

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142793.D
 Acq On : 19 Jun 2025 19:40
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 20 04:40:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 20 04:36:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69874	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	262911	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	139156	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	229780	20.000	ng	0.00
76) Chrysene-d12	14.057	240	117825	20.000	ng	0.00
86) Perylene-d12	15.545	264	139593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	441114	107.674	ng	0.00
7) Phenol-d6	6.510	99	516909	107.451	ng	0.00
23) Nitrobenzene-d5	7.451	82	506846	105.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	152358	100.743	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1043477	99.755	ng	0.00
79) Terphenyl-d14	12.998	244	904305	106.820	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	88835	54.606	ng	99
3) Pyridine	3.398	79	227576	55.874	ng	99
4) n-Nitrosodimethylamine	3.351	42	116636	55.913	ng	98
6) Aniline	6.545	93	346211	53.700	ng	99
8) 2-Chlorophenol	6.663	128	238691	53.507	ng	99
9) Benzaldehyde	6.434	77	145420	49.583	ng	99
10) Phenol	6.528	94	288461	53.781	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	206661	51.933	ng	100
12) 1,3-Dichlorobenzene	6.822	146	262098	51.598	ng	99
13) 1,4-Dichlorobenzene	6.898	146	266098	51.685	ng	99
14) 1,2-Dichlorobenzene	7.051	146	253411	51.487	ng	99
15) Benzyl Alcohol	7.022	79	193284	53.677	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	328251	52.354	ng	99
17) 2-Methylphenol	7.133	107	182167	53.415	ng	99
18) Hexachloroethane	7.392	117	94097	51.126	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	147905	48.753	ng	98
20) 3+4-Methylphenols	7.286	107	229169	53.390	ng	94
22) Acetophenone	7.292	105	303087	52.102	ng	98
24) Nitrobenzene	7.469	77	229219	53.773	ng	98
25) Isophorone	7.704	82	404886	50.334	ng	100
26) 2-Nitrophenol	7.781	139	127773	53.795	ng	99
27) 2,4-Dimethylphenol	7.816	122	216204	53.466	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	256119	51.148	ng	100
29) 2,4-Dichlorophenol	8.022	162	195589	52.478	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	213118	51.763	ng	100
31) Naphthalene	8.186	128	668713	51.717	ng	100
32) Benzoic acid	7.933	122	119196	53.128	ng	97
33) 4-Chloroaniline	8.239	127	276441	53.347	ng	99
34) Hexachlorobutadiene	8.304	225	131697	50.481	ng	99
35) Caprolactam	8.610	113	53024	52.873	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	195744	50.843	ng	99
37) 2-Methylnaphthalene	8.880	142	414854	50.859	ng	99
38) 1-Methylnaphthalene	8.980	142	430144	50.792	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	207997	51.779	ng	100
41) Hexachlorocyclopentadiene	9.033	237	127033	50.012	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	141932	54.597	ng	100

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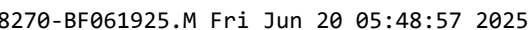
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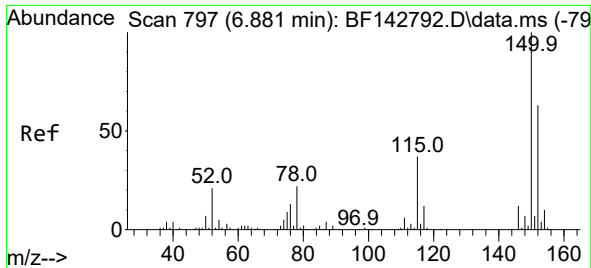
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144717	51.550	ng	100
46) 1,1'-Biphenyl	9.345	154	559765	51.807	ng	99
47) 2-Chloronaphthalene	9.369	162	420603	52.754	ng	100
48) 2-Nitroaniline	9.463	65	124478	54.955	ng	99
49) Acenaphthylene	9.786	152	694098	51.783	ng	100
50) Dimethylphthalate	9.645	163	464372	50.308	ng	100
51) 2,6-Dinitrotoluene	9.710	165	102361	51.156	ng	98
52) Acenaphthene	9.957	154	427135	51.498	ng	100
53) 3-Nitroaniline	9.874	138	117448	54.038	ng	98
54) 2,4-Dinitrophenol	9.986	184	60308	55.696	ng	92
55) Dibenzofuran	10.127	168	609507	51.506	ng	100
56) 4-Nitrophenol	10.033	139	82688	56.047	ng	98
57) 2,4-Dinitrotoluene	10.110	165	141691	53.554	ng	98
58) Fluorene	10.474	166	473968	50.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120008	50.988	ng	97
60) Diethylphthalate	10.345	149	458546	50.010	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	222613	49.076	ng	98
62) 4-Nitroaniline	10.492	138	109973	56.363	ng	97
63) Azobenzene	10.622	77	409164	51.063	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	76696	53.713	ng	97
66) n-Nitrosodiphenylamine	10.580	169	411917	52.171	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	135699	50.425	ng	98
68) Hexachlorobenzene	11.021	284	150669	50.432	ng	99
69) Atrazine	11.110	200	111915	53.385	ng	99
70) Pentachlorophenol	11.216	266	81577	52.574	ng	98
71) Phenanthrene	11.439	178	644668	52.403	ng	99
72) Anthracene	11.492	178	654942	51.433	ng	99
73) Carbazole	11.645	167	575784	53.996	ng	100
74) Di-n-butylphthalate	11.968	149	616452	52.211	ng	100
75) Fluoranthene	12.627	202	608190	52.032	ng	100
77) Benzidine	12.745	184	242794	58.208	ng	100
78) Pyrene	12.857	202	597913	55.205	ng	99
80) Butylbenzylphthalate	13.474	149	180565	56.257	ng	97
81) Benzo(a)anthracene	14.045	228	413349	53.431	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	140152	55.949	ng	99
83) Chrysene	14.080	228	381352	52.950	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	253542	53.016	ng	100
85) Di-n-octyl phthalate	14.645	149	474143	52.029	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	575271	55.741	ng	100
88) Benzo(b)fluoranthene	15.109	252	401915	49.437	ng	100
89) Benzo(k)fluoranthene	15.139	252	416169	52.440	ng	100
90) Benzo(a)pyrene	15.486	252	419030	53.860	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	466485	55.594	ng	99
92) Benzo(g,h,i)perylene	17.521	276	464951	55.540	ng	99

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

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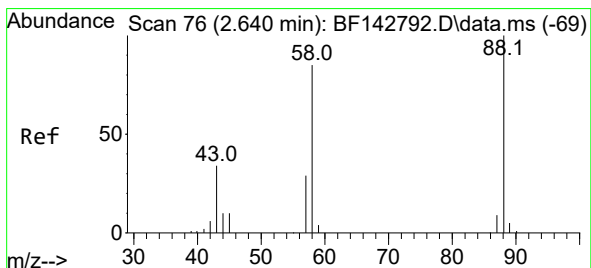
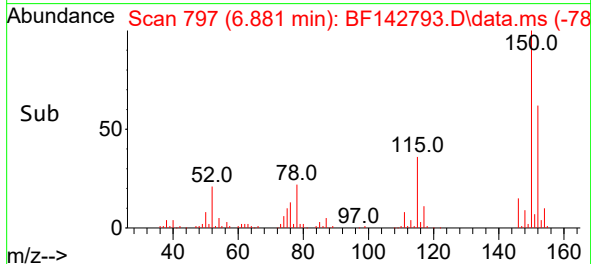
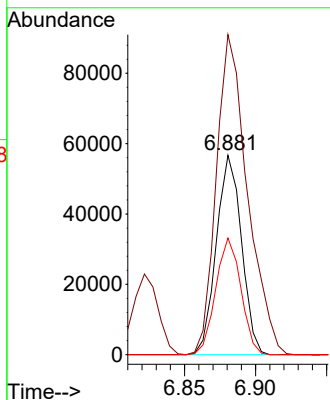
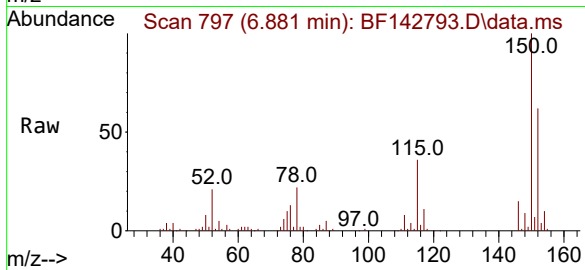




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

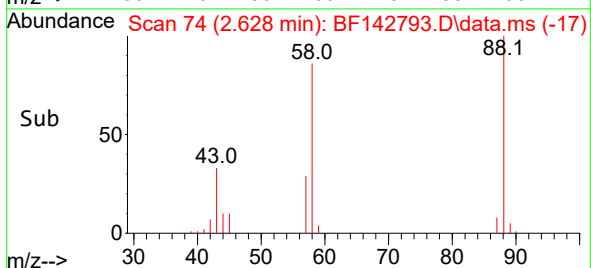
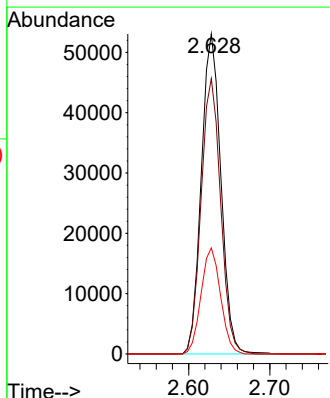
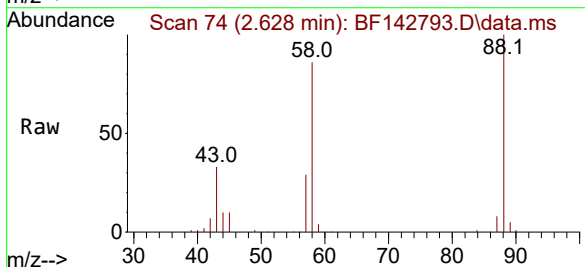
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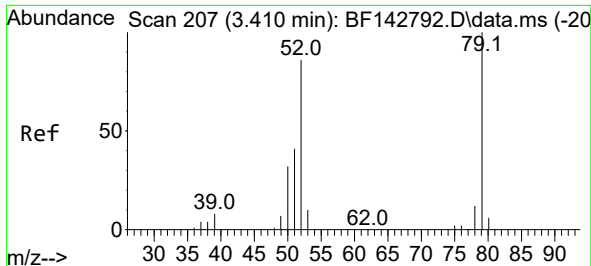
Tgt Ion:152 Resp: 69874
 Ion Ratio Lower Upper
 152 100
 150 160.5 127.2 190.8
 115 58.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 54.606 ng
 RT: 2.628 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

Tgt Ion: 88 Resp: 88835
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.1 103.7
 43 33.0 27.4 41.2

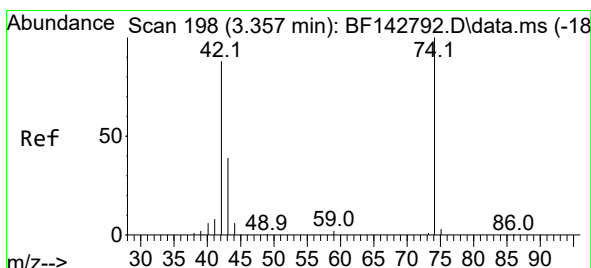
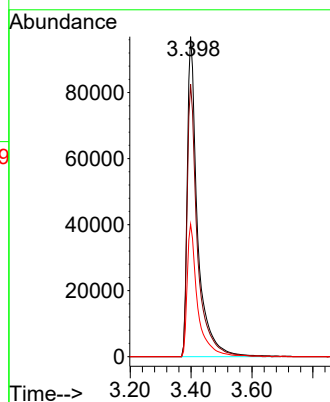
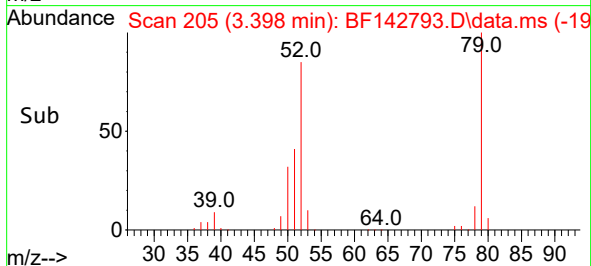
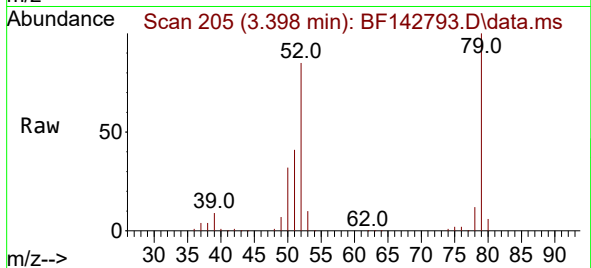




#3
Pyridine
Concen: 55.874 ng
RT: 3.398 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

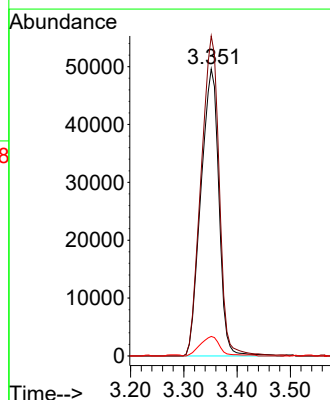
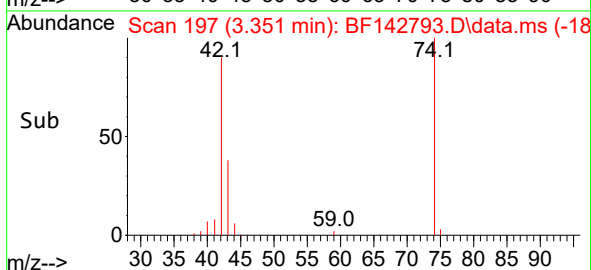
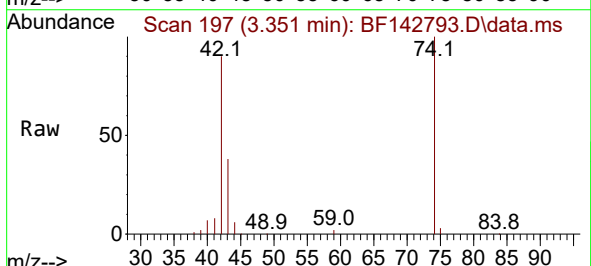
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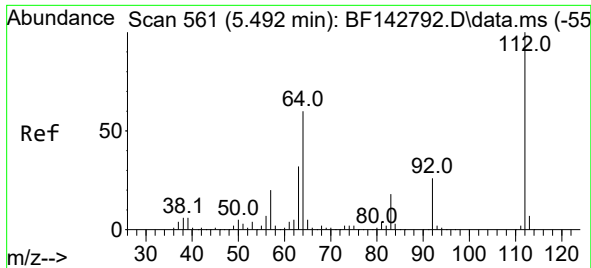
Tgt Ion: 79 Resp: 227576
Ion Ratio Lower Upper
79 100
52 85.2 69.2 103.8
51 41.4 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 55.913 ng
RT: 3.351 min Scan# 197
Delta R.T. -0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 42 Resp: 116636
Ion Ratio Lower Upper
42 100
74 111.5 90.9 136.3
44 6.8 5.8 8.6

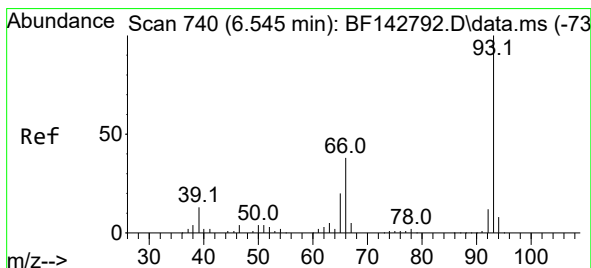
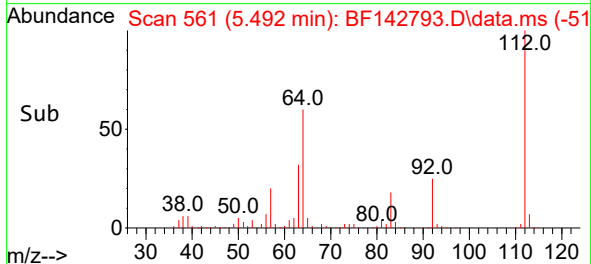
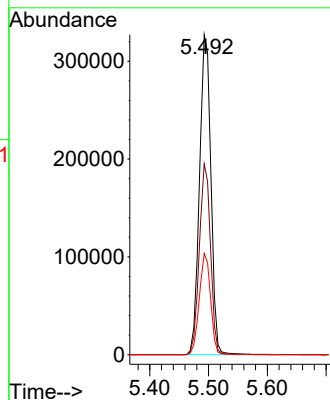
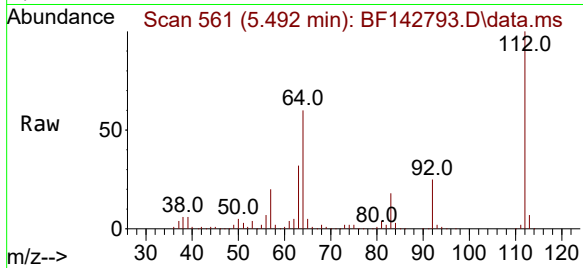




#5
2-Fluorophenol
Concen: 107.674 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

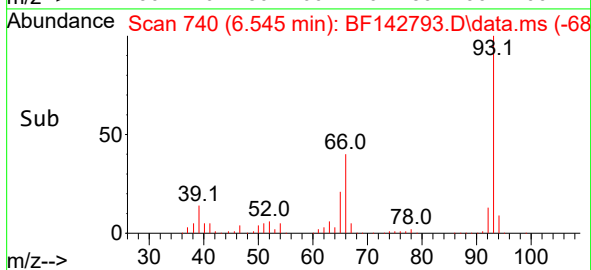
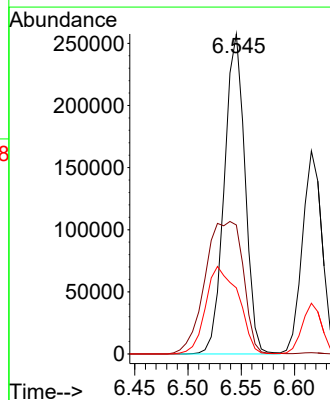
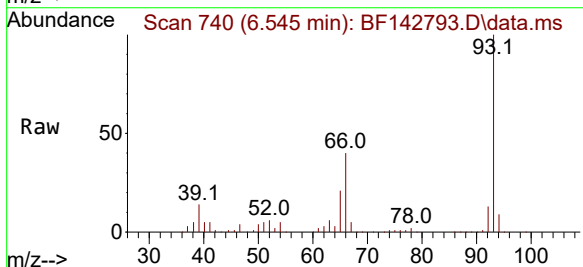
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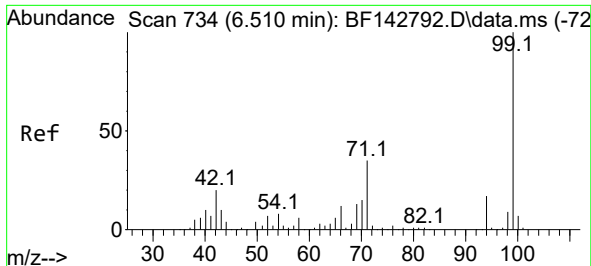
Tgt Ion:112 Resp: 441114
Ion Ratio Lower Upper
112 100
64 59.6 48.2 72.2
63 31.6 25.7 38.5



#6
Aniline
Concen: 53.700 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 93 Resp: 346211
Ion Ratio Lower Upper
93 100
66 40.3 31.8 47.6
65 20.7 16.2 24.2

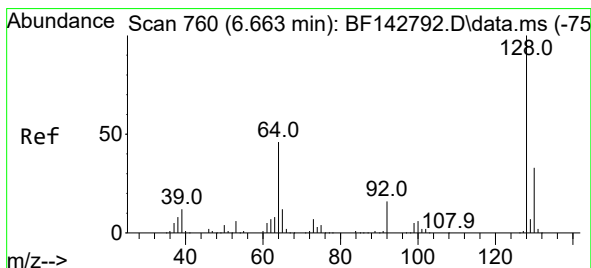
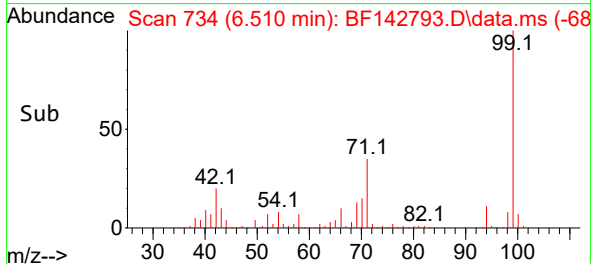
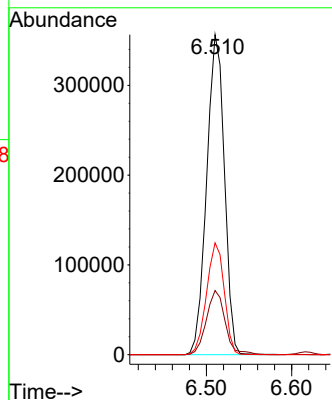
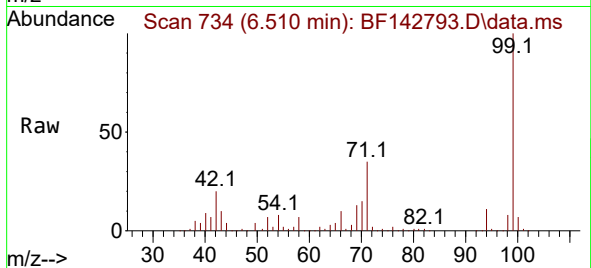




#7
Phenol-d6
Concen: 107.451 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

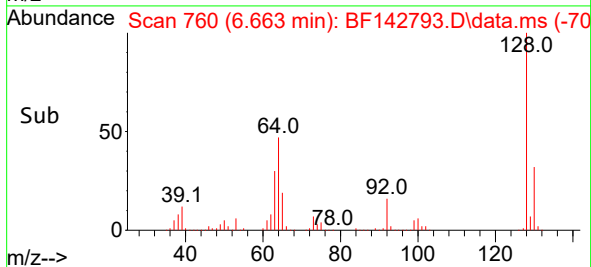
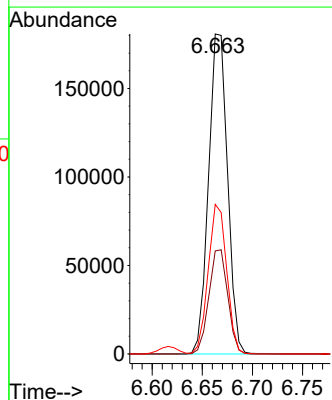
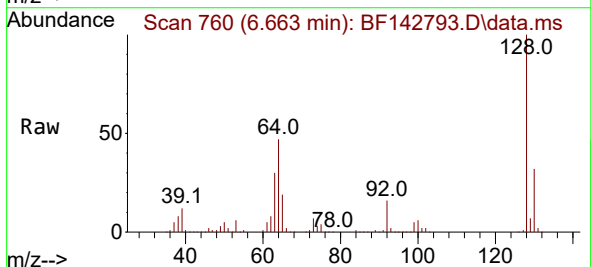
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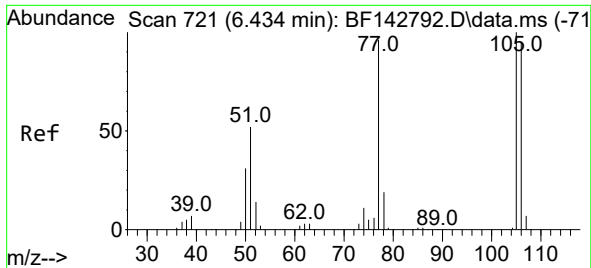
Tgt Ion: 99 Resp: 516909
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 34.9 27.8 41.8



#8
2-Chlorophenol
Concen: 53.507 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:128 Resp: 238691
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 46.8 26.5 66.5

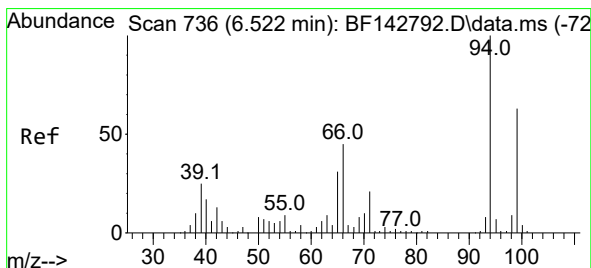
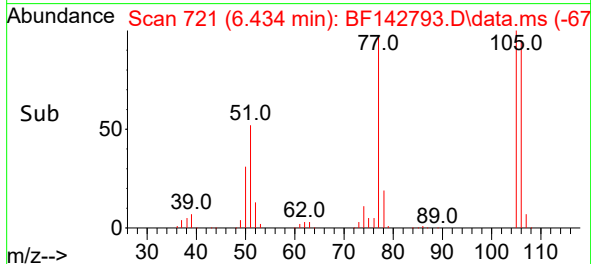
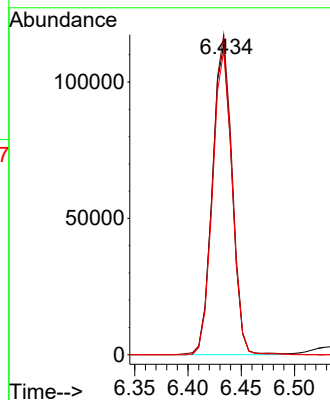
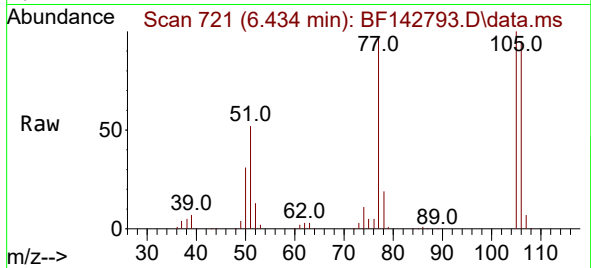




