

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
 Data File : BF142697.D
 Acq On : 09 Jun 2025 17:01
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

Quant Time: Jun 09 17:25:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 17:10:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78156	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	294803	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	200089	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	349372	20.000	ng	0.00
76) Chrysene-d12	14.068	240	161234	20.000	ng	0.00
86) Perylene-d12	15.562	264	159602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	390746	84.890	ng	0.00
7) Phenol-d6	6.522	99	455640	84.410	ng	0.00
23) Nitrobenzene-d5	7.463	82	403568	75.232	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	187525	83.418	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	914897	62.532	ng	0.00
79) Terphenyl-d14	13.010	244	1062042	104.174	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	77115	43.750	ng	99
3) Pyridine	3.451	79	208057	45.768	ng	99
4) n-Nitrosodimethylamine	3.399	42	102597	46.370	ng	98
6) Aniline	6.557	93	323806	44.680	ng	98
8) 2-Chlorophenol	6.681	128	220350	43.877	ng	100
9) Benzaldehyde	6.445	77	163423	53.703	ng	99
10) Phenol	6.534	94	268137	44.360	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	192324	43.674	ng	99
12) 1,3-Dichlorobenzene	6.834	146	248400	44.166	ng	99
13) 1,4-Dichlorobenzene	6.910	146	250032	43.479	ng	98
14) 1,2-Dichlorobenzene	7.063	146	240944	43.943	ng	99
15) Benzyl Alcohol	7.034	79	175467	44.438	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	304426	42.454	ng	99
17) 2-Methylphenol	7.145	107	167392	43.469	ng	99
18) Hexachloroethane	7.410	117	87640	44.361	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	139318	44.029	ng	100
20) 3+4-Methylphenols	7.298	107	209047	44.079	ng	98
22) Acetophenone	7.304	105	283863	44.049	ng	99
24) Nitrobenzene	7.481	77	210486	43.509	ng	100
25) Isophorone	7.716	82	383186	44.029	ng	100
26) 2-Nitrophenol	7.798	139	120426	45.128	ng	99
27) 2,4-Dimethylphenol	7.828	122	204019	44.985	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	240353	44.032	ng	100
29) 2,4-Dichlorophenol	8.039	162	188067	45.265	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	200287	44.194	ng	99
31) Naphthalene	8.204	128	644164	44.342	ng	99
32) Benzoic acid	7.939	122	125273	45.501	ng	99
33) 4-Chloroaniline	8.251	127	268327	44.928	ng	99
34) Hexachlorobutadiene	8.316	225	123105	44.105	ng	99
35) Caprolactam	8.622	113	57671	45.192	ng	95
36) 4-Chloro-3-methylphenol	8.728	107	191616	44.711	ng	99
37) 2-Methylnaphthalene	8.892	142	405882	44.403	ng	99
38) 1-Methylnaphthalene	8.992	142	418692	44.232	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	208880	36.123	ng	100
41) Hexachlorocyclopentadiene	9.045	237	128228	37.762	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	141444	37.279	ng	98

