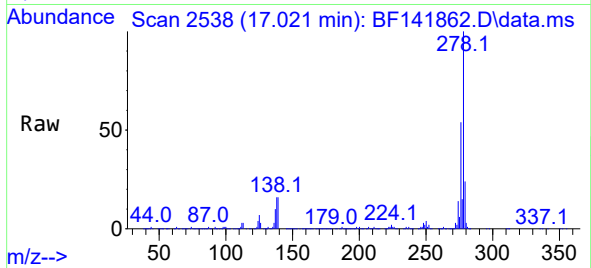




#91
Dibenzo(a,h)anthracene
Concen: 49.89 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Instrument :
BNA_F
ClientSampleId :
PB166982BS

Tgt Ion:278 Resp: 1121408
Ion Ratio Lower Upper
278 100
139 16.0 14.9 22.3
279 23.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 47.72 ng
RT: 17.457 min Scan# 2612
Delta R.T. -0.012 min
Lab File: BF141862.D
Acq: 06 Mar 2025 11:51

Tgt Ion:276 Resp: 1098929
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 21.3 19.3 28.9