#9
Benzaldehyde
Concen: 49.583 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

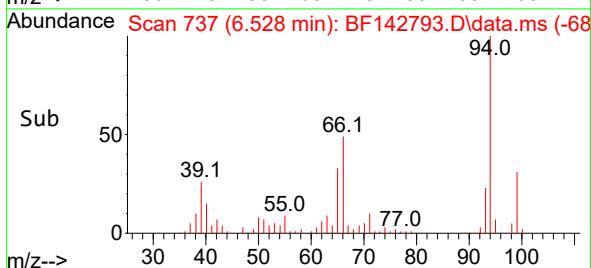
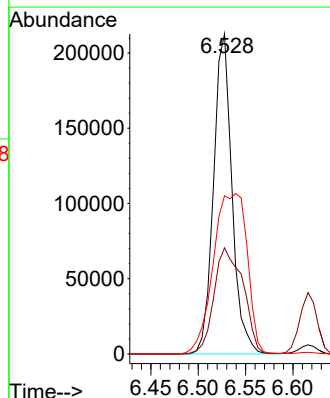
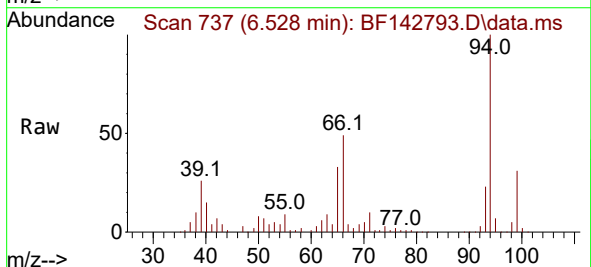
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ClientSampleId :
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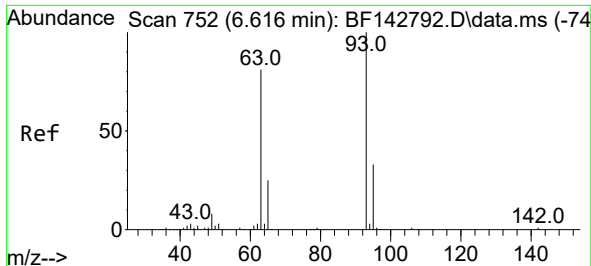
Tgt Ion: 77 Resp: 145420
Ion Ratio Lower Upper
77 100
105 103.2 83.8 123.8
106 98.0 78.7 118.7



#10
Phenol
Concen: 53.781 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 94 Resp: 288461
Ion Ratio Lower Upper
94 100
65 33.2 11.3 51.3
66 49.4 24.9 64.9

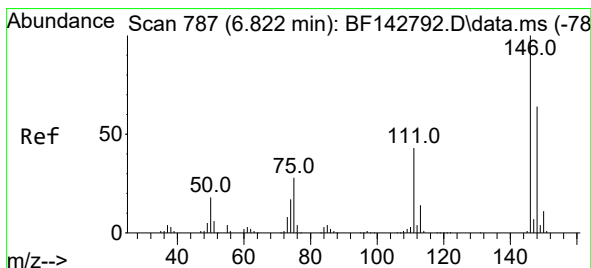
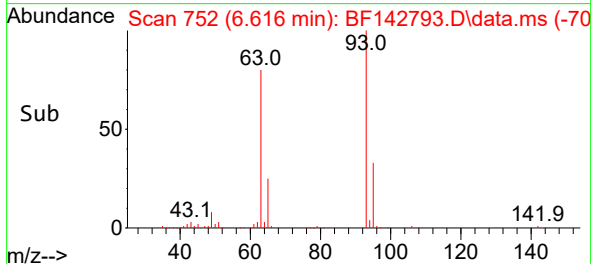
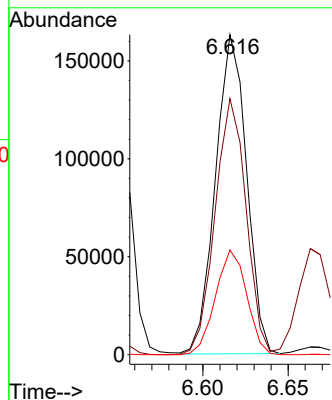
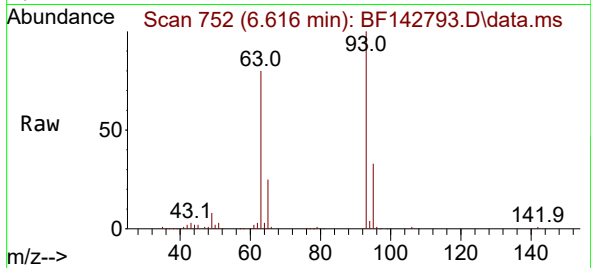




#11
bis(2-Chloroethyl)ether
Concen: 51.933 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

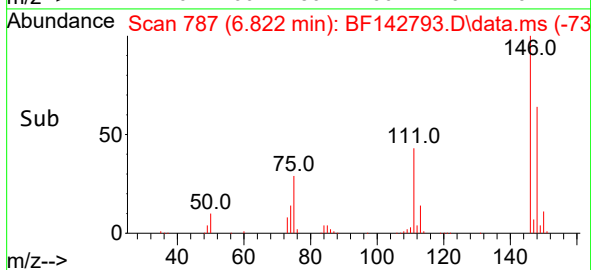
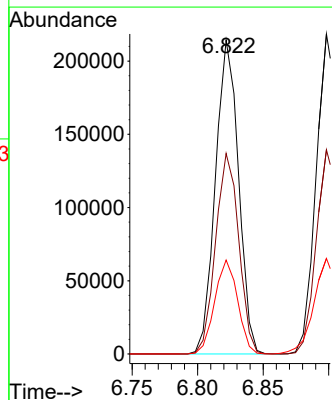
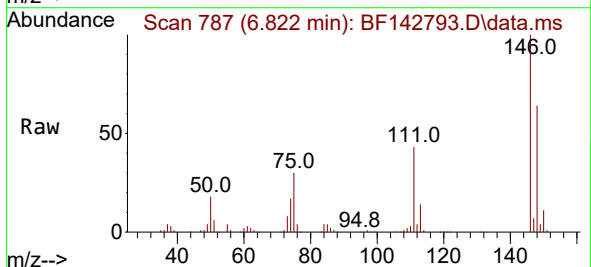
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

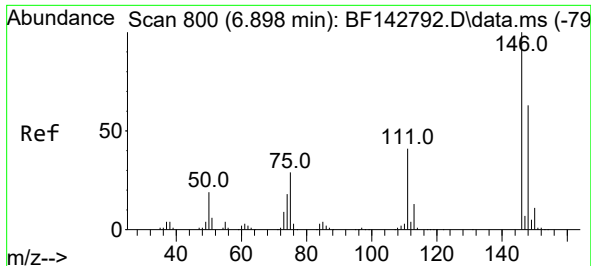
Tgt Ion: 93 Resp: 206661
Ion Ratio Lower Upper
93 100
63 80.0 60.3 100.3
95 32.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 51.598 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 146 Resp: 262098
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 29.9 22.7 34.1

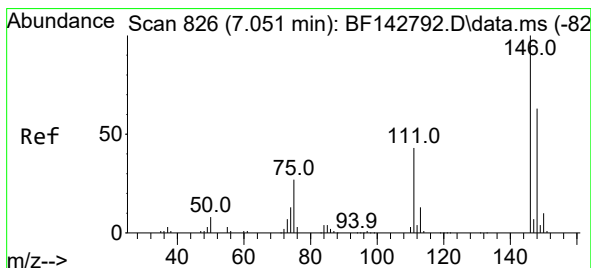
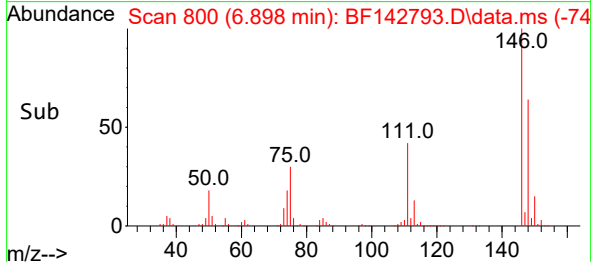
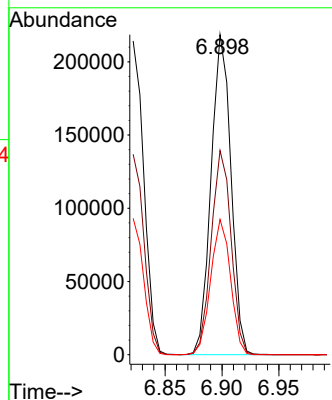
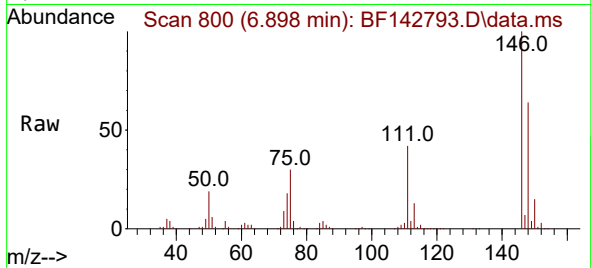




#13
1,4-Dichlorobenzene
Concen: 51.685 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

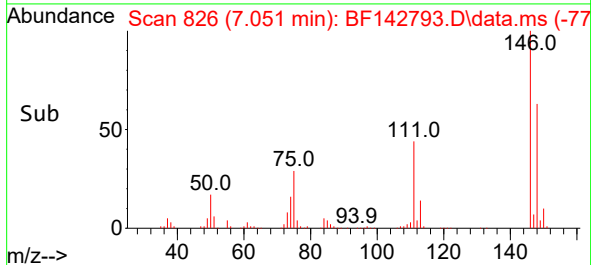
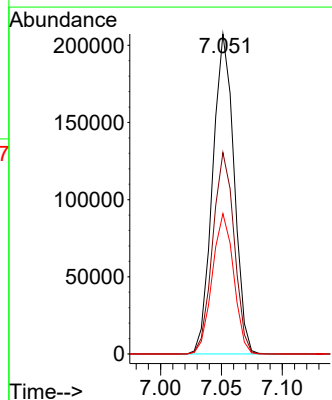
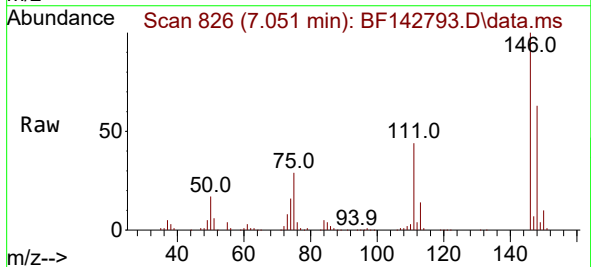
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

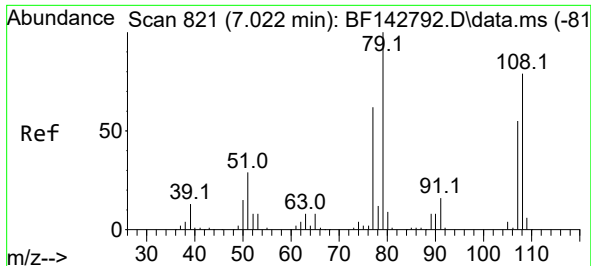
Tgt Ion:146 Resp: 266098
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 42.2 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 51.487 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:146 Resp: 253411
Ion Ratio Lower Upper
146 100
148 62.9 50.4 75.6
111 43.9 34.1 51.1

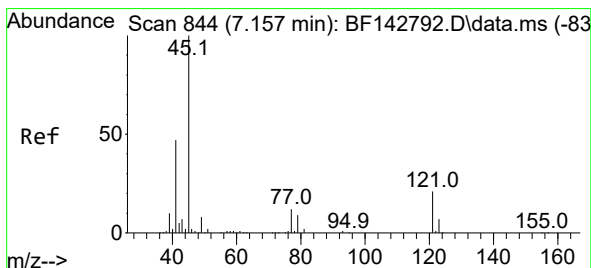
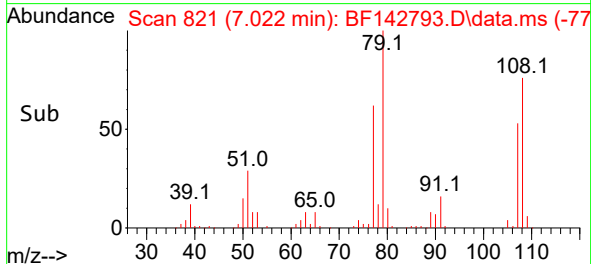
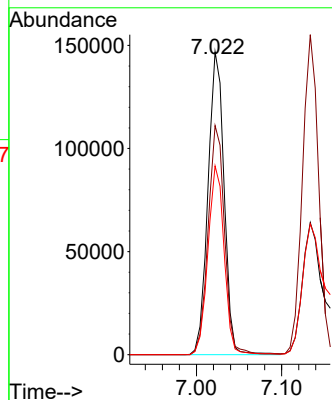
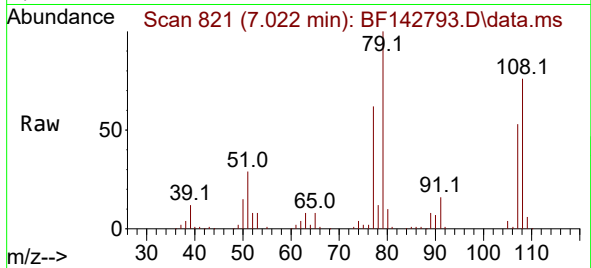




#15
Benzyl Alcohol
Concen: 53.677 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

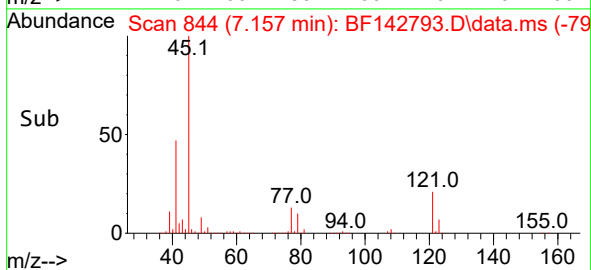
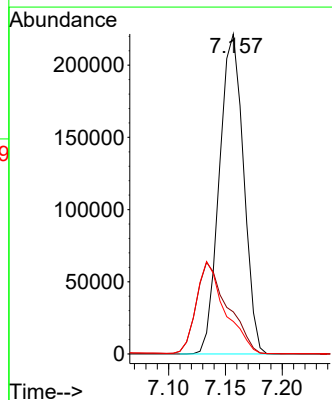
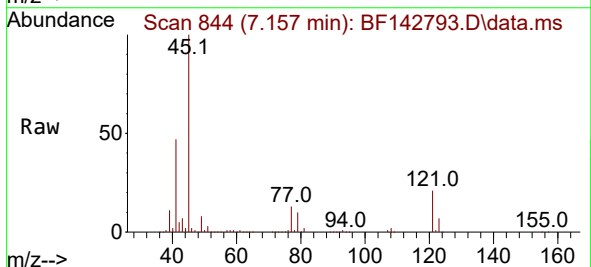
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

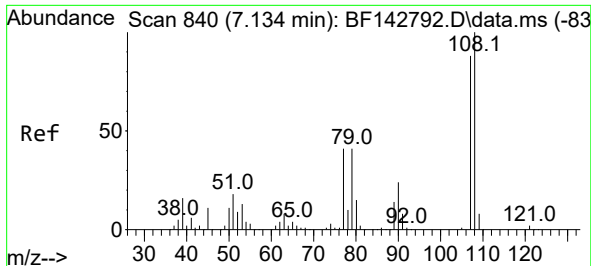
Tgt Ion: 79 Resp: 193284
Ion Ratio Lower Upper
79 100
108 75.6 63.4 95.0
77 62.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.354 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 45 Resp: 328251
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 10.2 0.0 29.8

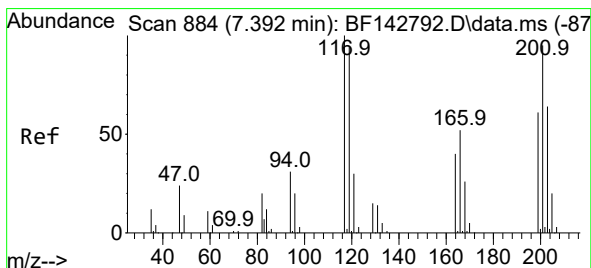
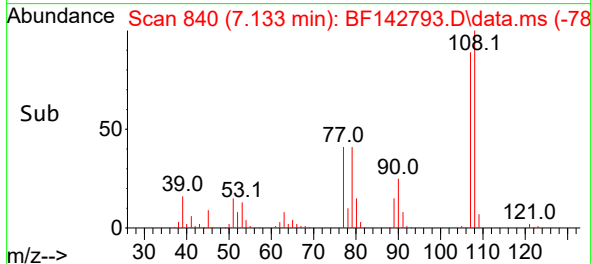
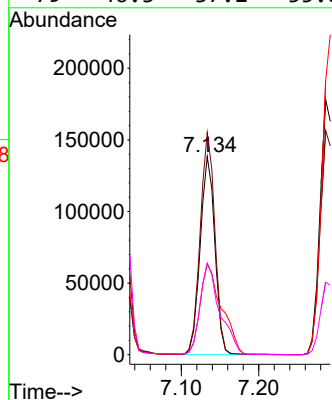
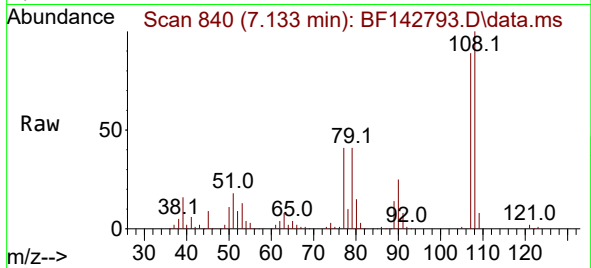




#17
2-Methylphenol
Concen: 53.415 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

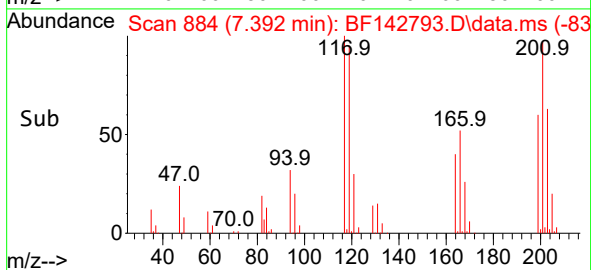
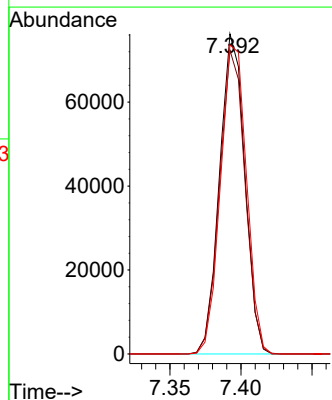
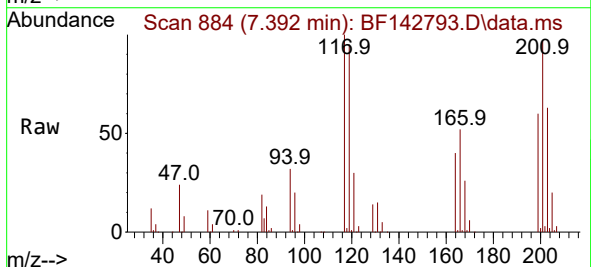
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

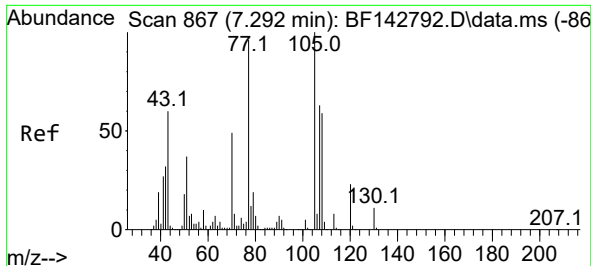
Tgt Ion:107 Resp: 182167
Ion Ratio Lower Upper
107 100
108 112.2 90.9 136.3
77 45.9 37.3 55.9
79 46.3 37.2 55.8



#18
Hexachloroethane
Concen: 51.126 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:117 Resp: 94097
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0
201 96.6 75.9 113.9

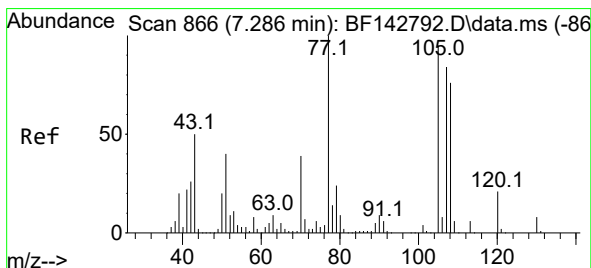
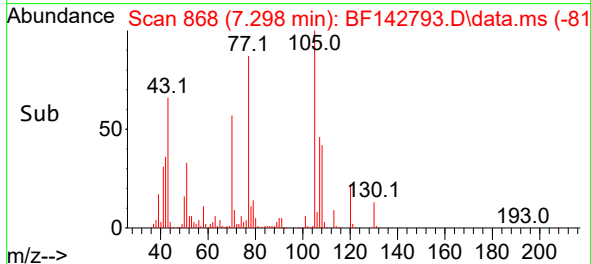
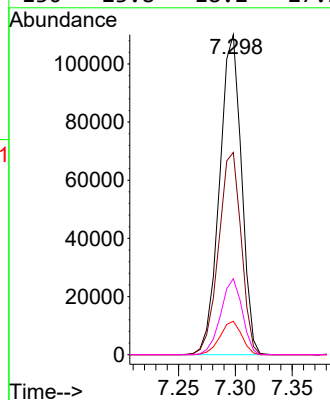
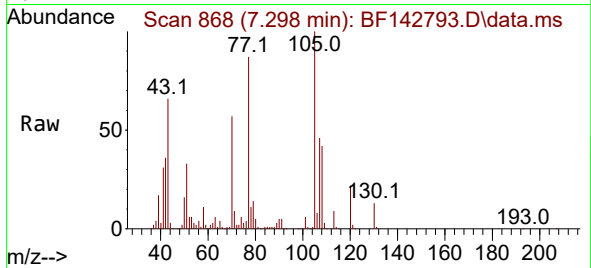




#19
n-Nitroso-di-n-propylamine
Concen: 48.753 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

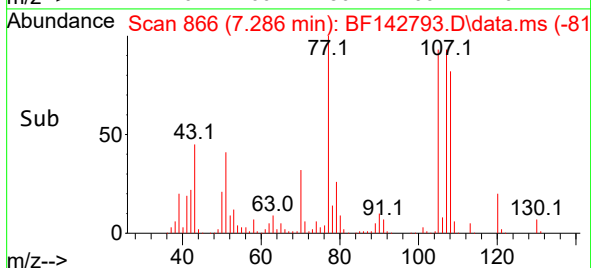
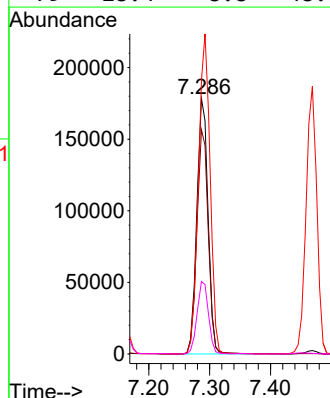
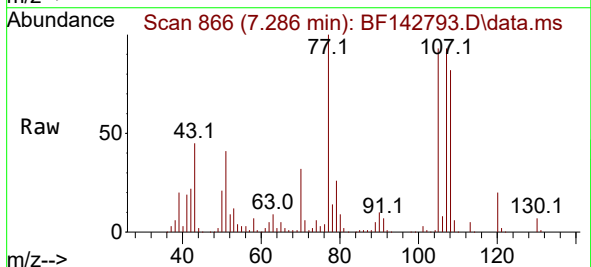
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

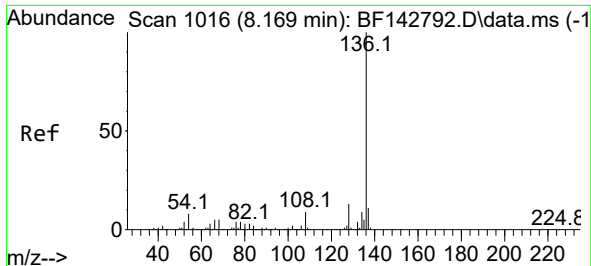
Tgt Ion: 70 Resp: 147905
Ion Ratio Lower Upper
70 100
42 63.2 52.1 78.1
101 10.4 8.2 12.2
130 23.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 53.390 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 107 Resp: 229169
Ion Ratio Lower Upper
107 100
108 87.9 70.0 110.0
77 107.3 98.5 138.5
79 28.4 8.8 48.8