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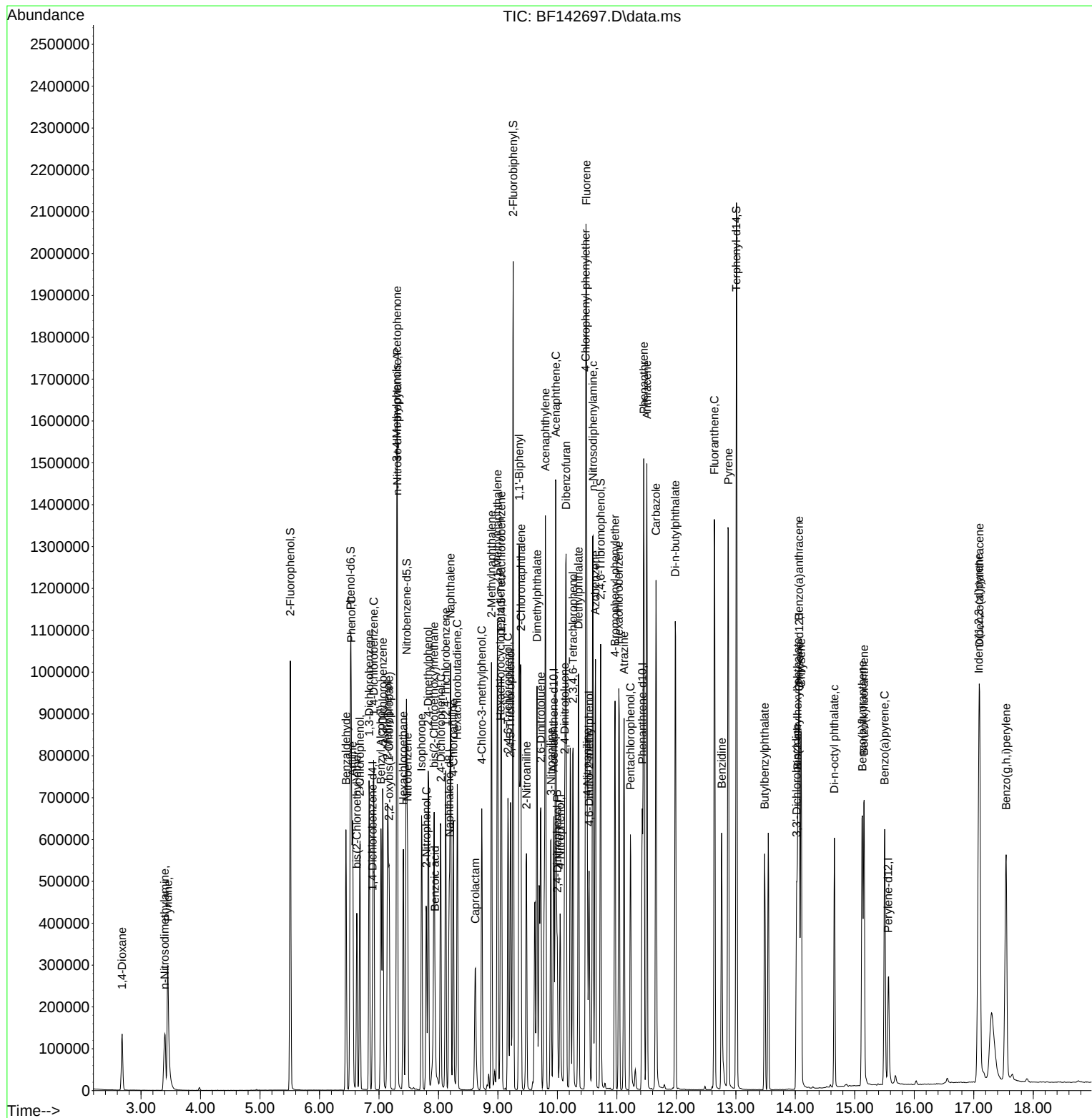
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	147387	36.369	ng	98
46) 1,1'-Biphenyl	9.357	154	582772	37.456	ng	100
47) 2-Chloronaphthalene	9.386	162	431786	37.038	ng	99
48) 2-Nitroaniline	9.480	65	136913	39.467	ng	99
49) Acenaphthylene	9.798	152	856856	44.348	ng	100
50) Dimethylphthalate	9.657	163	581664	43.207	ng	100
51) 2,6-Dinitrotoluene	9.722	165	131097	45.017	ng	100
52) Acenaphthene	9.975	154	525583	44.468	ng	99
53) 3-Nitroaniline	9.892	138	150508	45.996	ng	98
54) 2,4-Dinitrophenol	9.998	184	78703	48.813	ng	95
55) Dibenzofuran	10.145	168	743987	43.877	ng	100
56) 4-Nitrophenol	10.045	139	106117	47.181	ng	97
57) 2,4-Dinitrotoluene	10.122	165	179892	46.084	ng	99
58) Fluorene	10.486	166	578174	42.660	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	155682	45.652	ng	100
60) Diethylphthalate	10.357	149	566252	43.327	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	282209	44.042	ng	98
62) 4-Nitroaniline	10.504	138	140838	45.372	ng	98
63) Azobenzene	10.639	77	503768	43.031	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	101426	45.517	ng	98
66) n-Nitrosodiphenylamine	10.598	169	512509	45.435	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	170219	44.080	ng	99
68) Hexachlorobenzene	11.033	284	196209	44.219	ng	98
69) Atrazine	11.122	200	154132	45.057	ng	100
70) Pentachlorophenol	11.227	266	111652	45.756	ng	99
71) Phenanthrene	11.451	178	804091	43.052	ng	100
72) Anthracene	11.504	178	840805	43.379	ng	99
73) Carbazole	11.657	167	768033	44.004	ng	100
74) Di-n-butylphthalate	11.980	149	839729	45.320	ng	100
75) Fluoranthene	12.639	202	835682	44.657	ng	99
77) Benzidine	12.763	184	407122	73.162	ng	100
78) Pyrene	12.874	202	829639	63.148	ng	100
80) Butylbenzylphthalate	13.486	149	191721	47.386	ng	100
81) Benzo(a)anthracene	14.063	228	474707	45.366	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	153787	45.978	ng	99
83) Chrysene	14.098	228	434091	43.798	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	225256	48.764	ng	99
85) Di-n-octyl phthalate	14.657	149	413914	46.072	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	644507	57.088	ng	100
88) Benzo(b)fluoranthene	15.127	252	426879	44.768	ng	99
89) Benzo(k)fluoranthene	15.157	252	404406	45.070	ng	100
90) Benzo(a)pyrene	15.504	252	404557	45.276	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	525731	57.848	ng	99
92) Benzo(g,h,i)perylene	17.545	276	526550	55.951	ng	100