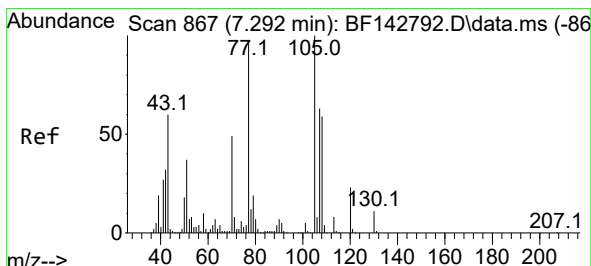
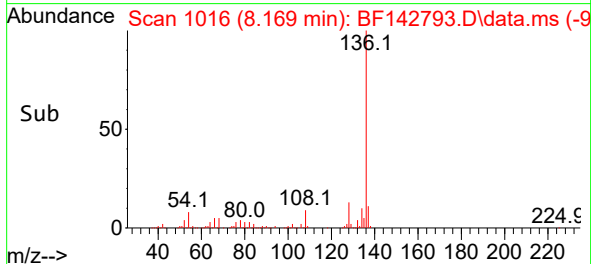
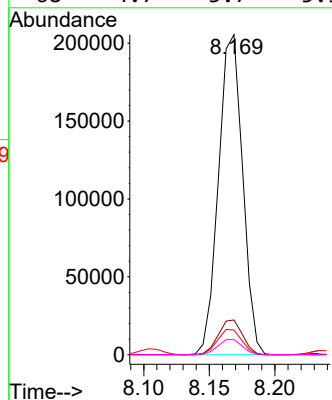
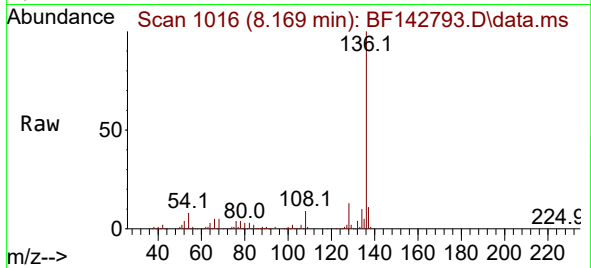




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

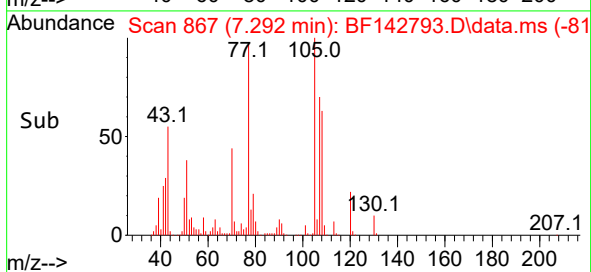
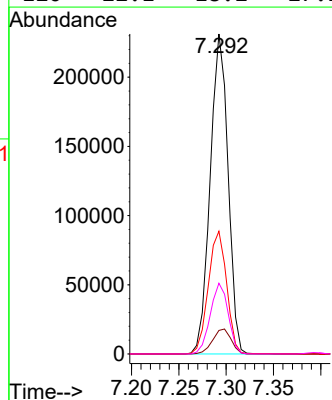
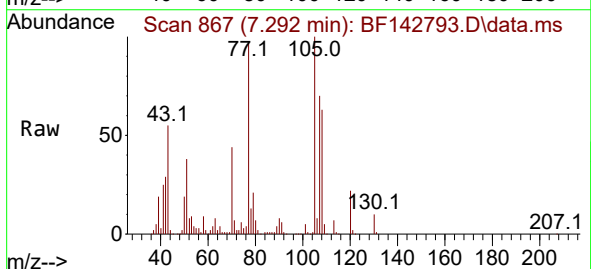
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

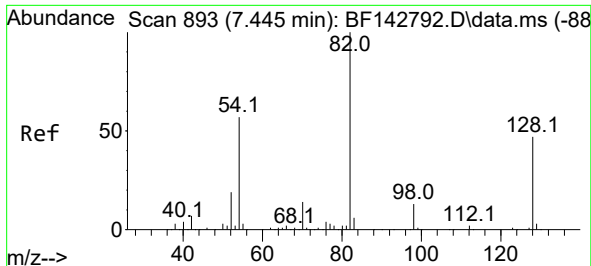
Tgt Ion:136 Resp: 262911
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 6.3 9.5
68 4.7 3.7 5.5



#22
Acetophenone
Concen: 52.102 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:105 Resp: 303087
Ion Ratio Lower Upper
105 100
71 7.4 6.5 9.7
51 38.4 29.8 44.8
120 22.1 18.2 27.2





#23

Nitrobenzene-d5

Concen: 105.669 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

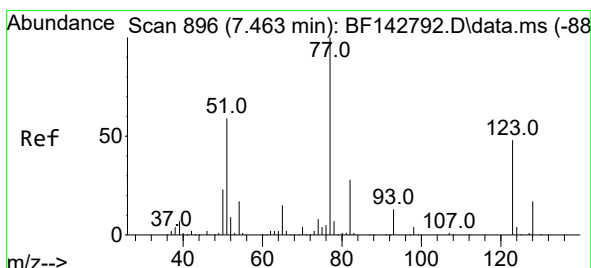
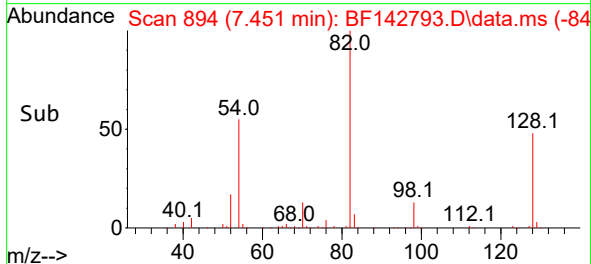
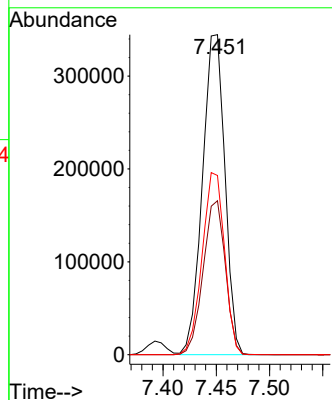
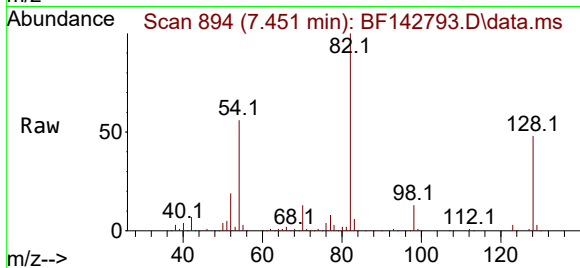
Tgt Ion: 82 Resp: 506846

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 56.0 45.7 68.5



#24

Nitrobenzene

Concen: 53.773 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

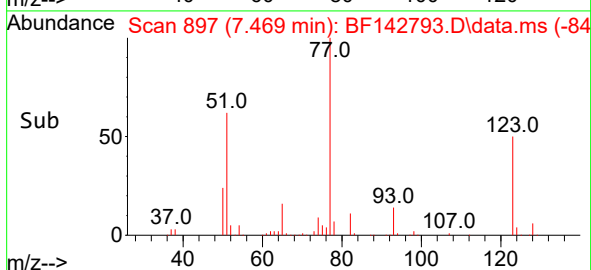
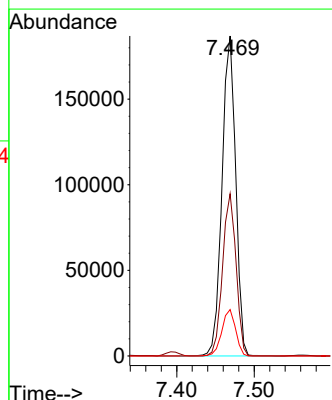
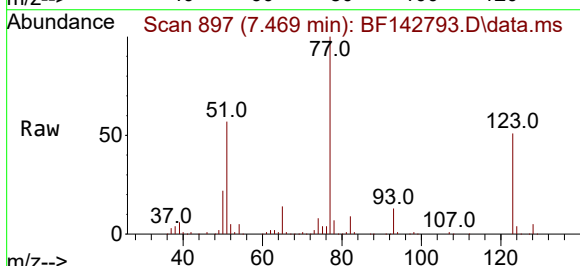
Tgt Ion: 77 Resp: 229219

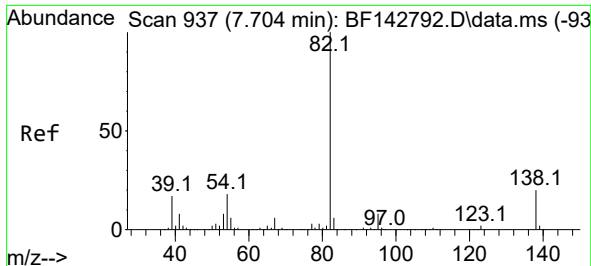
Ion Ratio Lower Upper

77 100

123 50.7 39.2 58.8

65 14.5 11.6 17.4

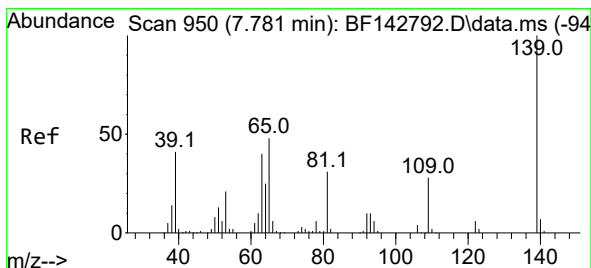
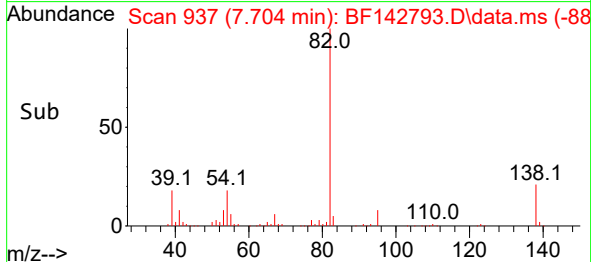
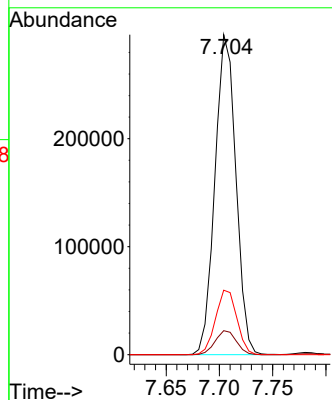
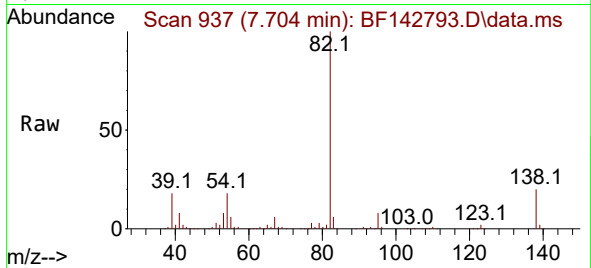




#25
Isophorone
Concen: 50.334 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

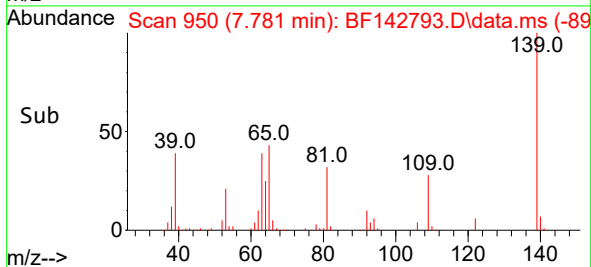
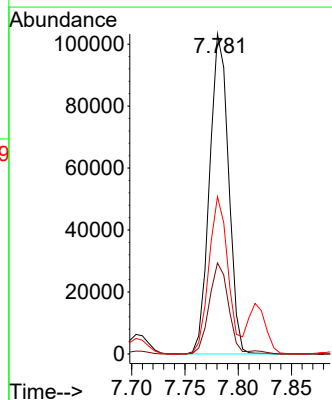
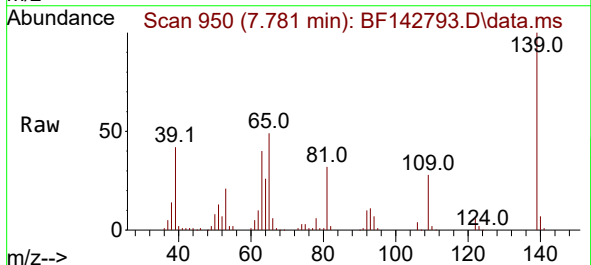
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

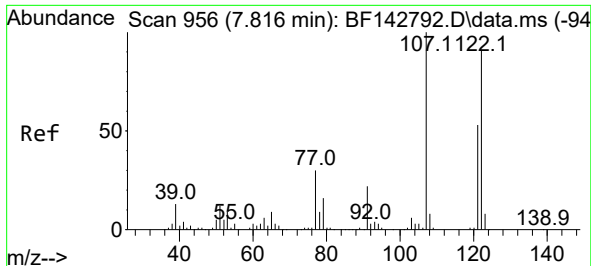
Tgt Ion: 82 Resp: 404886
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 53.795 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:139 Resp: 127773
Ion Ratio Lower Upper
139 100
109 28.5 22.7 34.1
65 49.1 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 53.466 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

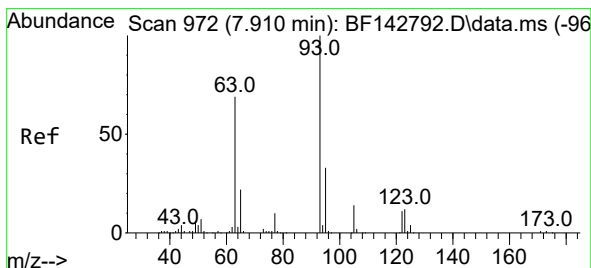
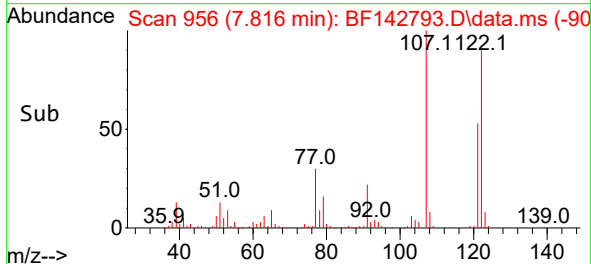
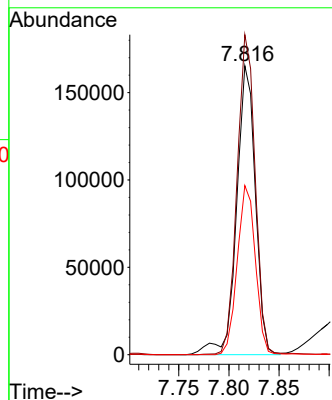
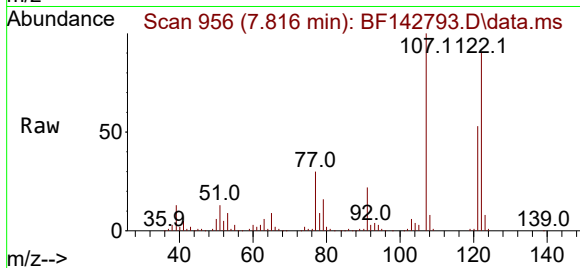
Tgt Ion:122 Resp: 216204

Ion Ratio Lower Upper

122 100

107 110.8 88.0 132.0

121 58.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 51.148 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

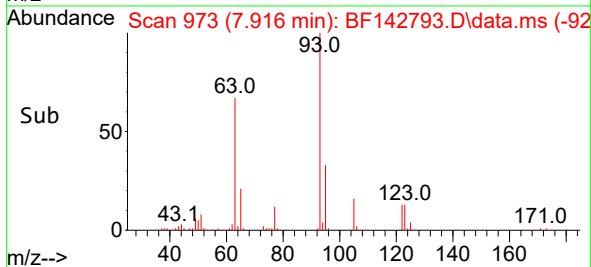
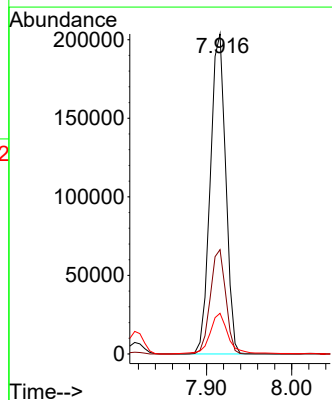
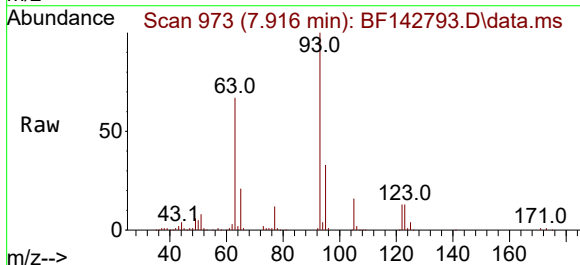
Tgt Ion: 93 Resp: 256119

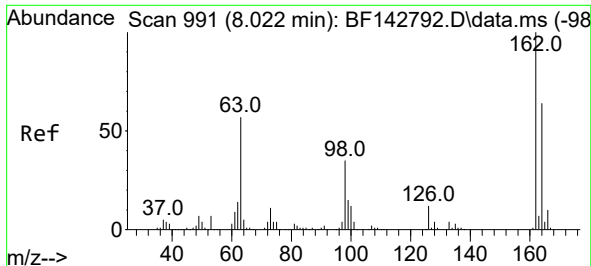
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 12.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 52.478 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

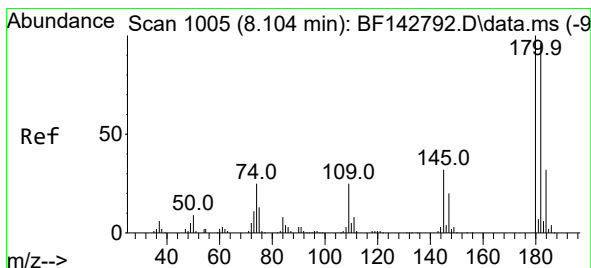
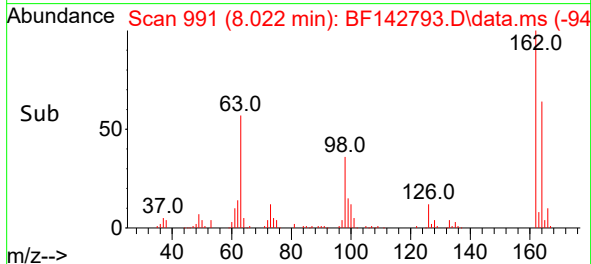
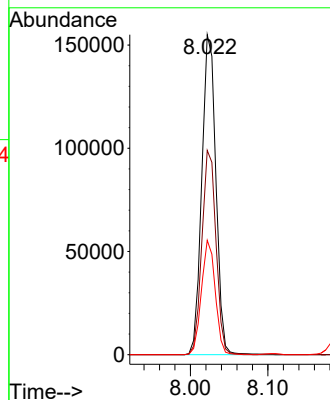
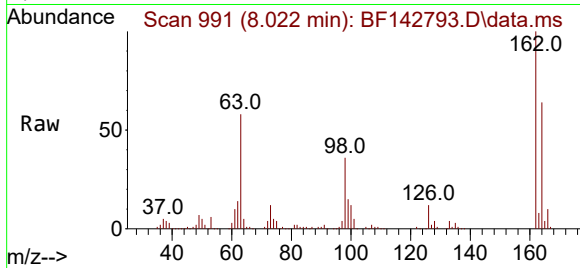
Tgt Ion:162 Resp: 195589

Ion Ratio Lower Upper

162 100

164 63.8 44.0 84.0

98 35.8 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 51.763 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

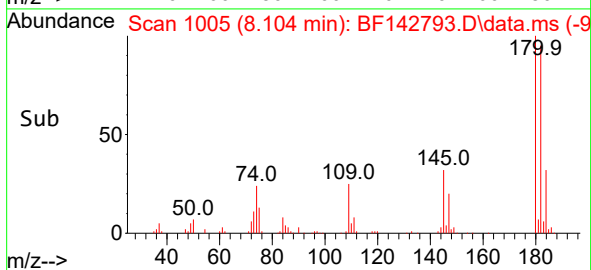
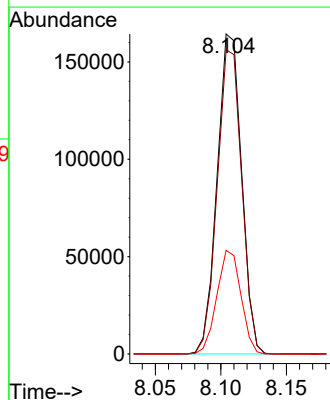
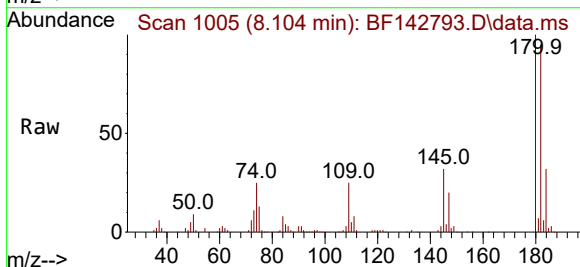
Tgt Ion:180 Resp: 213118

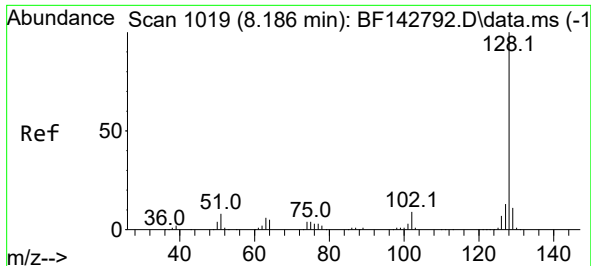
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 32.4 25.8 38.8

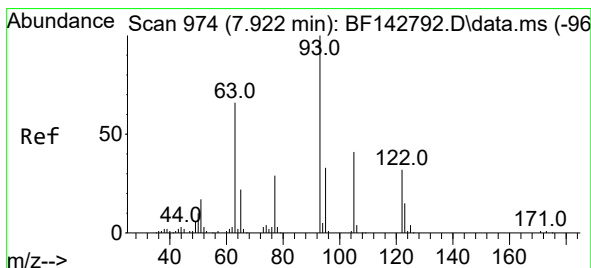
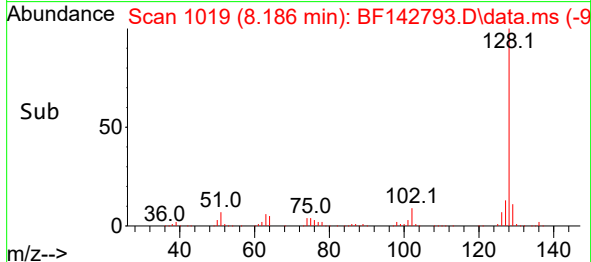
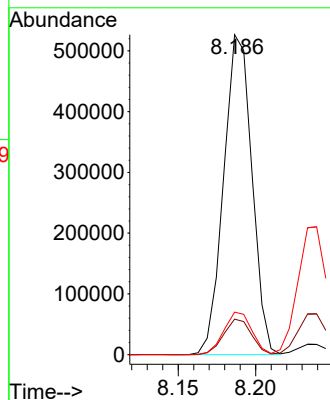
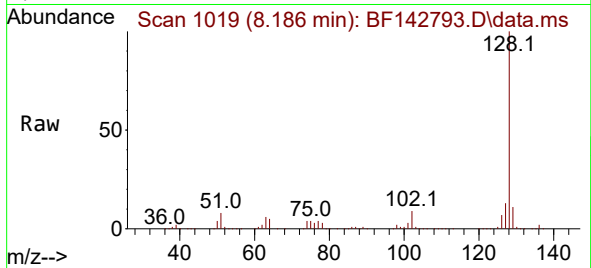




#31
Naphthalene
Concen: 51.717 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

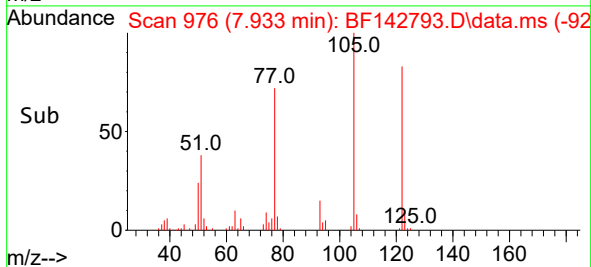
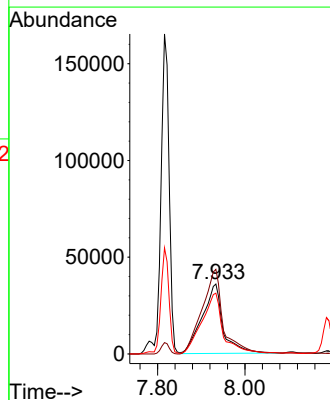
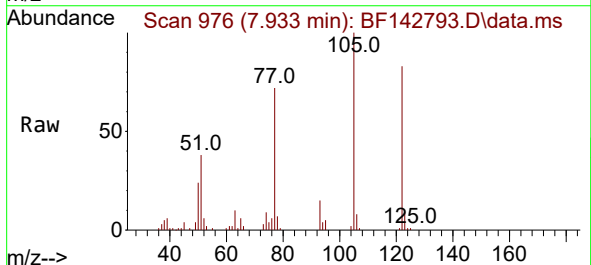
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

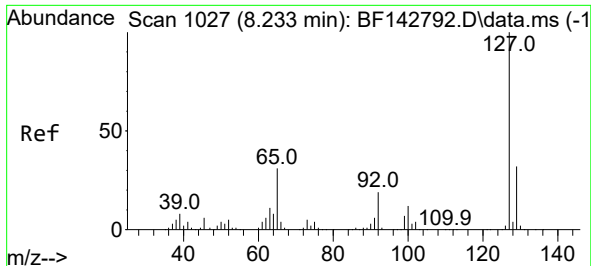
Tgt Ion:128 Resp: 668713
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 53.128 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:122 Resp: 119196
Ion Ratio Lower Upper
122 100
105 121.1 104.7 144.7
77 87.0 70.2 110.2



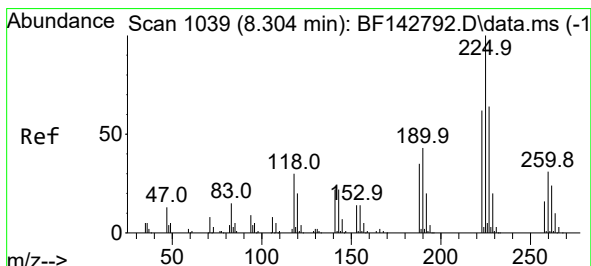
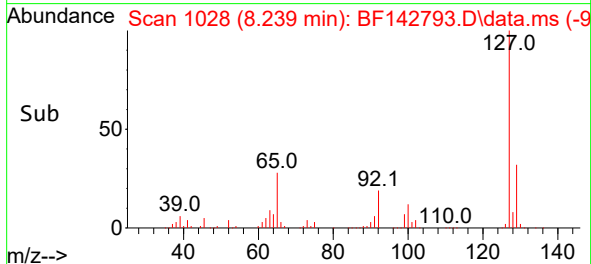
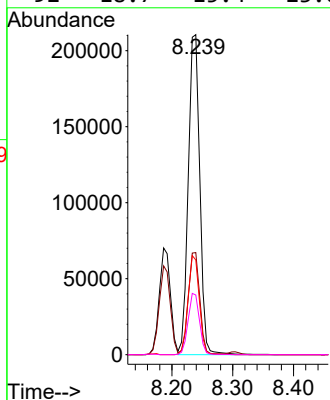
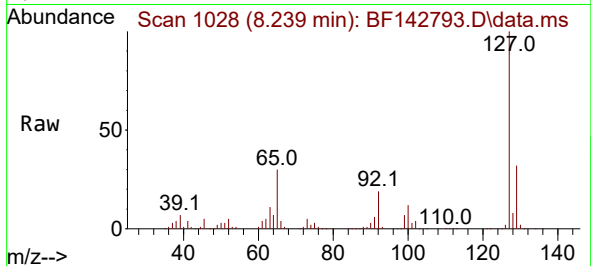


#33
4-Chloroaniline
Concen: 53.347 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 276441

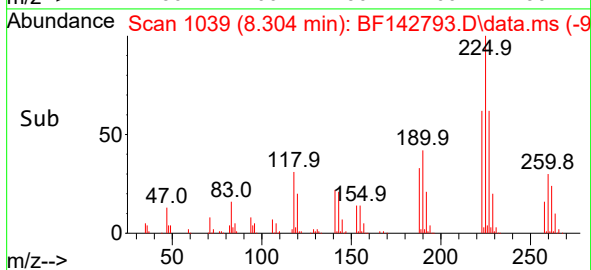
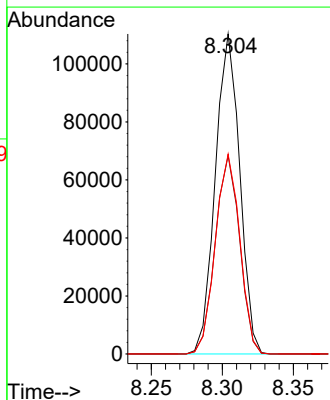
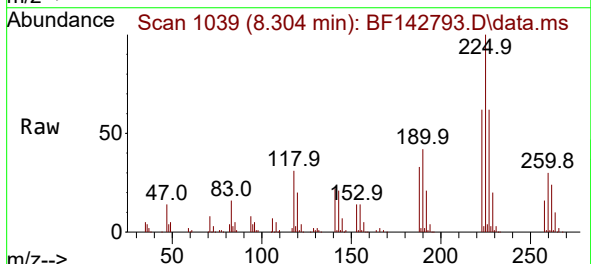
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.6	24.6	36.8
92	18.7	15.4	23.0

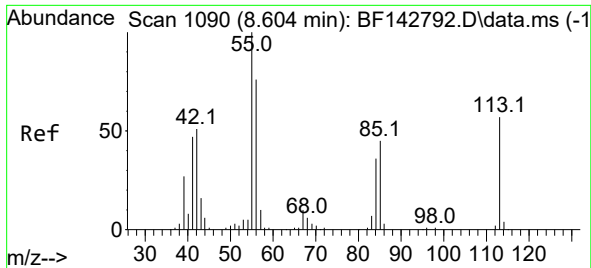


#34
Hexachlorobutadiene
Concen: 50.481 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:225 Resp: 131697

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.9	74.9
227	62.4	51.4	77.0

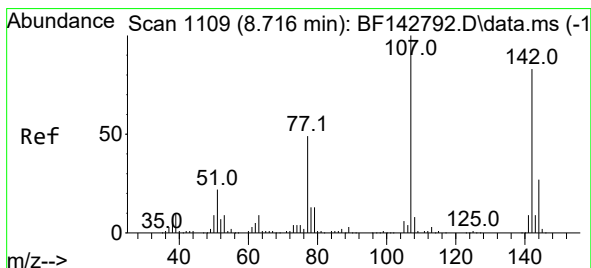
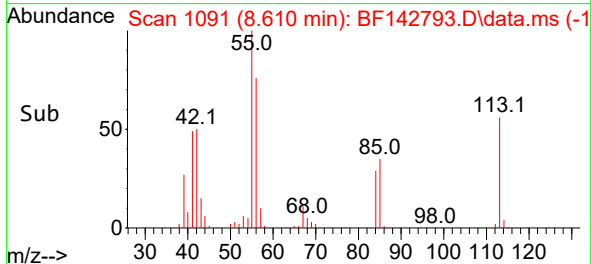
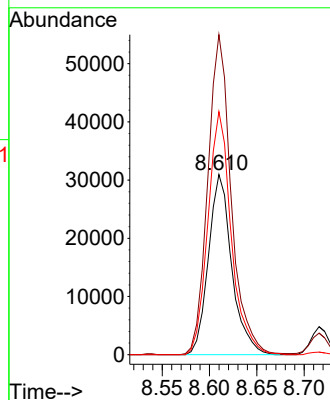
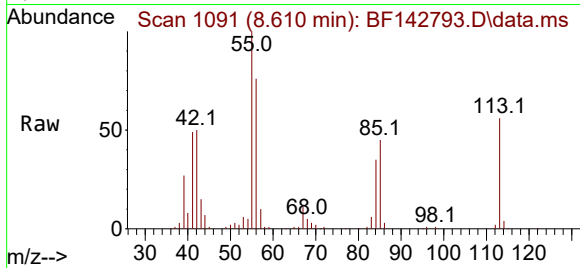




#35
 Caprolactam
 Concen: 52.873 ng
 RT: 8.610 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

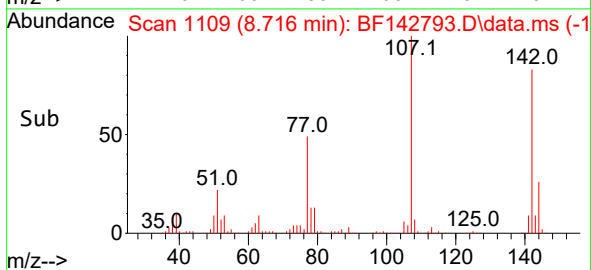
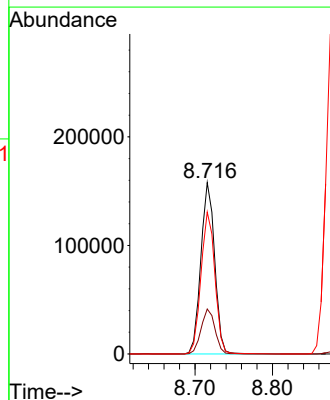
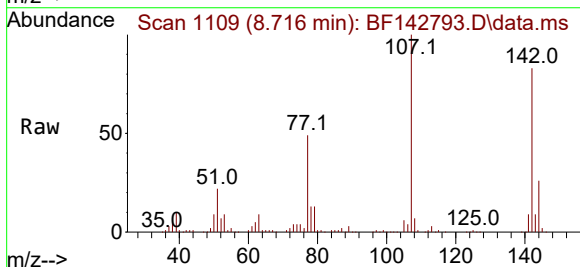
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

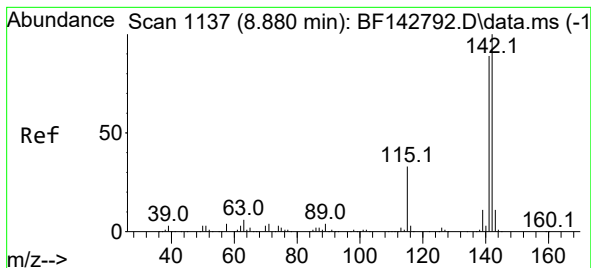
Tgt Ion:113 Resp: 53024
 Ion Ratio Lower Upper
 113 100
 55 177.6 154.4 194.4
 56 134.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 50.843 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

Tgt Ion:107 Resp: 195744
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.3 31.9
 142 82.9 66.6 100.0





#37

2-Methylnaphthalene

Concen: 50.859 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

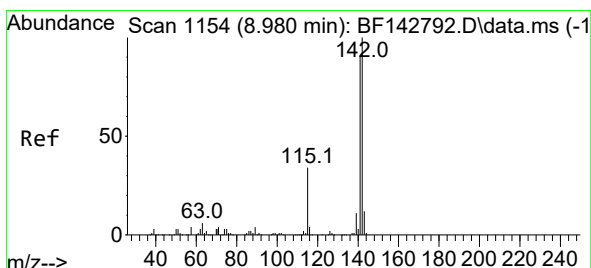
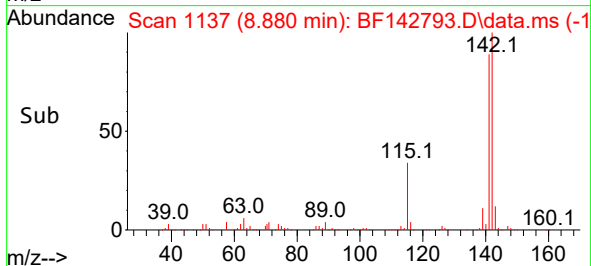
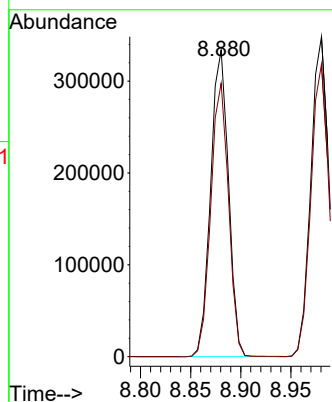
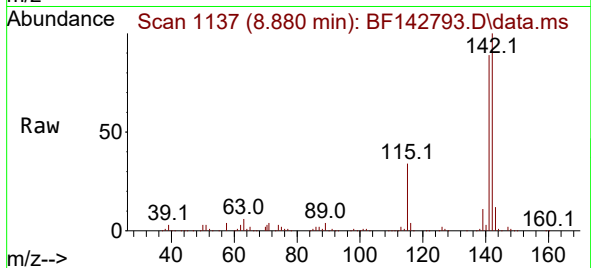
SSTDICC050

Tgt Ion:142 Resp: 414854

Ion Ratio Lower Upper

142 100

141 89.1 70.9 106.3



#38

1-Methylnaphthalene

Concen: 50.792 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF142793.D

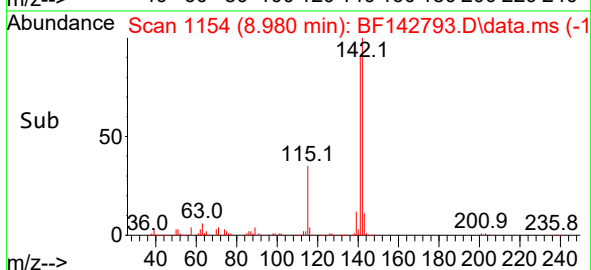
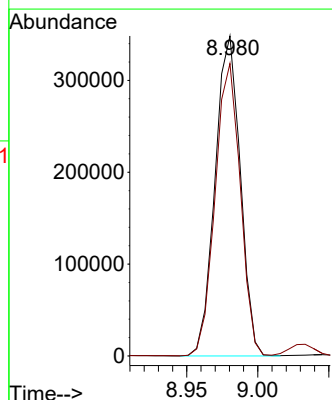
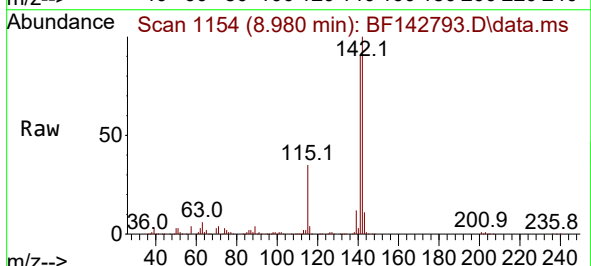
Acq: 19 Jun 2025 19:40

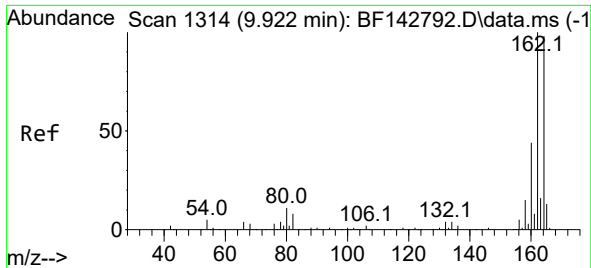
Tgt Ion:142 Resp: 430144

Ion Ratio Lower Upper

142 100

141 91.4 73.0 109.4

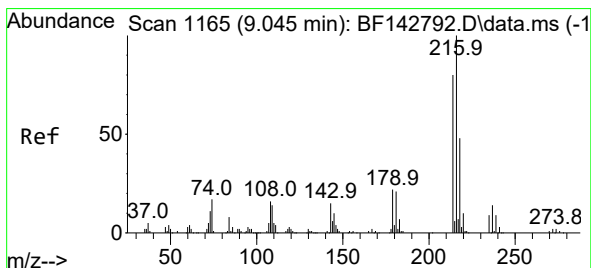
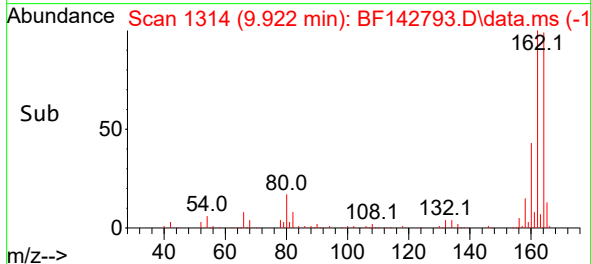
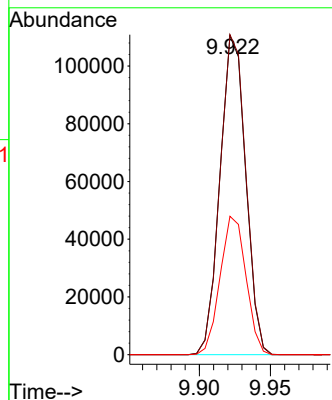
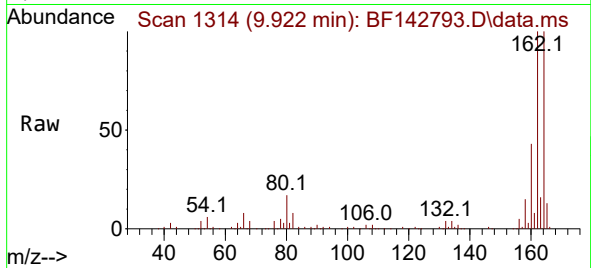




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

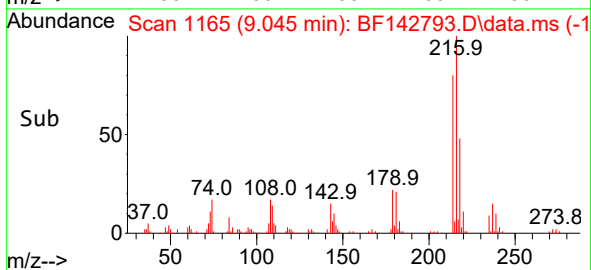
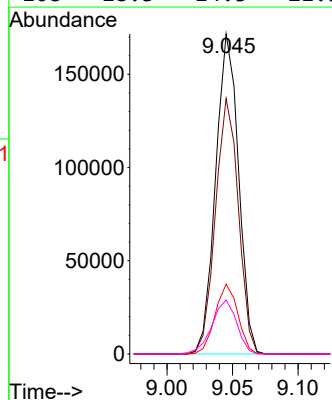
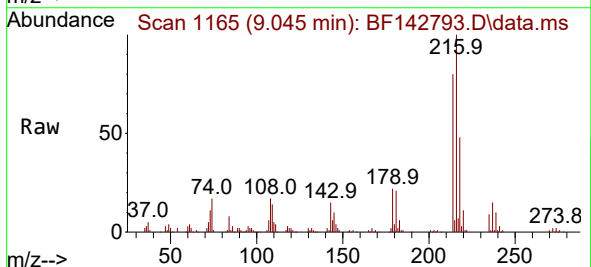
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

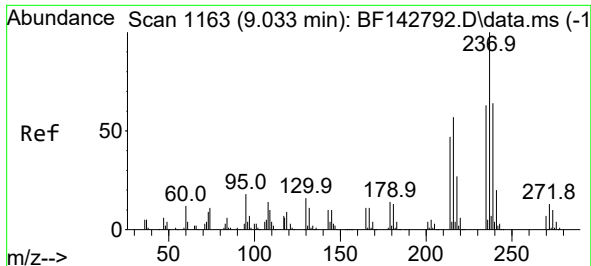
Tgt Ion:164 Resp: 139156
Ion Ratio Lower Upper
164 100
162 100.3 81.8 122.8
160 43.4 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.779 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:216 Resp: 207997
Ion Ratio Lower Upper
216 100
214 79.7 63.7 95.5
179 21.6 17.6 26.4
108 18.3 14.3 21.5

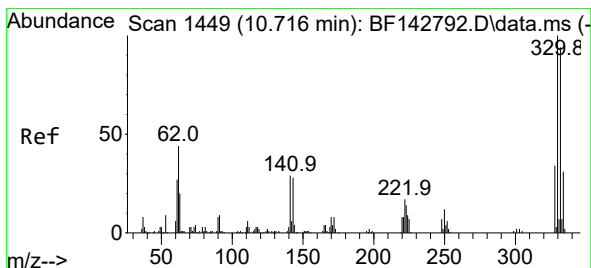
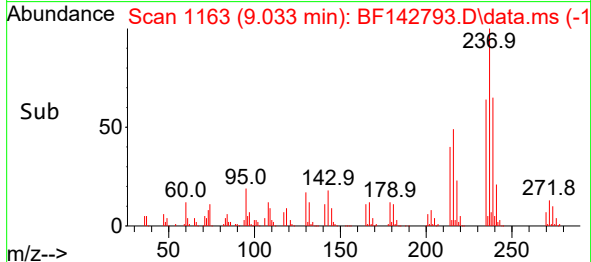
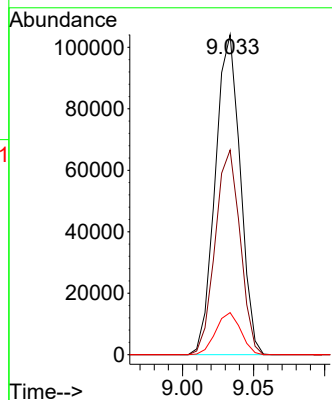
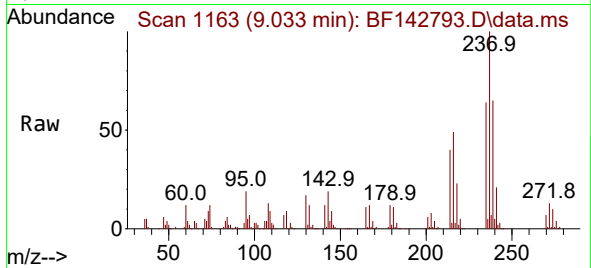




#41
Hexachlorocyclopentadiene
Concen: 50.012 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

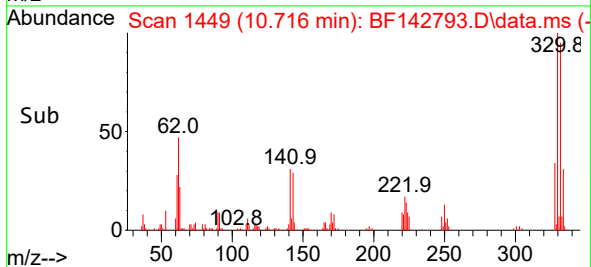
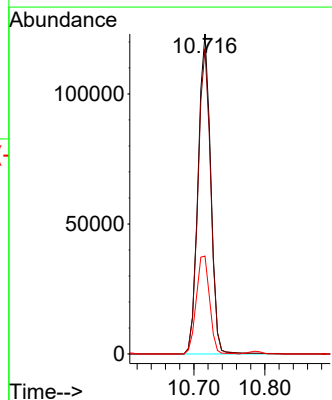
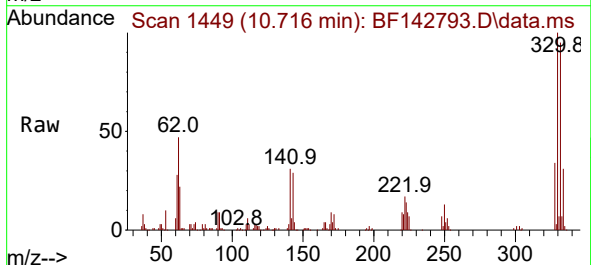
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

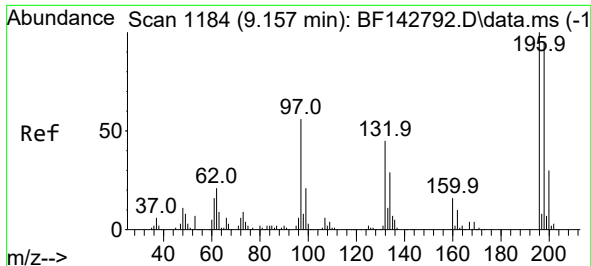
Tgt Ion:237 Resp: 127033
Ion Ratio Lower Upper
237 100
235 64.0 43.4 83.4
272 13.2 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 100.743 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:330 Resp: 152358
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.6
141 32.3 25.3 37.9

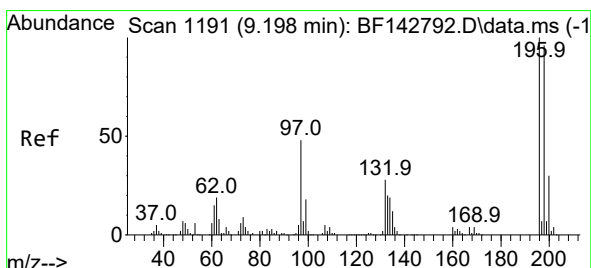
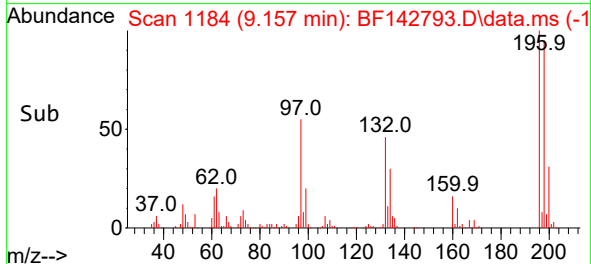
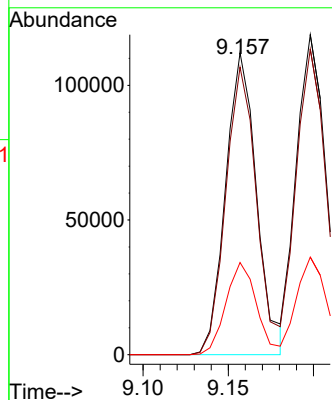
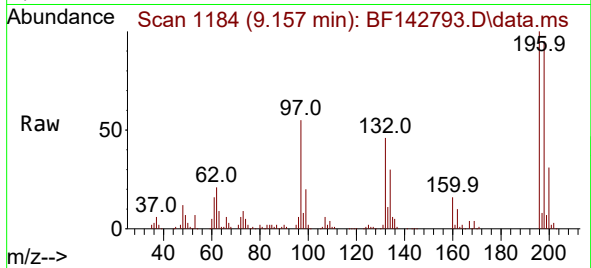




#43
2,4,6-Trichlorophenol
Concen: 54.597 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

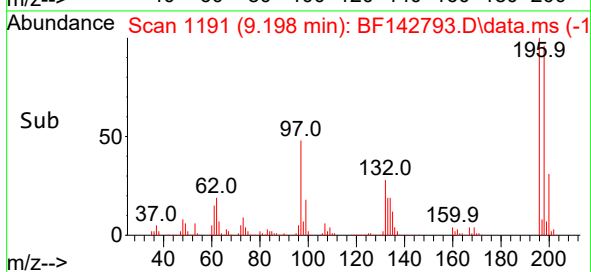
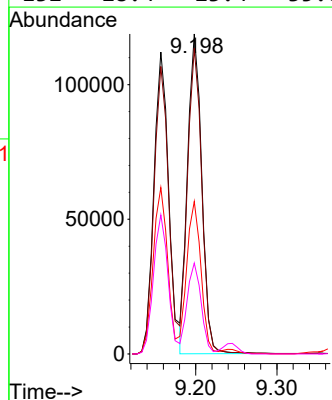
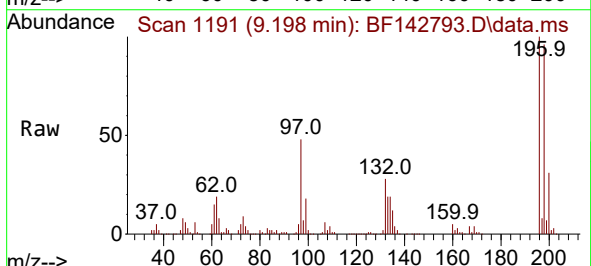
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

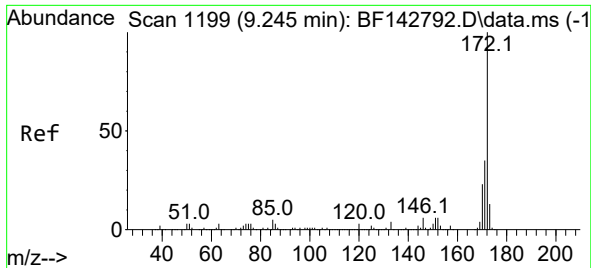
Tgt Ion:196 Resp: 141932
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 51.550 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:196 Resp: 144717
Ion Ratio Lower Upper
196 100
198 95.5 76.6 115.0
97 47.7 38.2 57.2
132 28.4 23.4 35.0