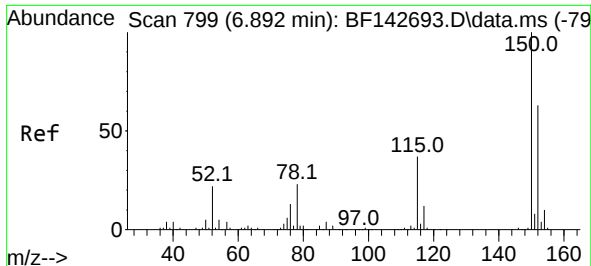
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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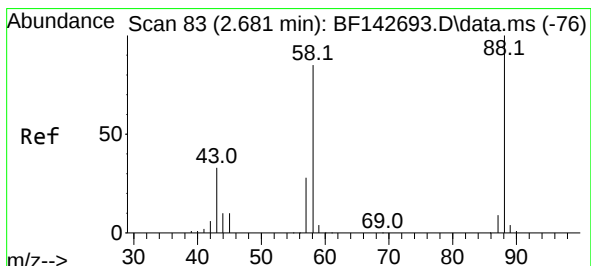
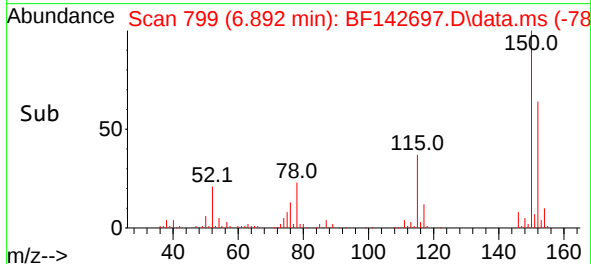
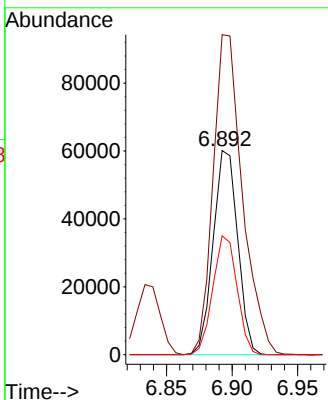
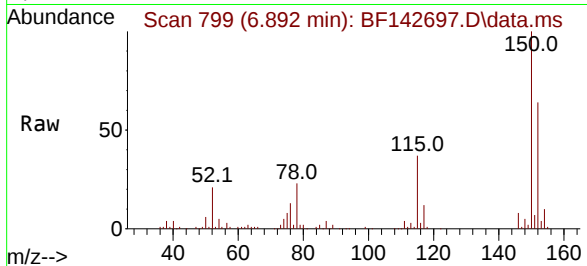




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF142697.D
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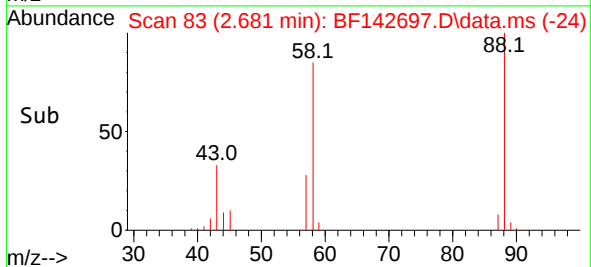
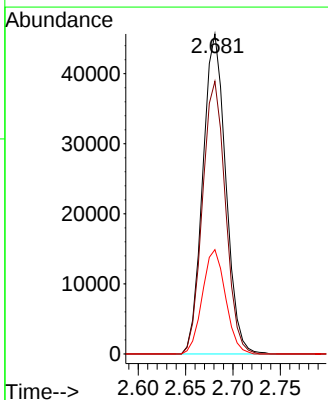
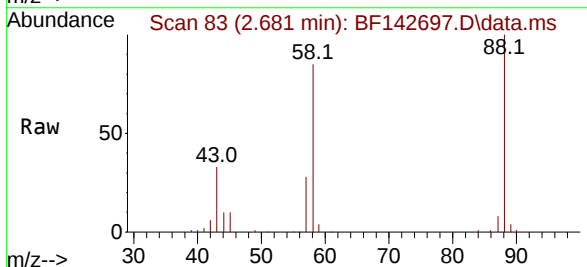
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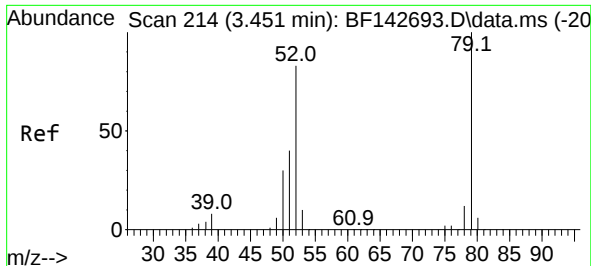
Tgt Ion:152 Resp: 78156
Ion Ratio Lower Upper
152 100
150 156.8 126.8 190.2
115 58.3 46.8 70.2