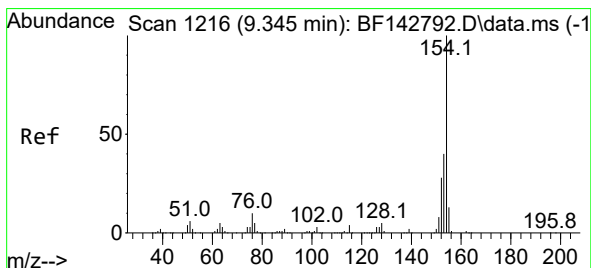
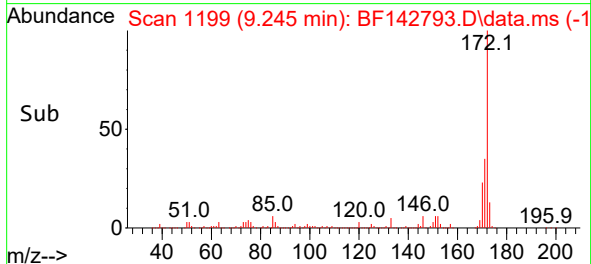
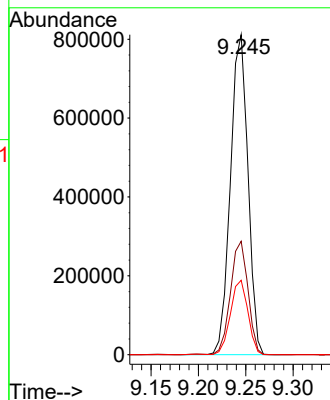
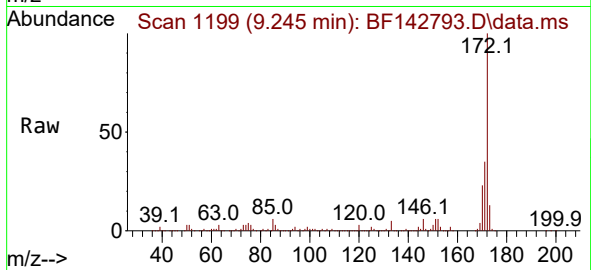




#45
2-Fluorobiphenyl
Concen: 99.755 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

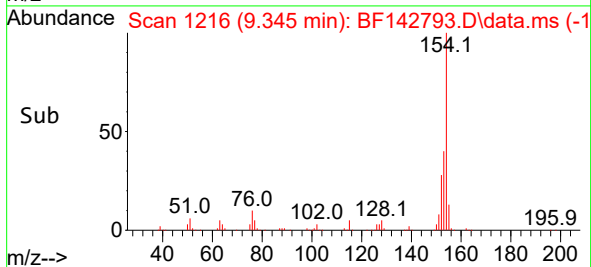
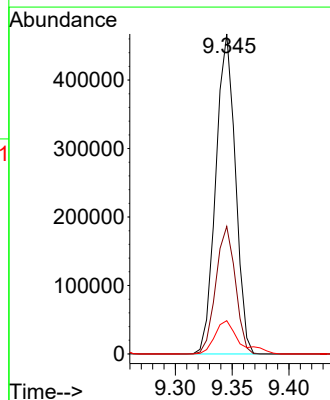
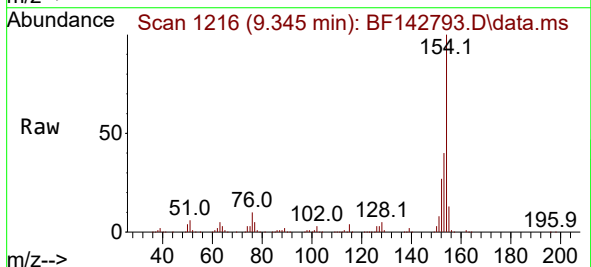
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

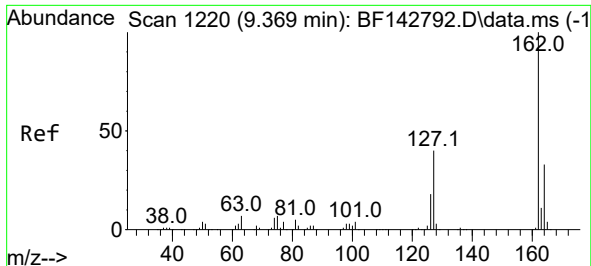
Tgt Ion:172 Resp: 1043477
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 51.807 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:154 Resp: 559765
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 10.4 0.0 30.3

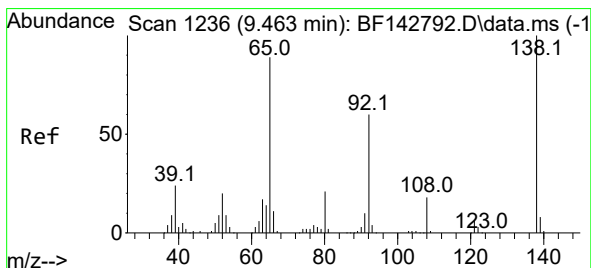
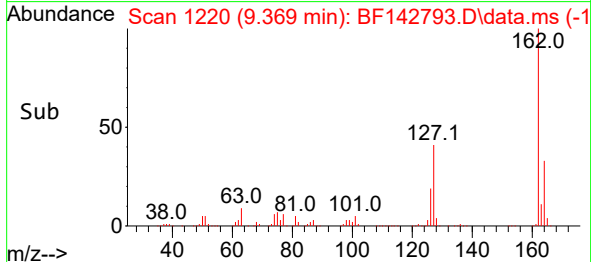
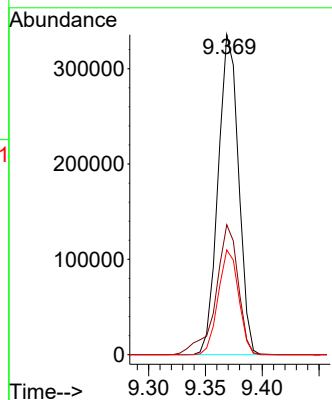
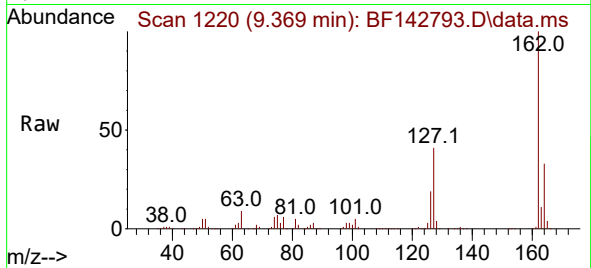




#47
2-Chloronaphthalene
Concen: 52.754 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

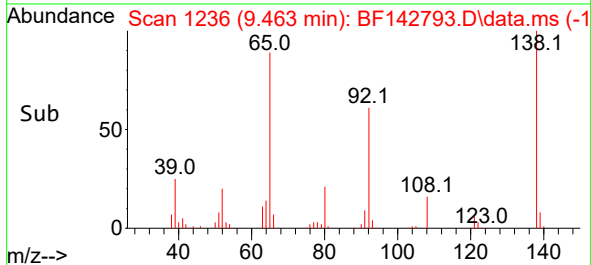
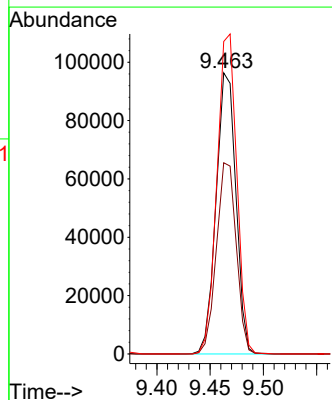
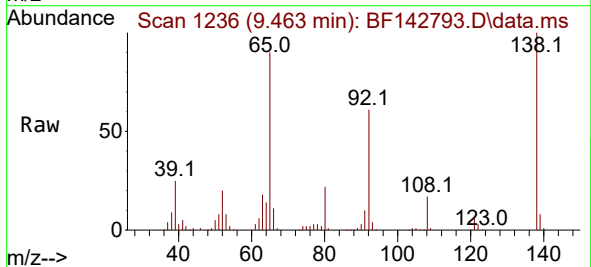
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

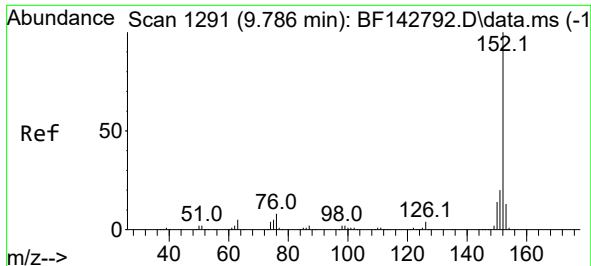
Tgt Ion:162 Resp: 420603
Ion Ratio Lower Upper
162 100
127 40.6 32.2 48.2
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 54.955 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion: 65 Resp: 124478
Ion Ratio Lower Upper
65 100
92 68.0 53.8 80.6
138 111.1 89.6 134.4

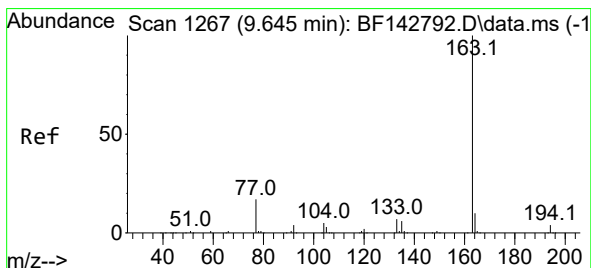
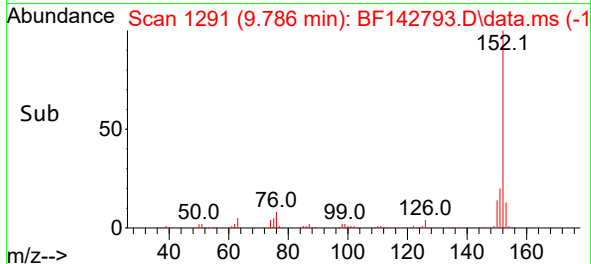
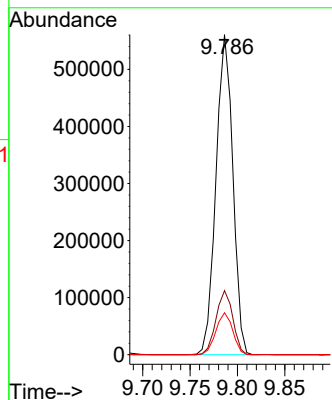
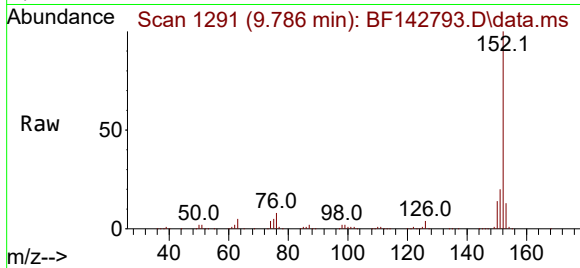




#49
Acenaphthylene
Concen: 51.783 ng
RT: 9.786 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

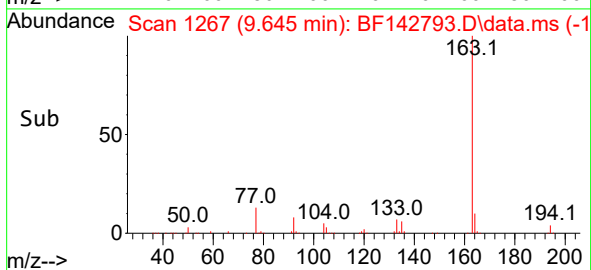
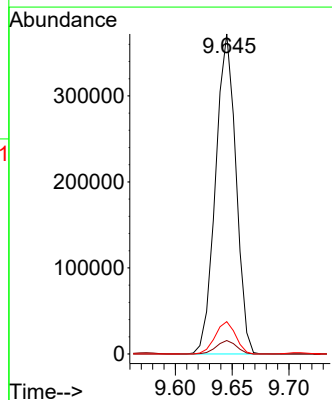
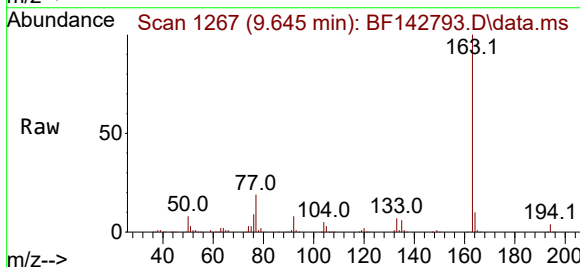
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

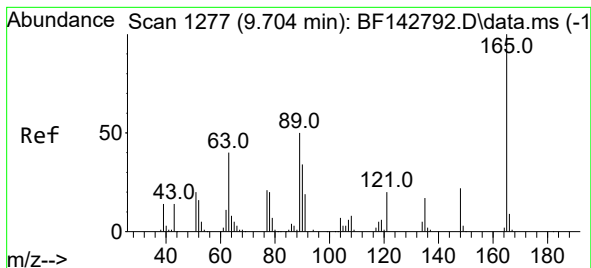
Tgt Ion:152 Resp: 694098
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 50.308 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:163 Resp: 464372
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 51.156 ng

RT: 9.710 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

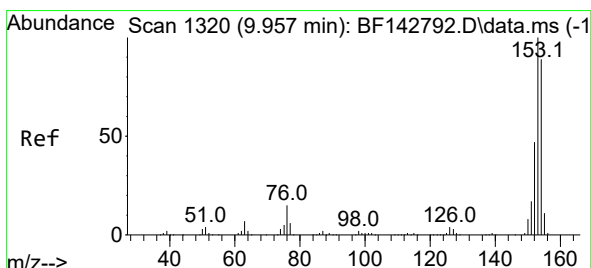
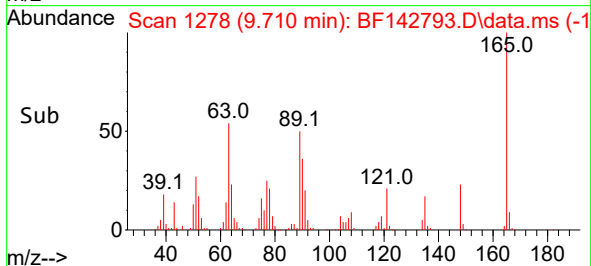
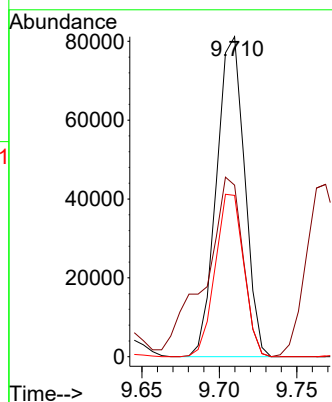
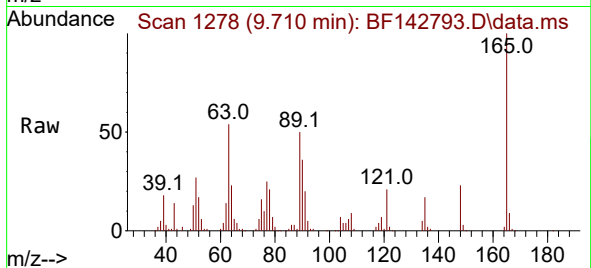
Tgt Ion:165 Resp: 102361

Ion Ratio Lower Upper

165 100

63 53.6 44.2 66.4

89 50.4 39.8 59.8



#52

Acenaphthene

Concen: 51.498 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

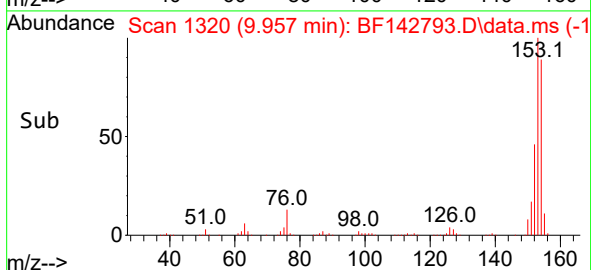
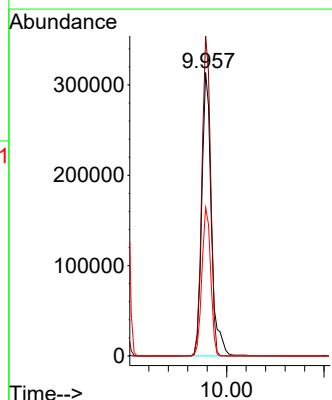
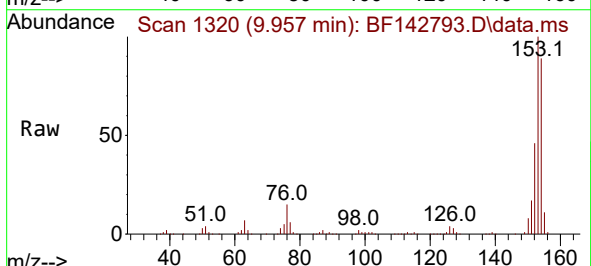
Tgt Ion:154 Resp: 427135

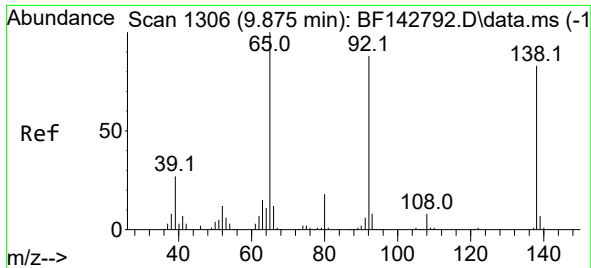
Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

152 52.4 41.9 62.9

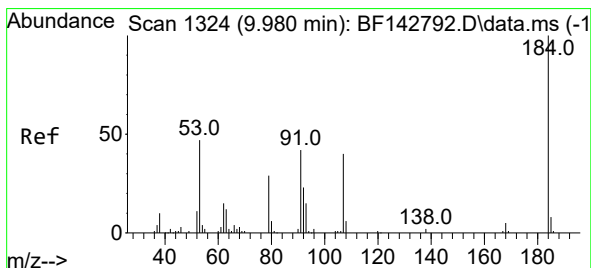
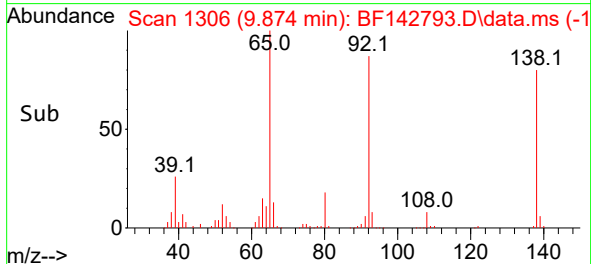
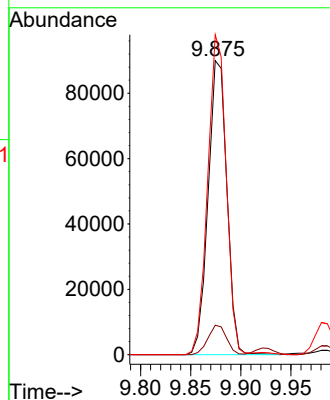
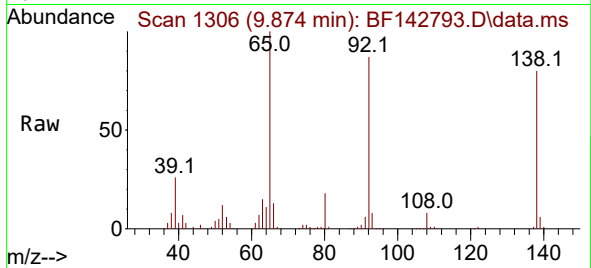




#53
3-Nitroaniline
Concen: 54.038 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

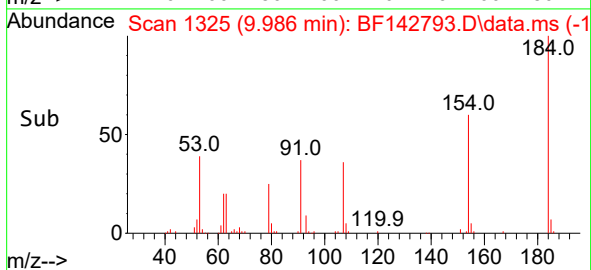
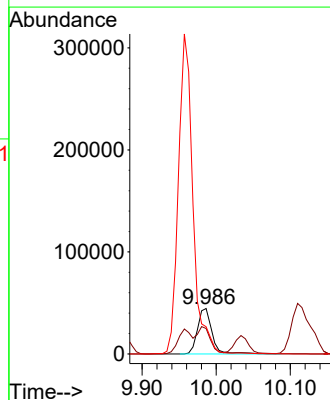
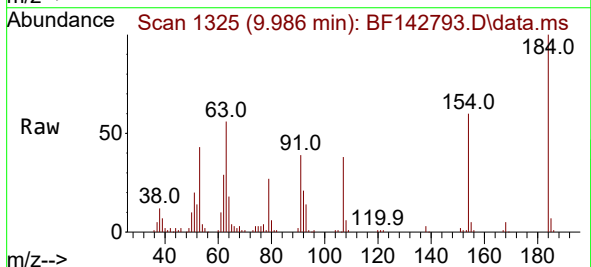
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

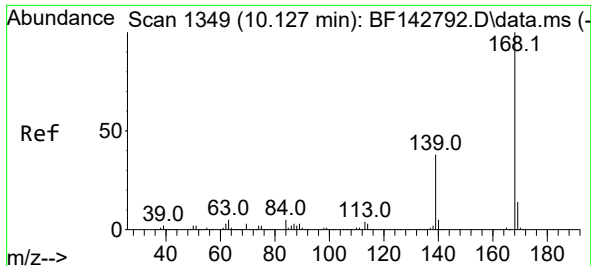
Tgt Ion:138 Resp: 117448
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 108.8 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 55.696 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:184 Resp: 60308
Ion Ratio Lower Upper
184 100
63 56.0 50.6 75.8
154 59.9 51.8 77.8

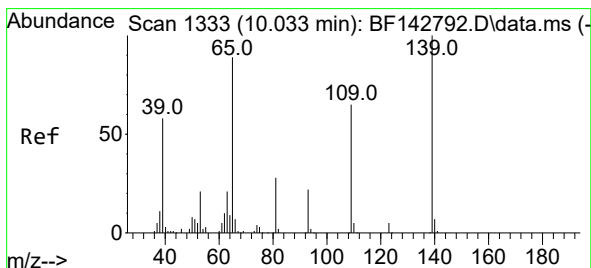
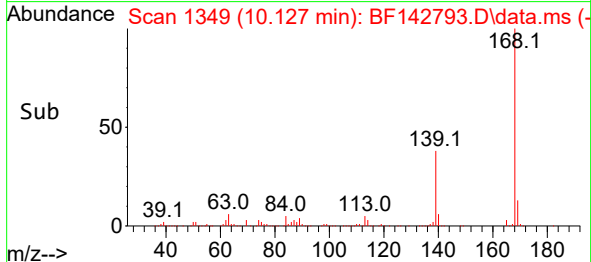
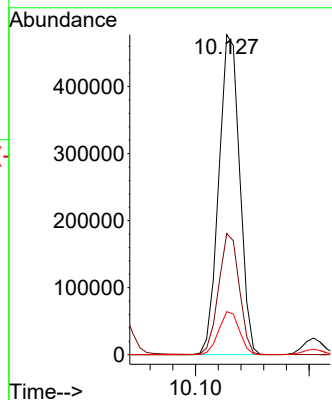
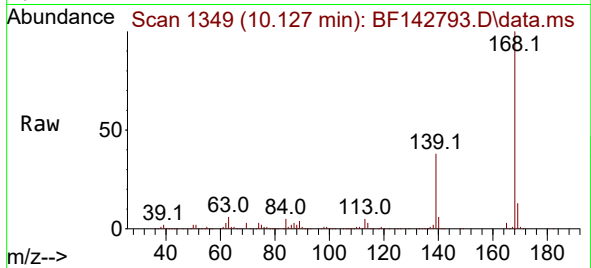




#55
Dibenzofuran
Concen: 51.506 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

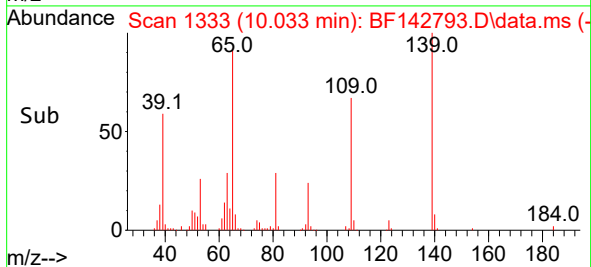
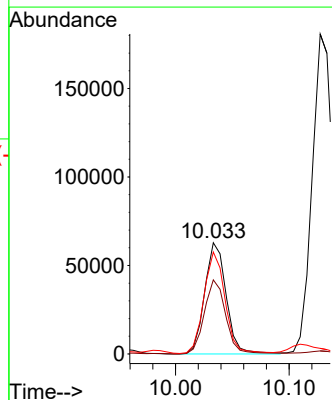
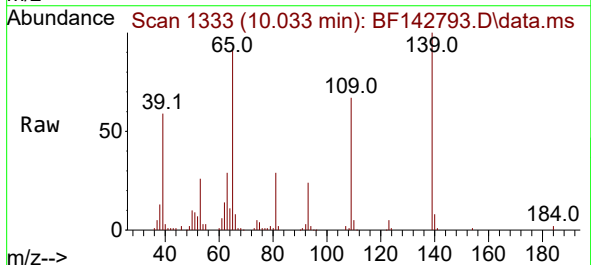
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

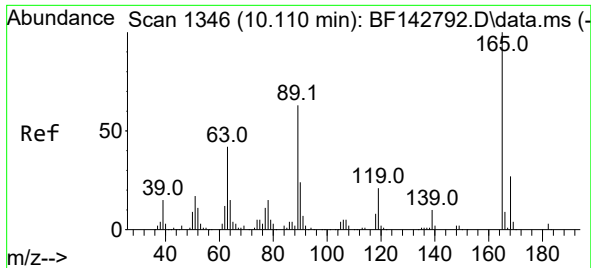
Tgt Ion:168 Resp: 609507
Ion Ratio Lower Upper
168 100
139 37.9 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 56.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:139 Resp: 82688
Ion Ratio Lower Upper
139 100
109 66.5 44.7 84.7
65 91.6 69.8 109.8

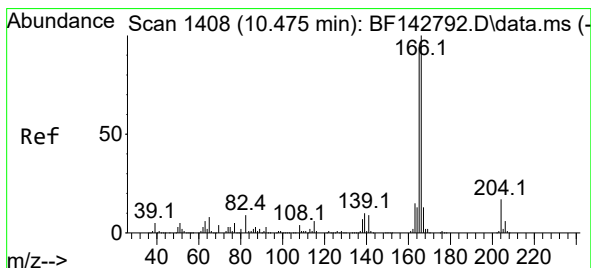
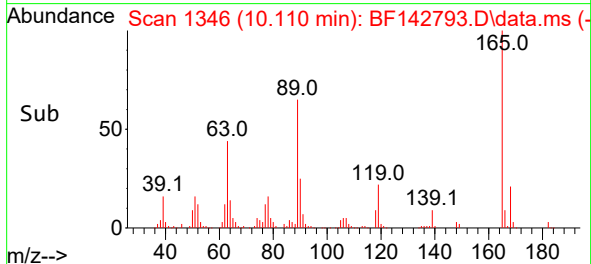
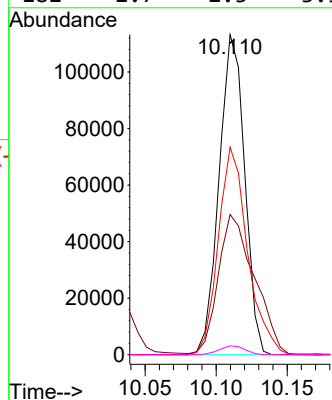
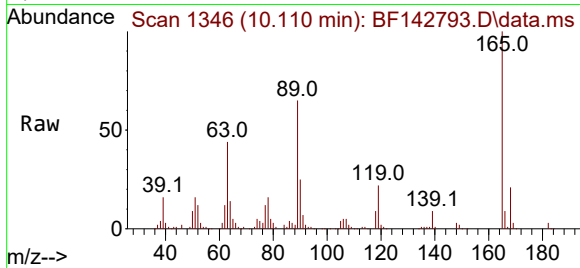




#57
2,4-Dinitrotoluene
Concen: 53.554 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

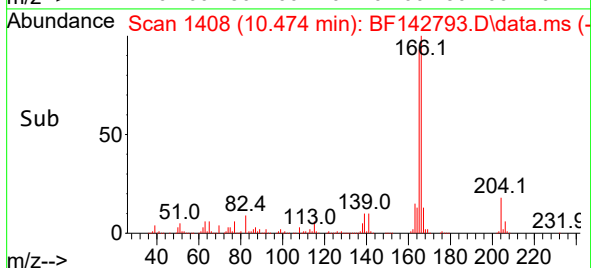
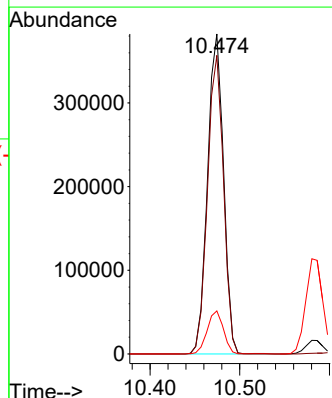
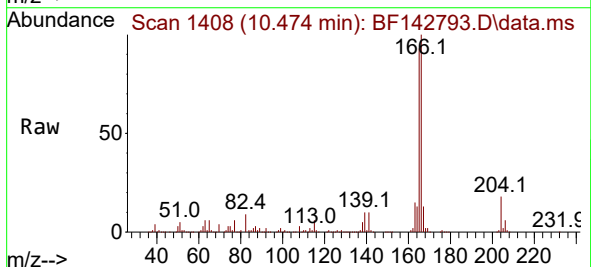
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

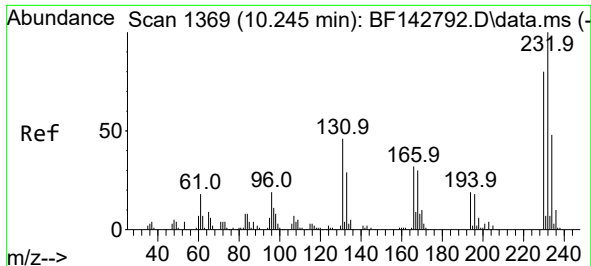
Tgt Ion:165 Resp: 141691
Ion Ratio Lower Upper
165 100
63 43.8 33.9 50.9
89 64.8 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 50.747 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:166 Resp: 473968
Ion Ratio Lower Upper
166 100
165 93.3 75.2 112.8
167 13.5 10.6 15.8

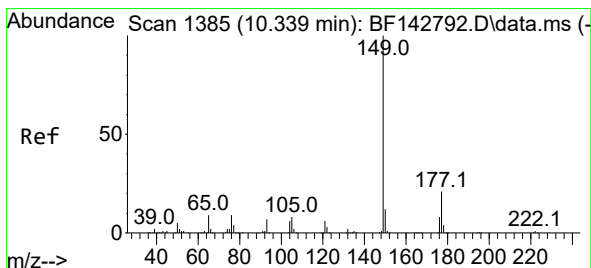
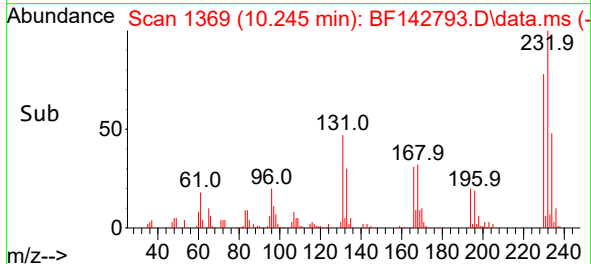
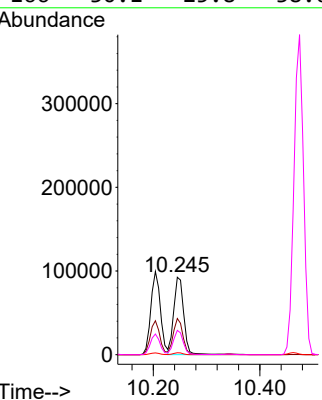
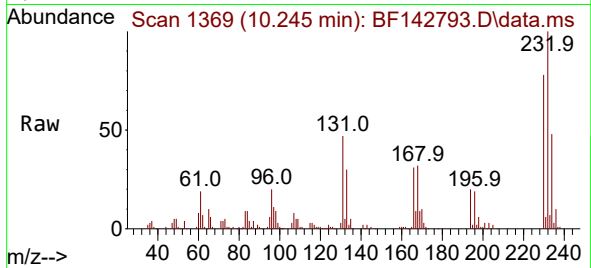




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.988 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

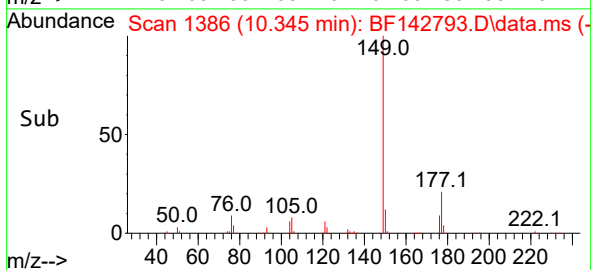
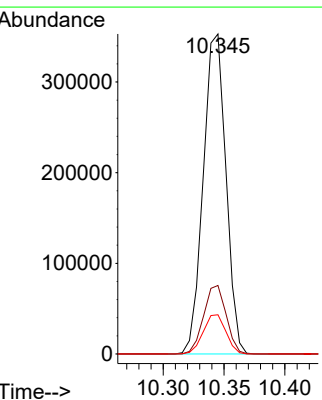
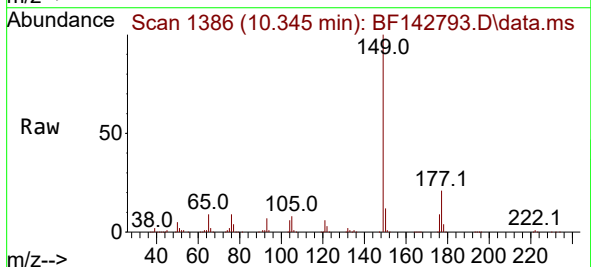
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

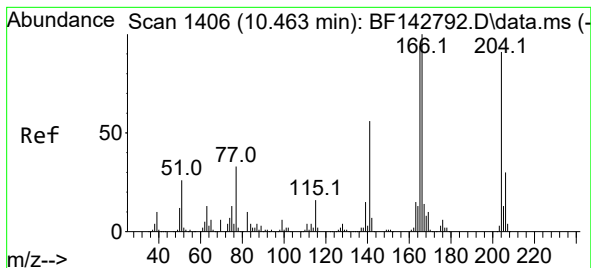
Tgt Ion:232 Resp: 120008
Ion Ratio Lower Upper
232 100
131 44.8 37.6 56.4
130 2.3 1.7 2.5
166 30.1 25.8 38.6



#60
Diethylphthalate
Concen: 50.010 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 458546
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.3 9.8 14.6

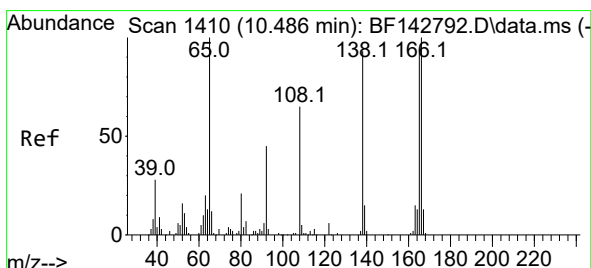
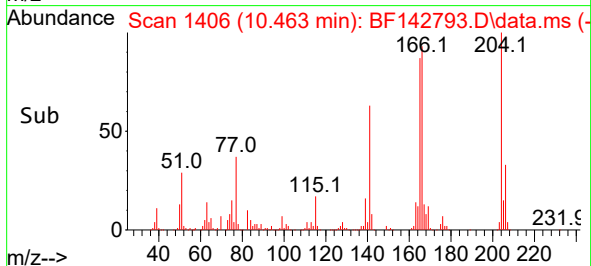
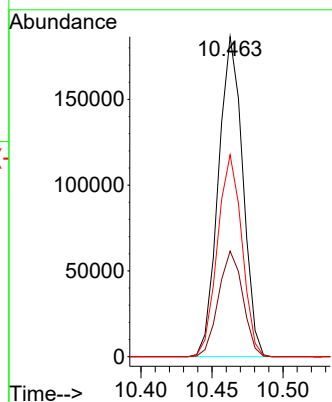
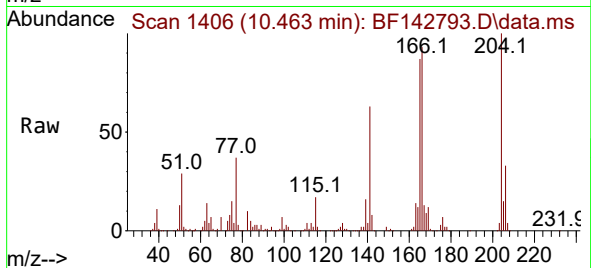




#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

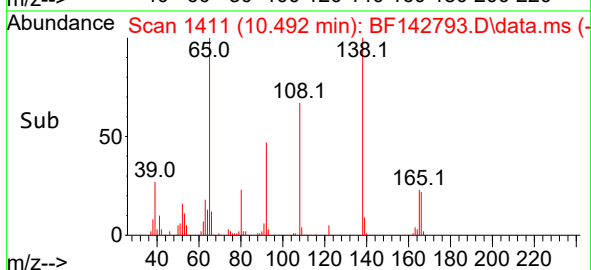
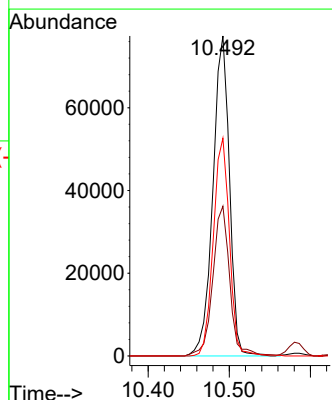
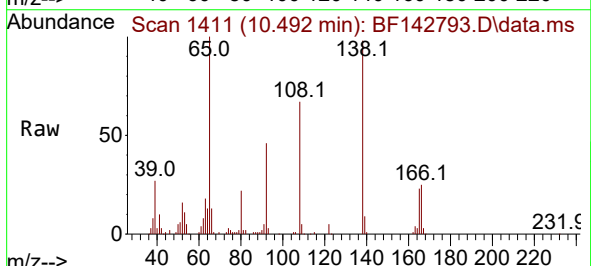
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

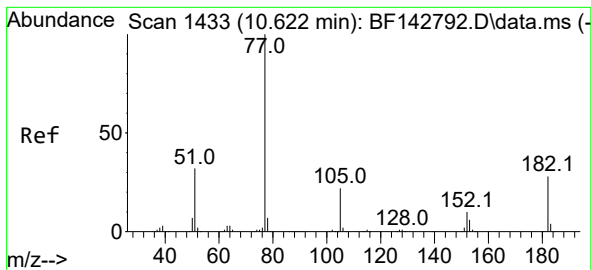
Tgt Ion:204 Resp: 222613
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 56.363 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:138 Resp: 109973
Ion Ratio Lower Upper
138 100
92 46.8 28.4 68.4
108 68.1 50.2 90.2

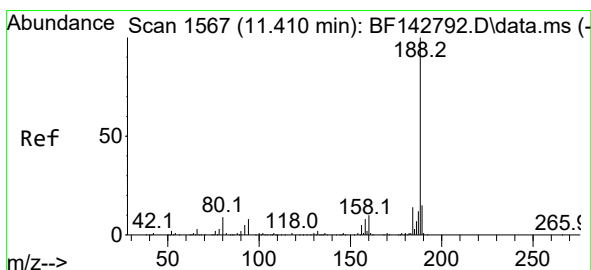
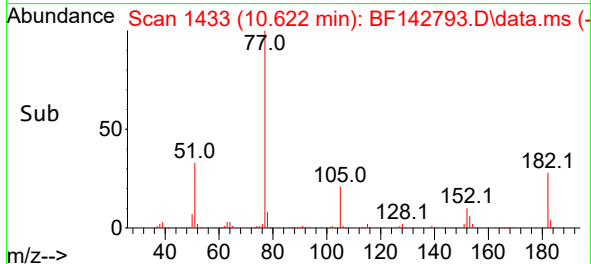
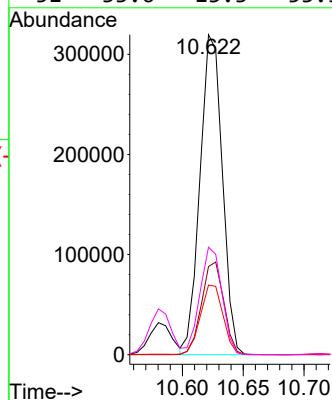
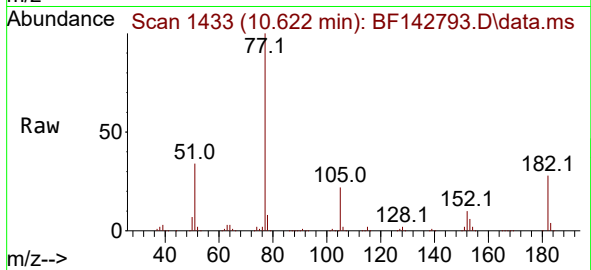




#63
Azobenzene
Concen: 51.063 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

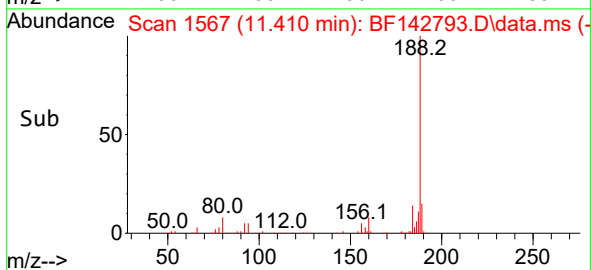
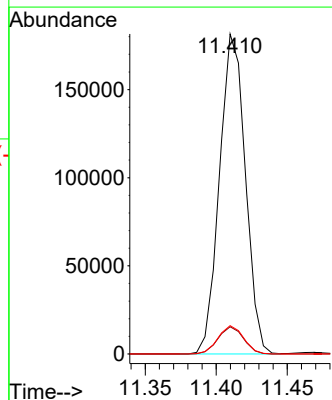
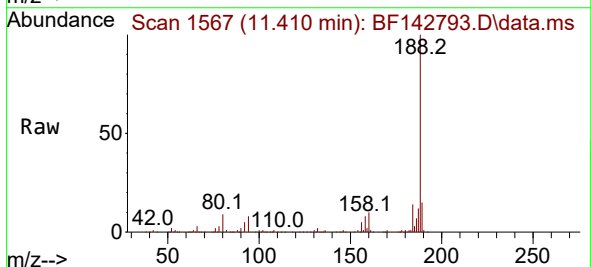
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

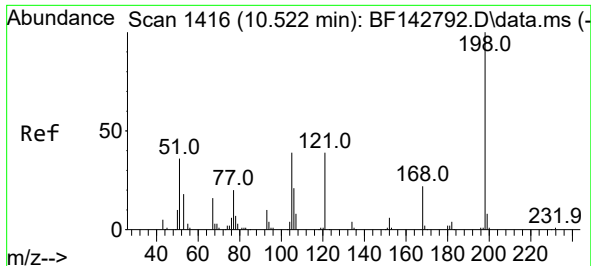
Tgt Ion: 77	Resp: 409164
Ion Ratio	Lower Upper
77 100	
182 27.5	7.7 47.7
105 21.8	1.9 41.9
51 33.6	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:188	Resp: 229780
Ion Ratio	Lower Upper
188 100	
94 8.5	6.7 10.1
80 8.9	6.9 10.3

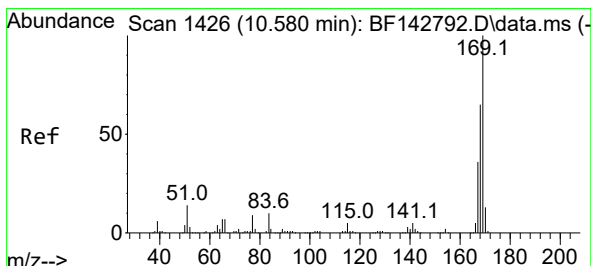
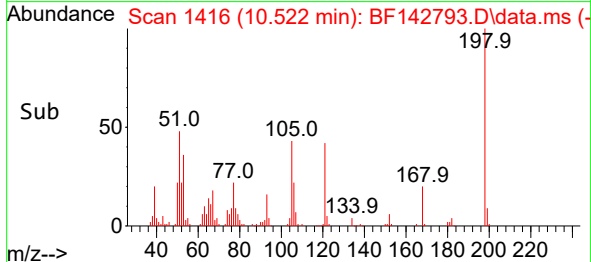
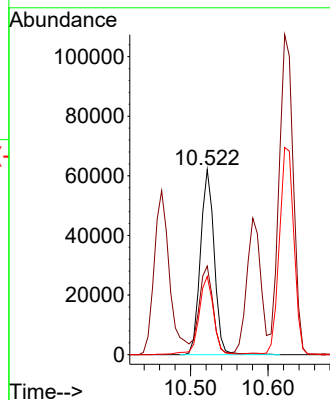
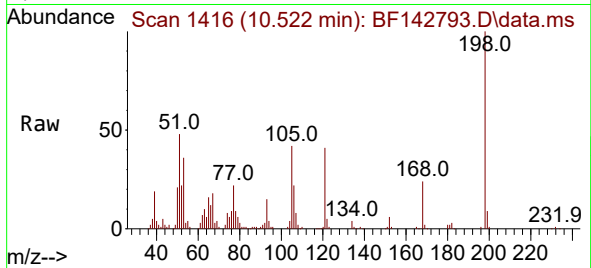




#65
4,6-Dinitro-2-methylphenol
Concen: 53.713 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

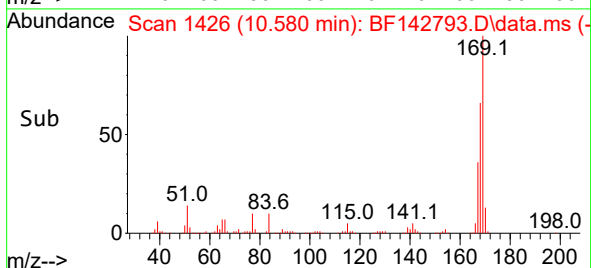
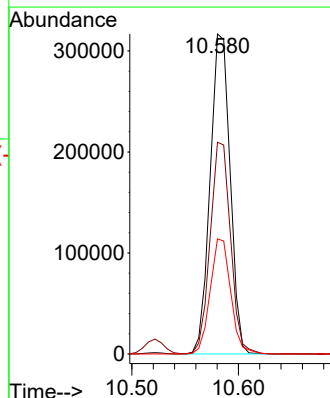
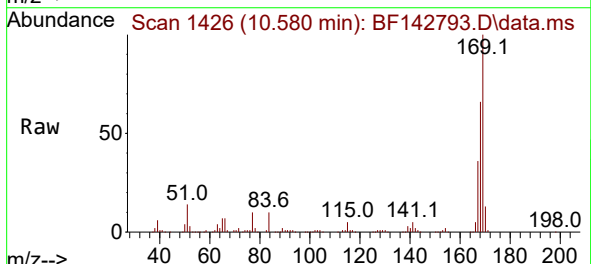
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

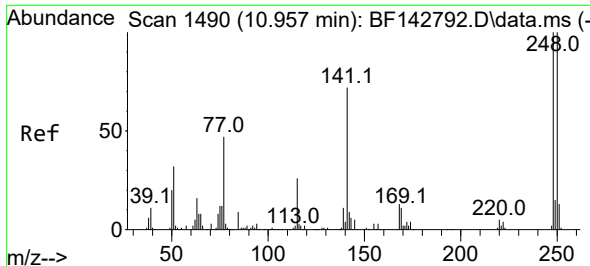
Tgt Ion:198 Resp: 76696
Ion Ratio Lower Upper
198 100
51 47.9 25.4 65.4
105 42.3 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 52.171 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:169 Resp: 411917
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.9 28.5 42.7

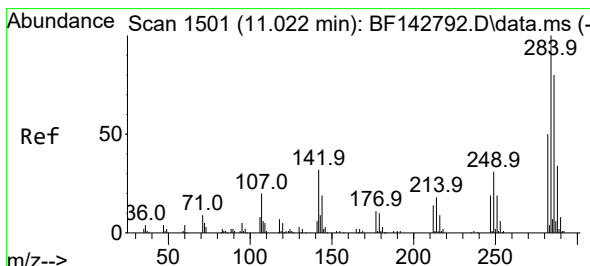
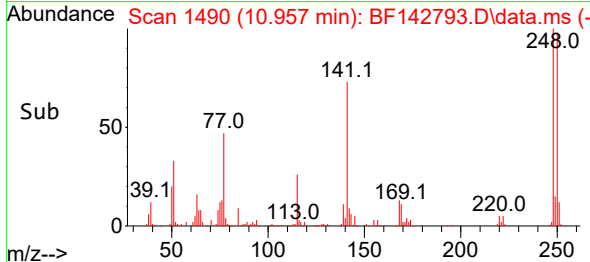
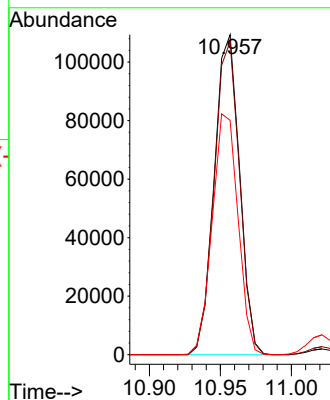
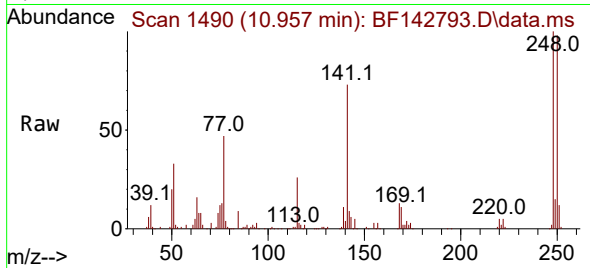




#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

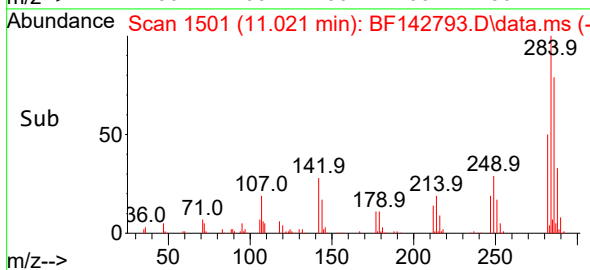
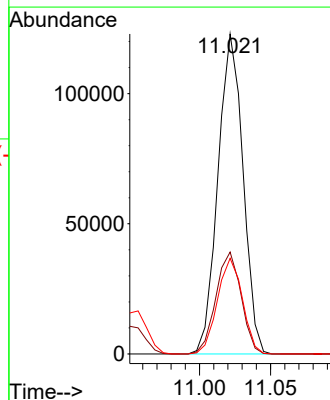
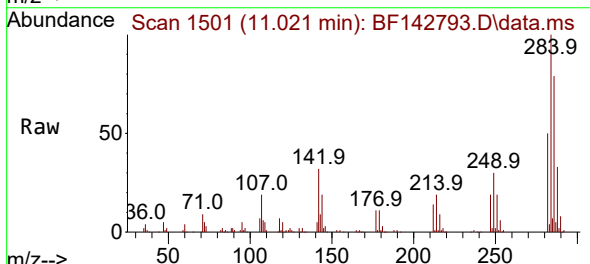
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

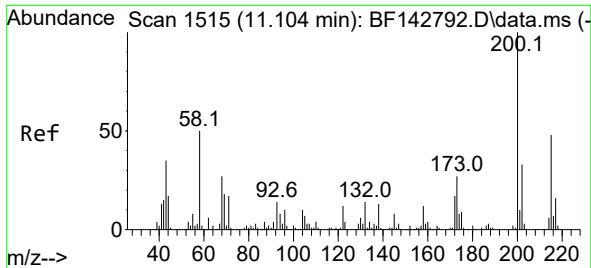
Tgt Ion:248 Resp: 135699
Ion Ratio Lower Upper
248 100
250 97.8 79.8 119.8
141 73.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 50.432 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:284 Resp: 150669
Ion Ratio Lower Upper
284 100
142 31.9 25.5 38.3
249 29.9 24.9 37.3

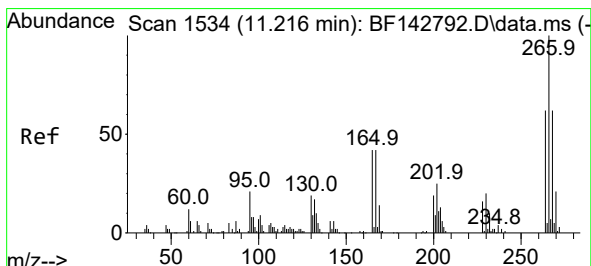
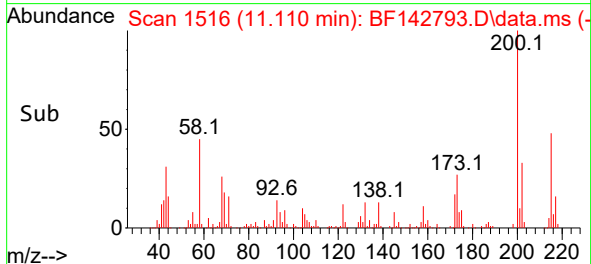
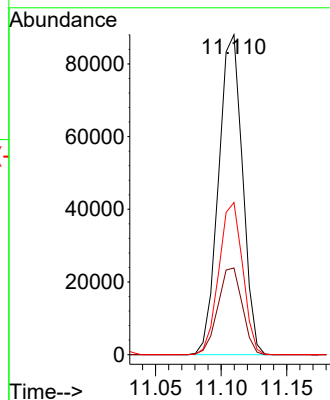
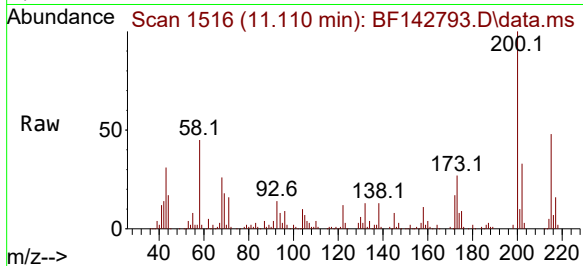




#69
 Atrazine
 Concen: 53.385 ng
 RT: 11.110 min Scan# 111915
 Delta R.T. 0.006 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

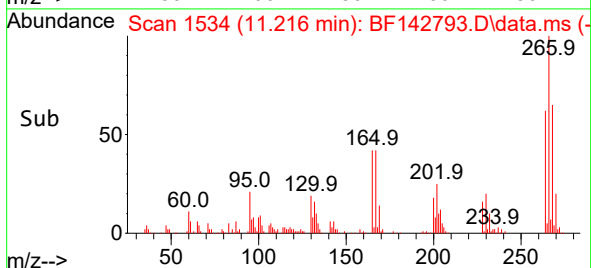
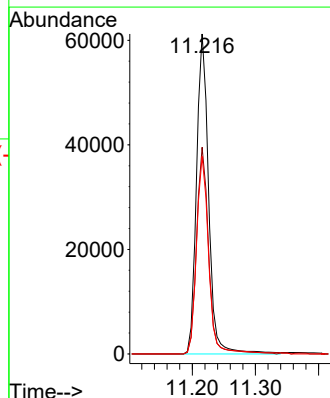
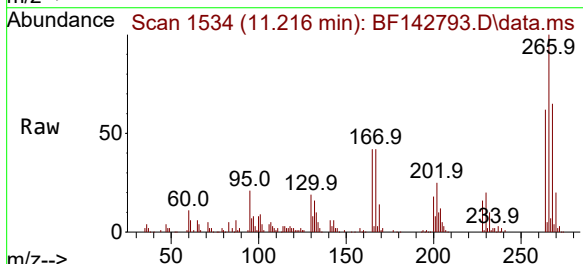
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

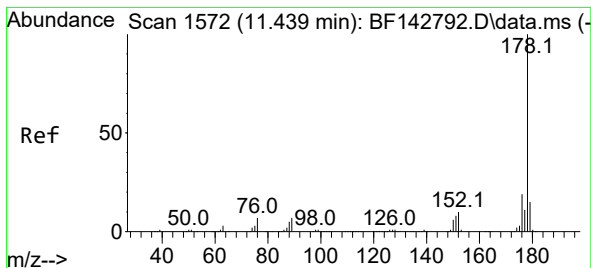
Tgt Ion:200 Resp: 111915
 Ion Ratio Lower Upper
 200 100
 173 27.1 7.4 47.4
 215 47.5 28.4 68.4



#70
 Pentachlorophenol
 Concen: 52.574 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

Tgt Ion:266 Resp: 81577
 Ion Ratio Lower Upper
 266 100
 268 64.6 49.8 74.8
 264 61.7 49.9 74.9





#71

Phenanthrene

Concen: 52.403 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

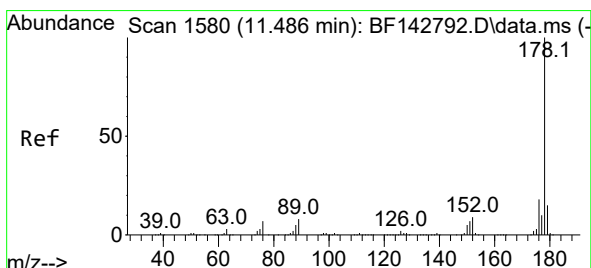
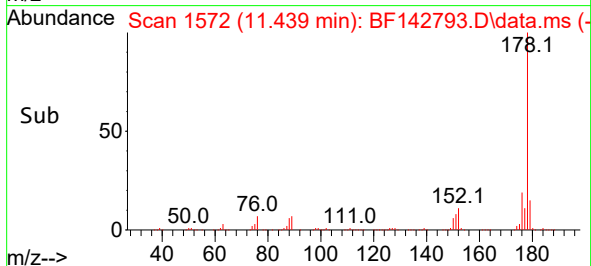
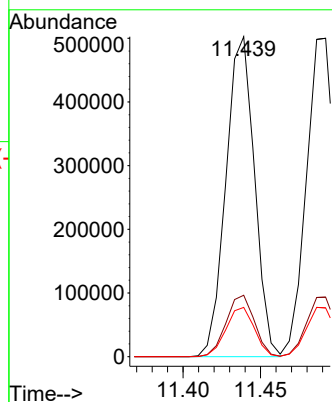
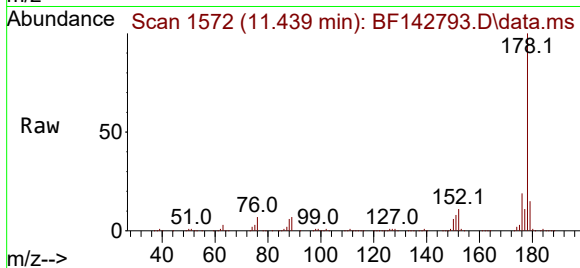
Tgt Ion:178 Resp: 644668

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.4 12.0 18.0



#72

Anthracene

Concen: 51.433 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

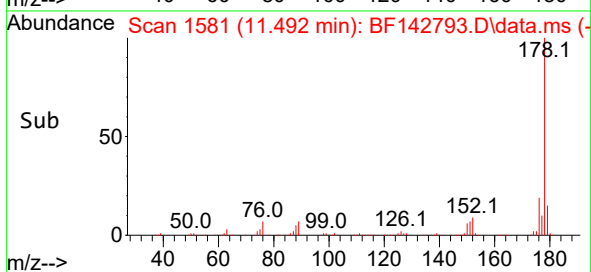
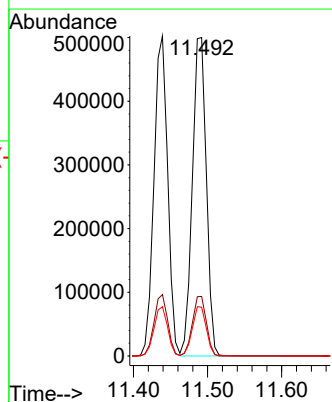
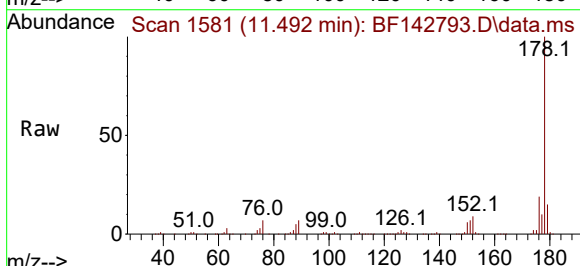
Tgt Ion:178 Resp: 654942

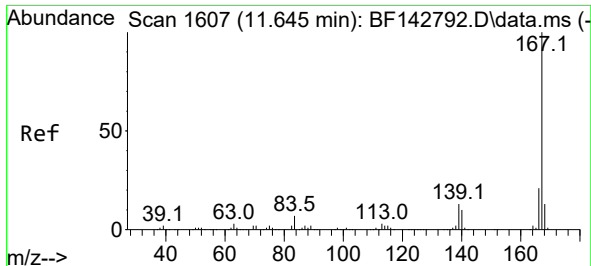
Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

179 15.4 12.4 18.6

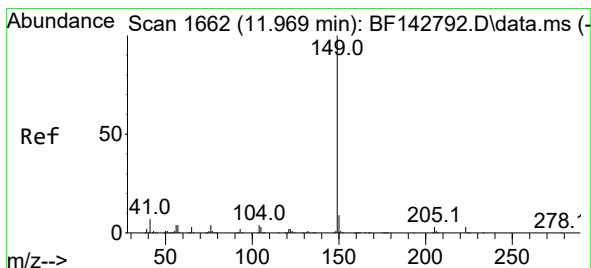
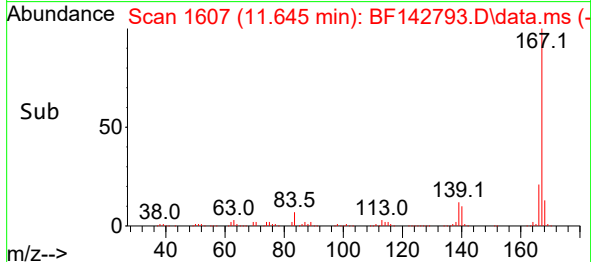
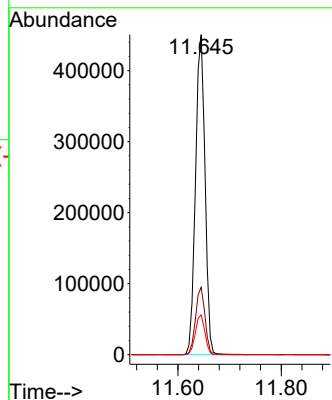
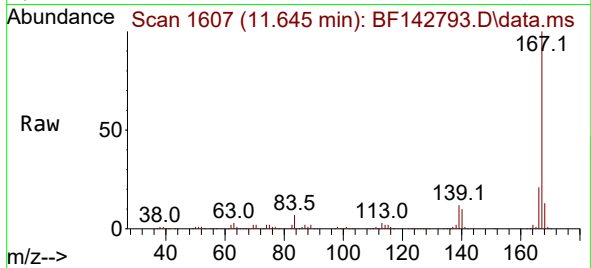




#73
 Carbazole
 Concen: 53.996 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

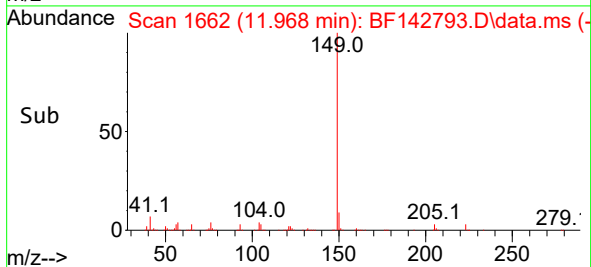
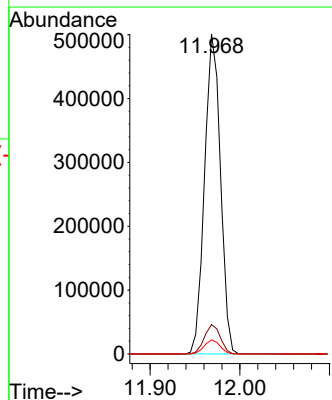
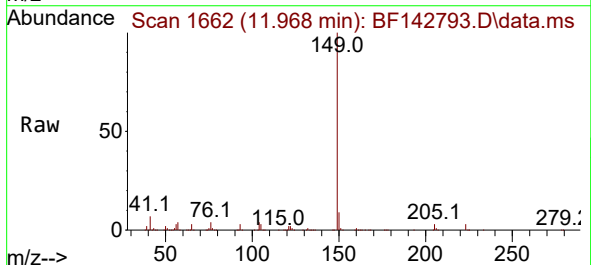
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

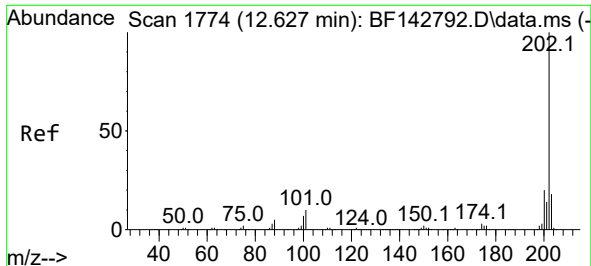
Tgt Ion:167 Resp: 575784
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.211 ng
 RT: 11.968 min Scan# 1662
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 616452
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.4 3.5 5.3

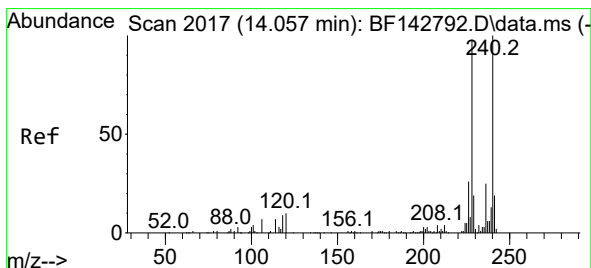
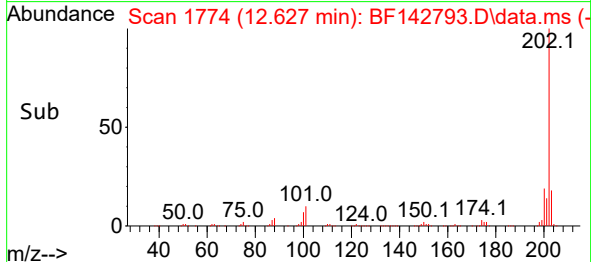
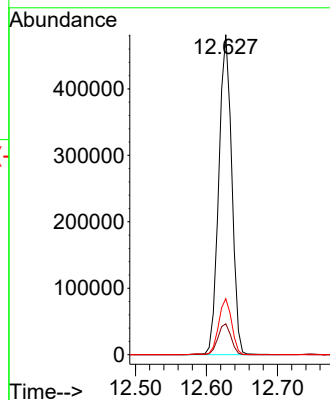
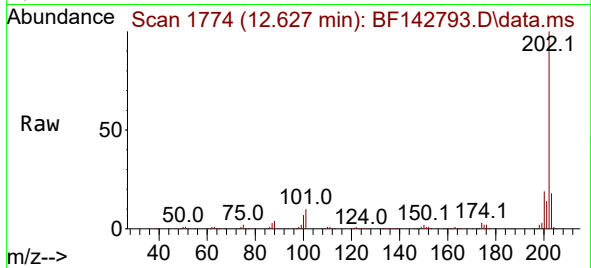




#75
Fluoranthene
Concen: 52.032 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

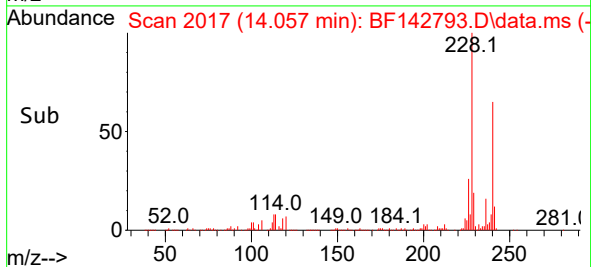
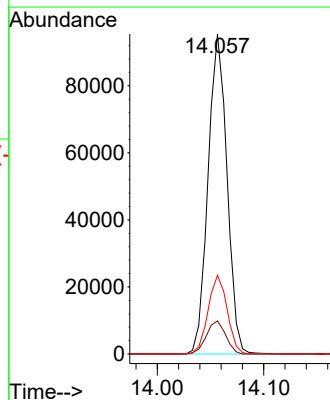
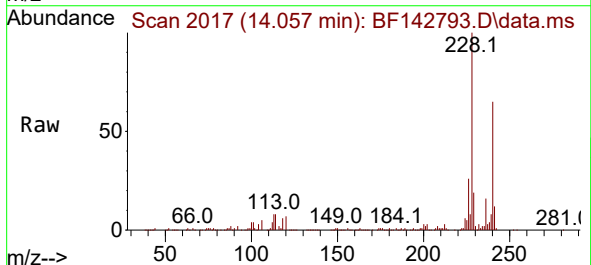
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

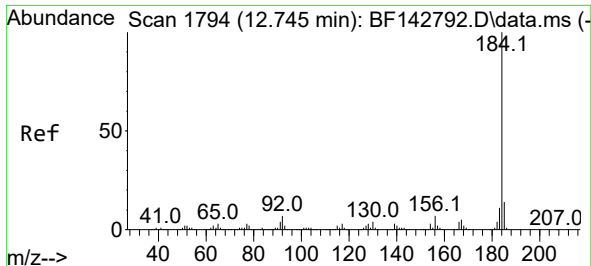
Tgt Ion:202 Resp: 608190
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:240 Resp: 117825
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 24.6 19.8 29.8

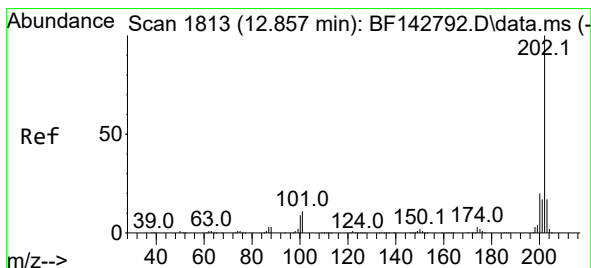
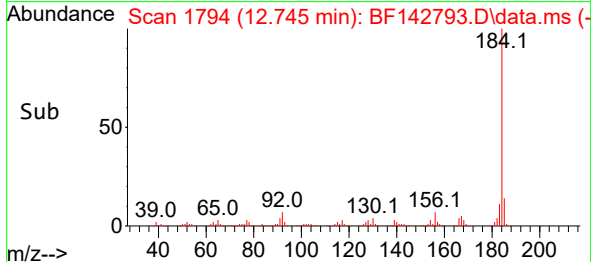
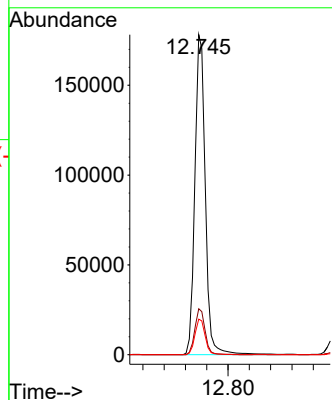
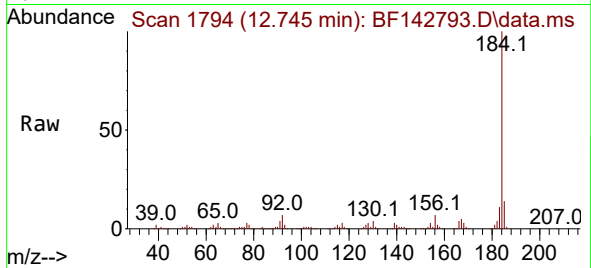




#77
Benzidine
Concen: 58.208 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

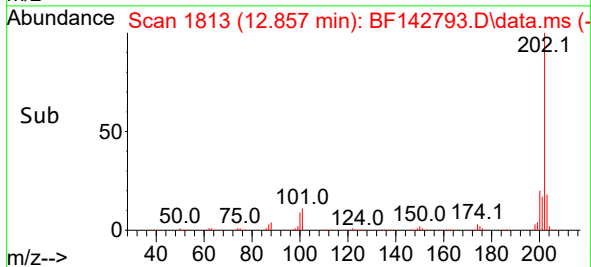
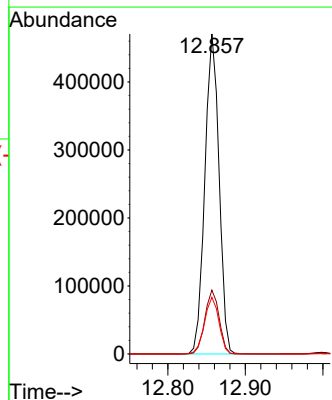
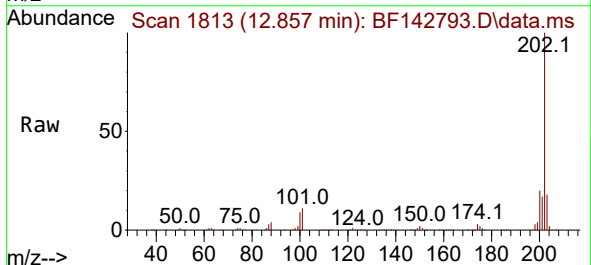
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

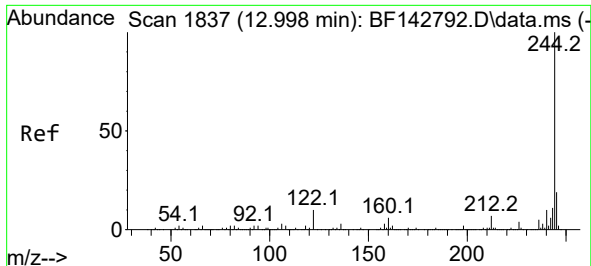
Tgt Ion:184 Resp: 242794
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 9.0 13.4



#78
Pyrene
Concen: 55.205 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:202 Resp: 597913
Ion Ratio Lower Upper
202 100
200 20.0 15.7 23.5
203 17.7 13.8 20.6

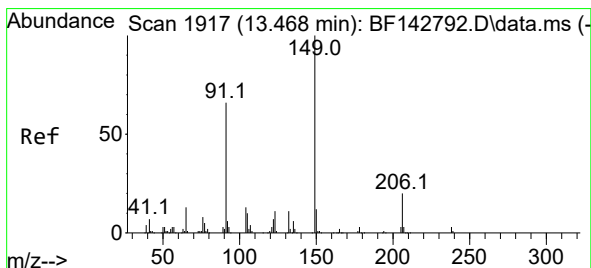
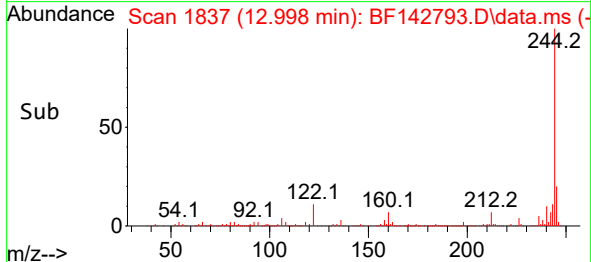
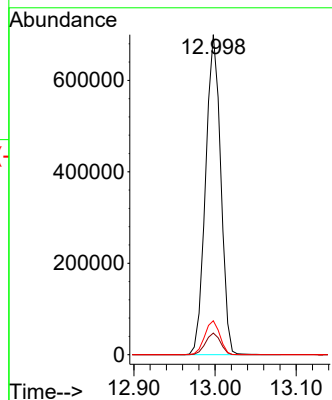
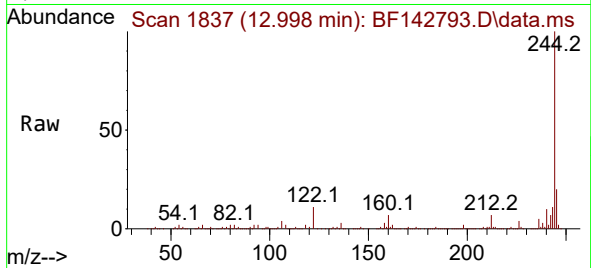




#79
 Terphenyl-d14
 Concen: 106.820 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

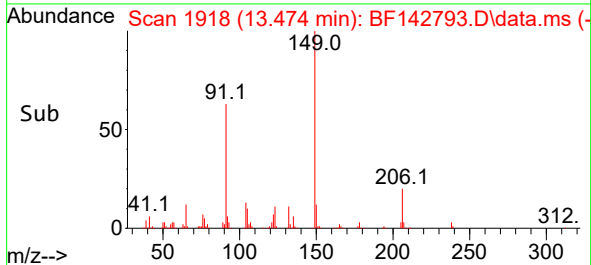
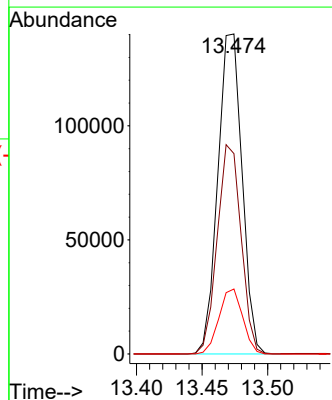
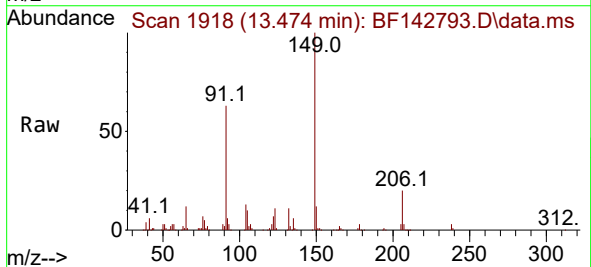
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

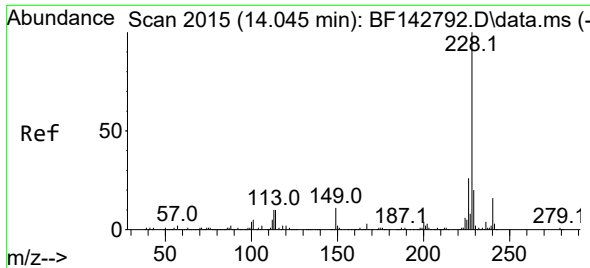
Tgt Ion:244 Resp: 904305
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 56.257 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.006 min
 Lab File: BF142793.D
 Acq: 19 Jun 2025 19:40

Tgt Ion:149 Resp: 180565
 Ion Ratio Lower Upper
 149 100
 91 62.6 52.9 79.3
 206 20.3 16.3 24.5

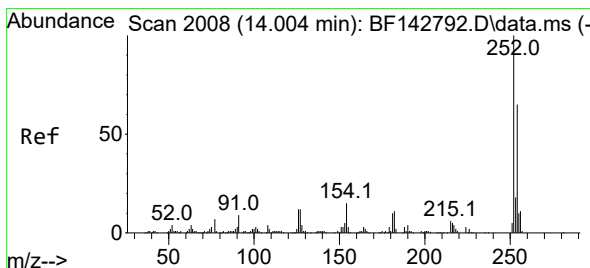
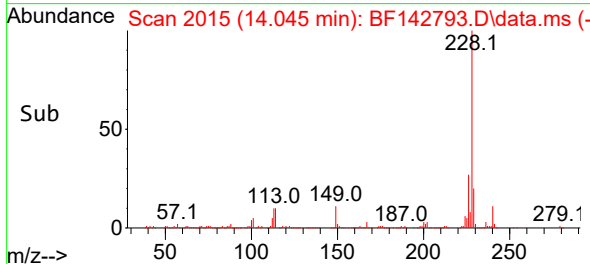
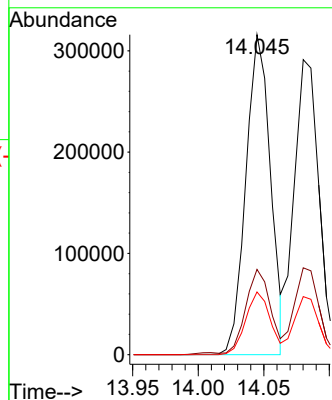
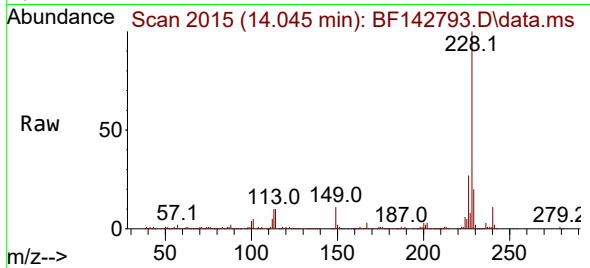




#81
Benzo(a)anthracene
Concen: 53.431 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

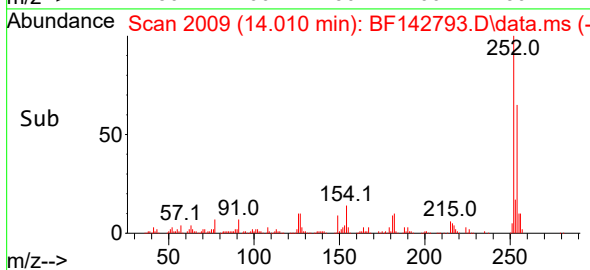
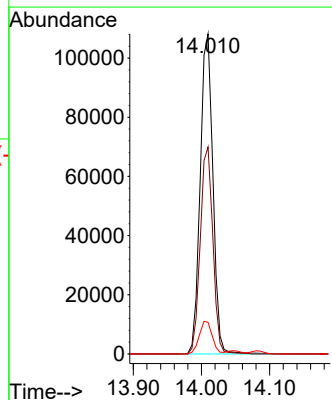
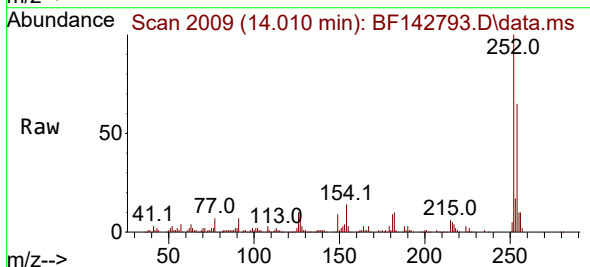
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

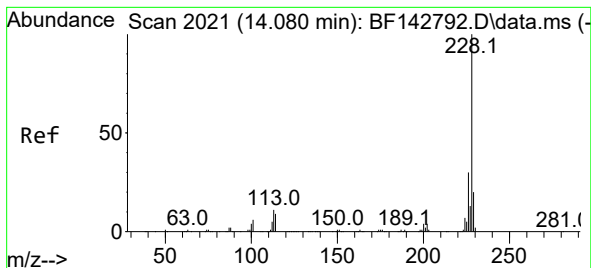
Tgt Ion:228 Resp: 413349
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.6 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 55.949 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 140152
Ion Ratio Lower Upper
252 100
254 64.7 51.7 77.5
126 9.9 9.4 14.2





#83

Chrysene

Concen: 52.950 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

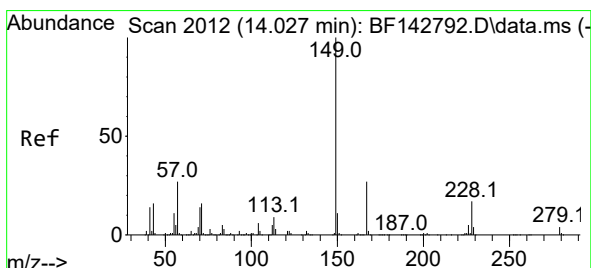
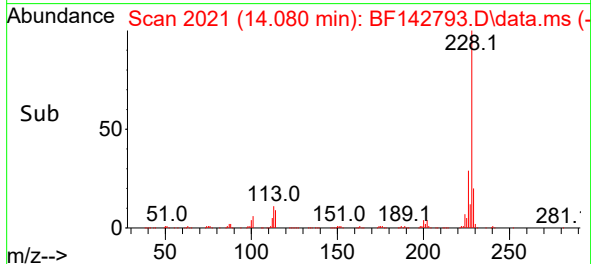
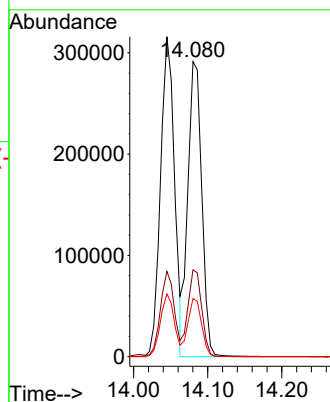
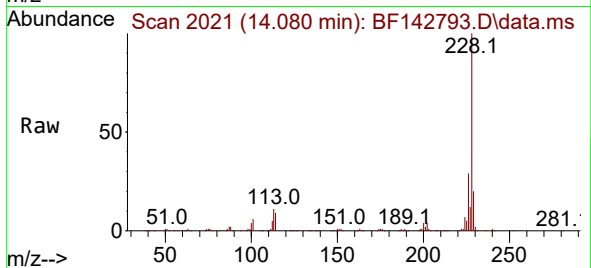
Tgt Ion:228 Resp: 381352

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.016 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

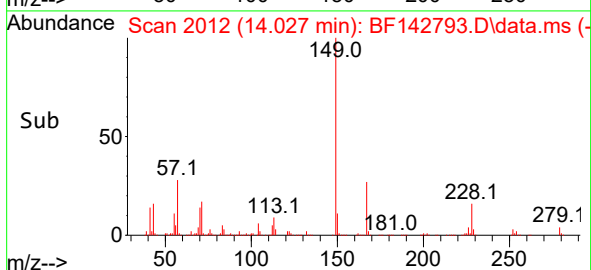
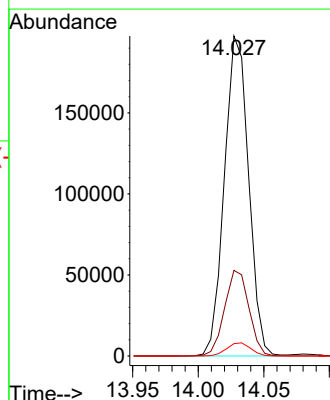
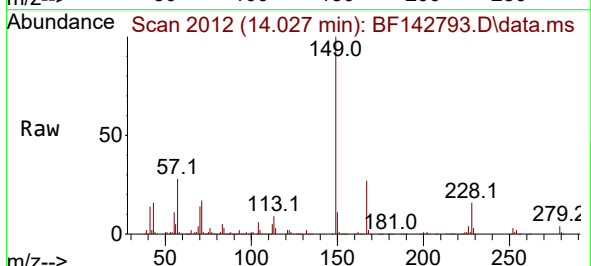
Tgt Ion:149 Resp: 253542

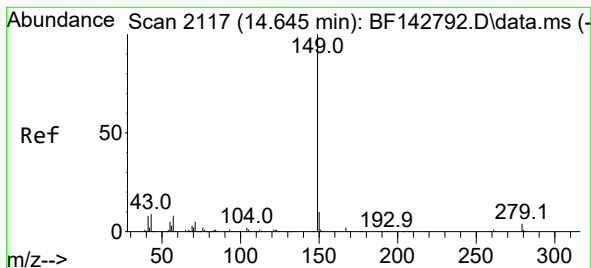
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.029 ng

RT: 14.645 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

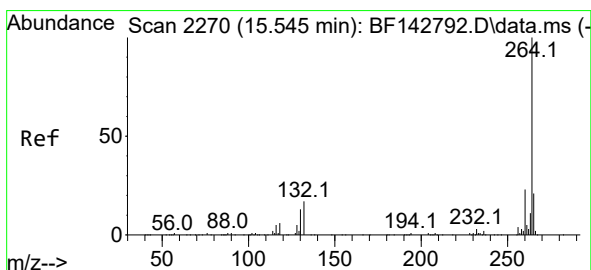
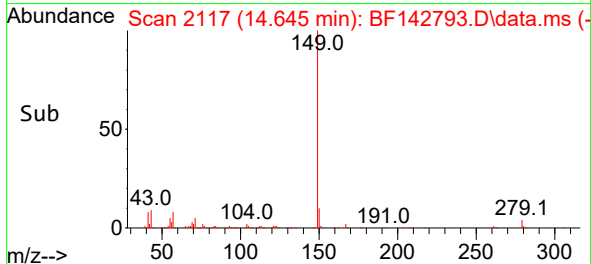
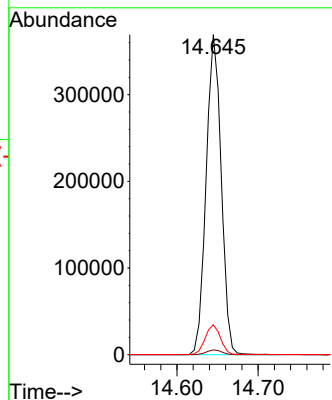
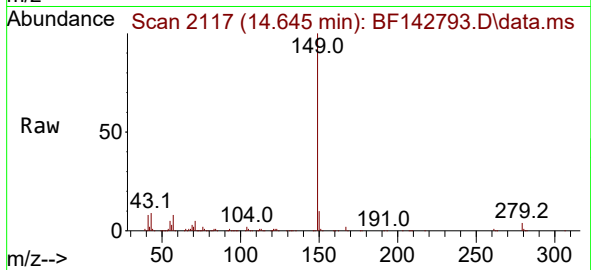
Tgt Ion:149 Resp: 474143

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

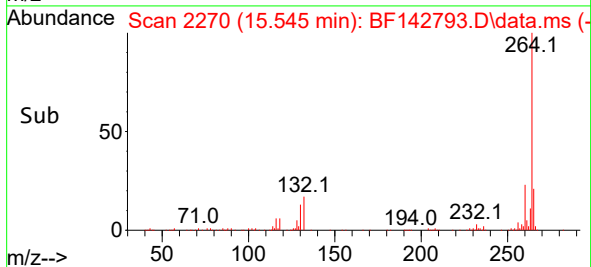
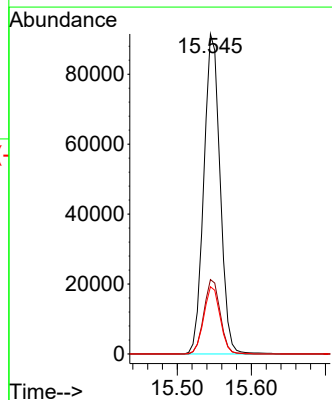
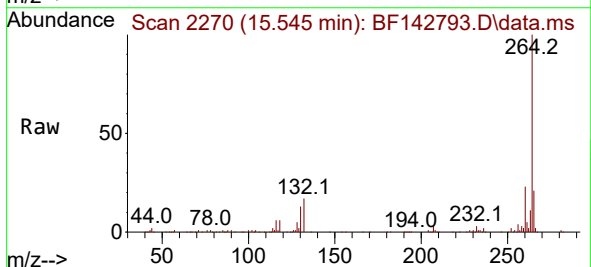
Tgt Ion:264 Resp: 139593

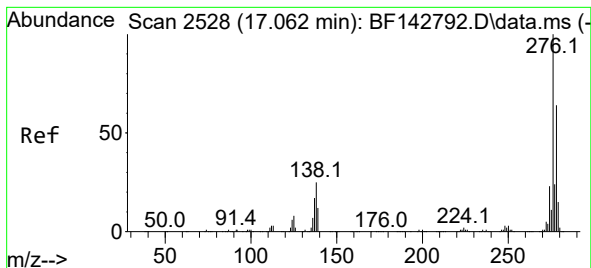
Ion Ratio Lower Upper

264 100

260 23.3 18.1 27.1

265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.741 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

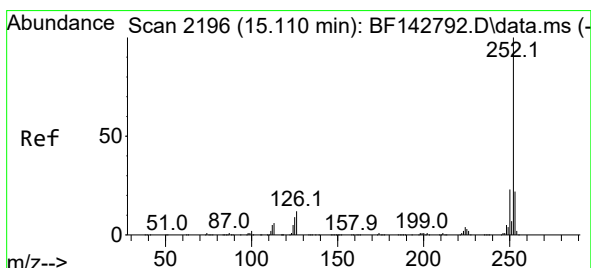
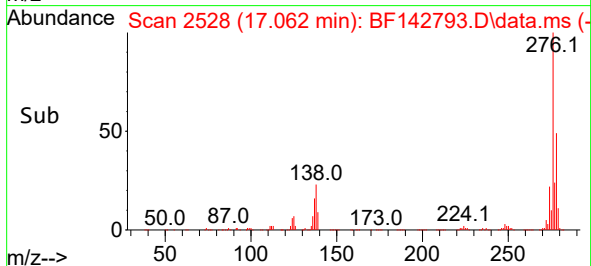
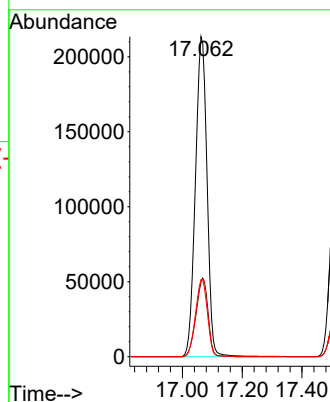
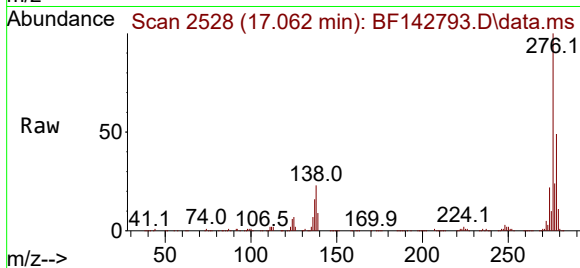
Tgt Ion:276 Resp: 575271

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 49.437 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.000 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

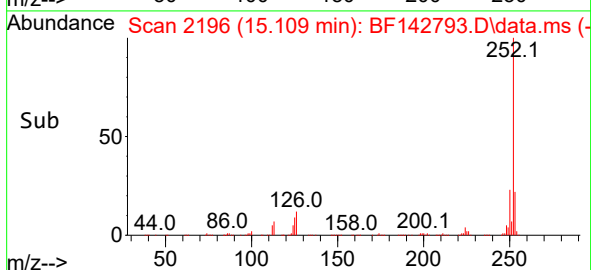
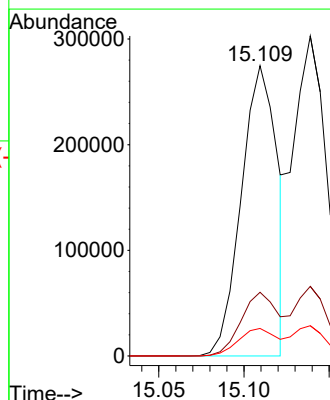
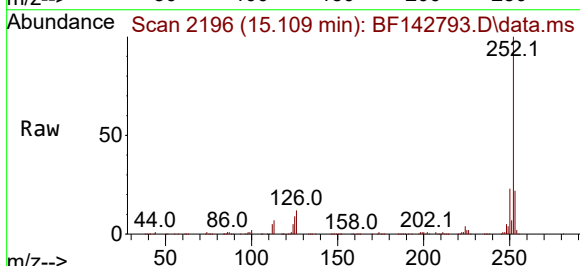
Tgt Ion:252 Resp: 401915

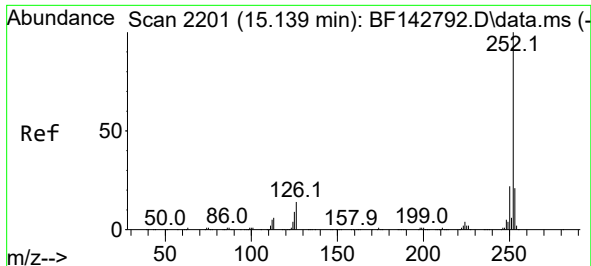
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

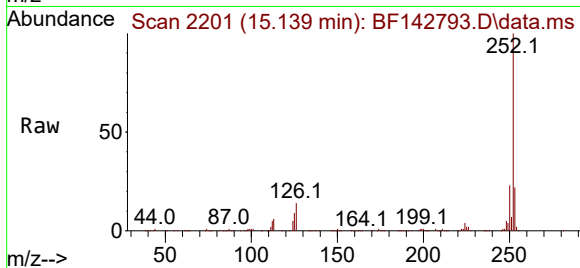
125 9.5 7.4 11.0



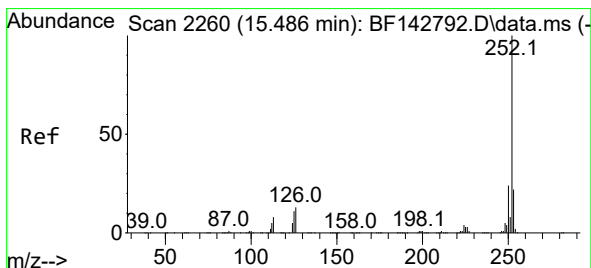
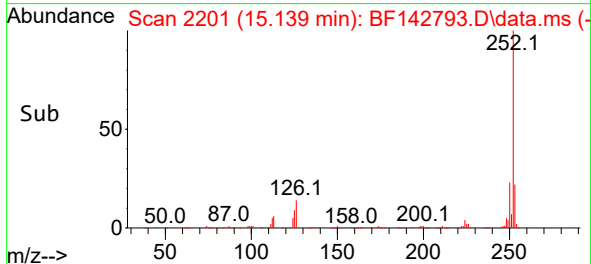
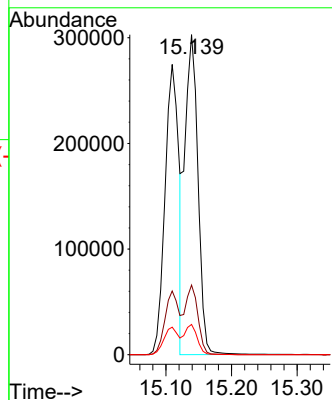


#89
Benzo(k)fluoranthene
Concen: 52.440 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

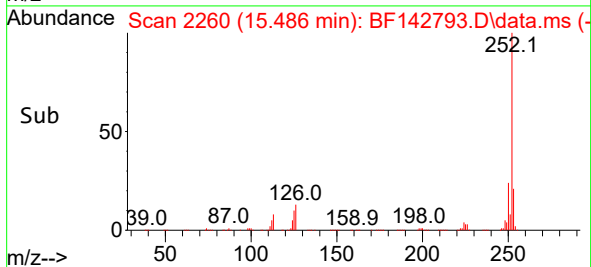
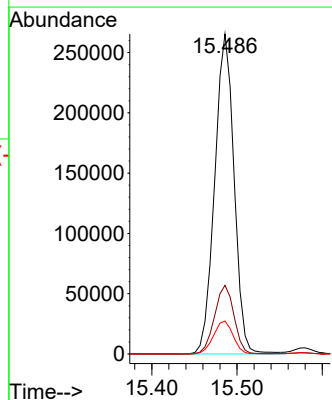
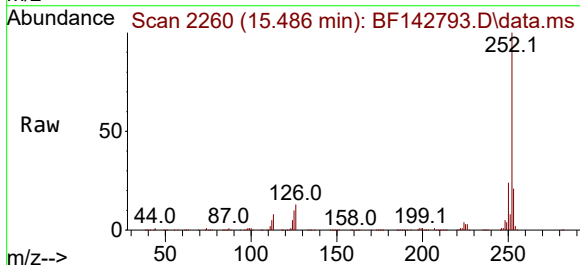


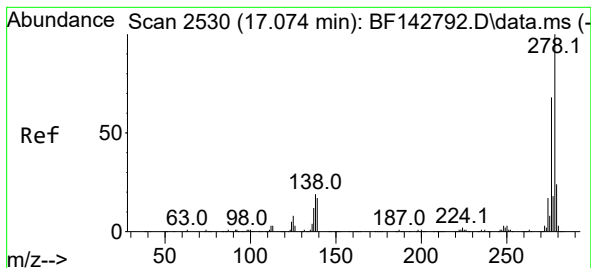
Tgt Ion:252 Resp: 416169
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 53.860 ng
RT: 15.486 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:252 Resp: 419030
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 10.3 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 55.594 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

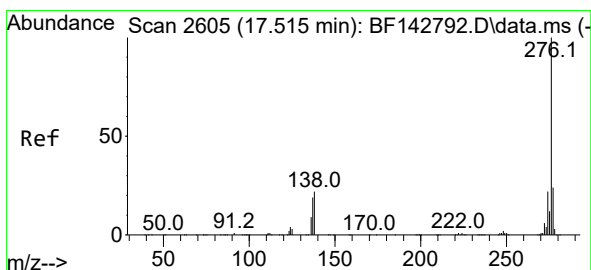
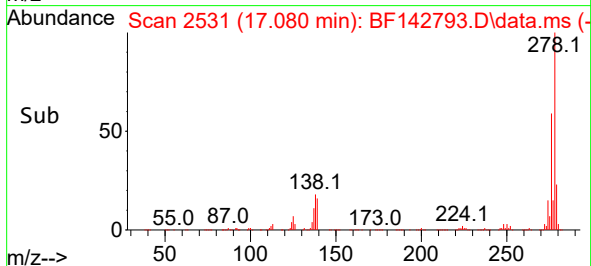
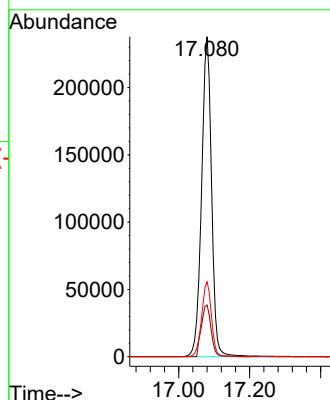
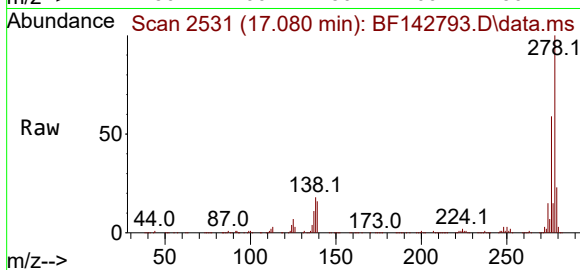
Tgt Ion:278 Resp: 466485

Ion Ratio Lower Upper

278 100

139 16.2 13.5 20.3

279 23.4 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 55.540 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF142793.D

Acq: 19 Jun 2025 19:40

Tgt Ion:276 Resp: 464951

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.4 17.6 26.4