#2
1,4-Dioxane
Concen: 43.750 ng
RT: 2.681 min Scan# 83
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 88 Resp: 77115
Ion Ratio Lower Upper
88 100
58 84.9 69.2 103.8
43 32.9 26.3 39.5

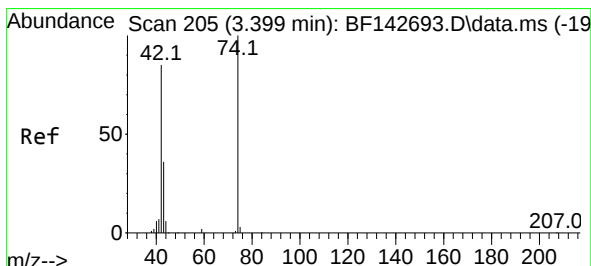
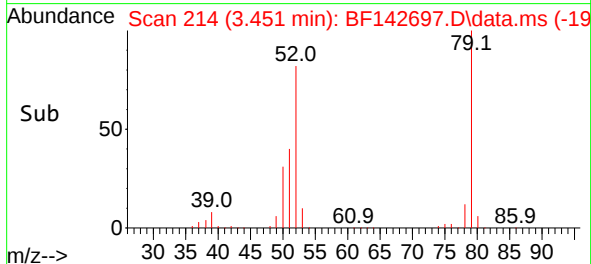
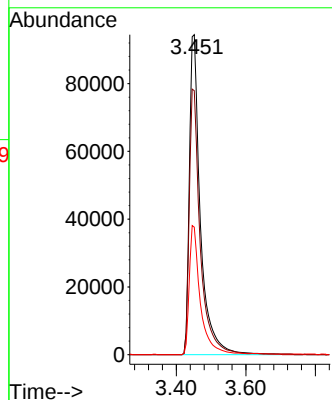
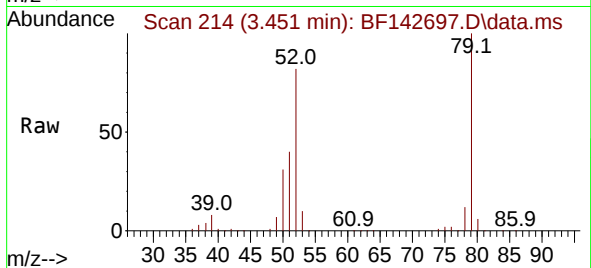




#3
Pyridine
Concen: 45.768 ng
RT: 3.451 min Scan# 214
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

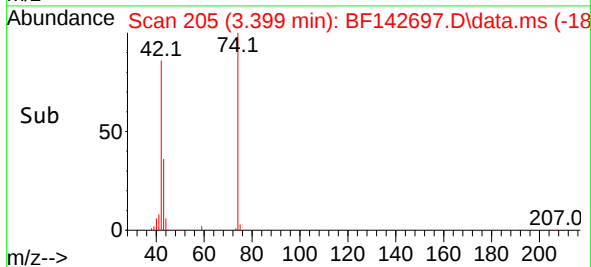
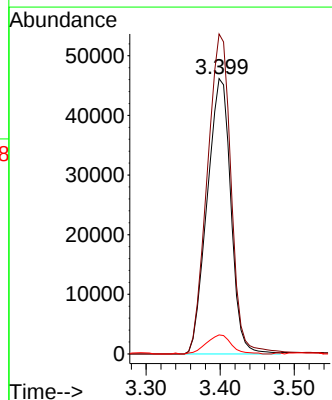
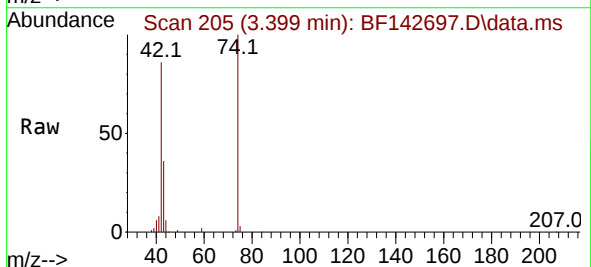
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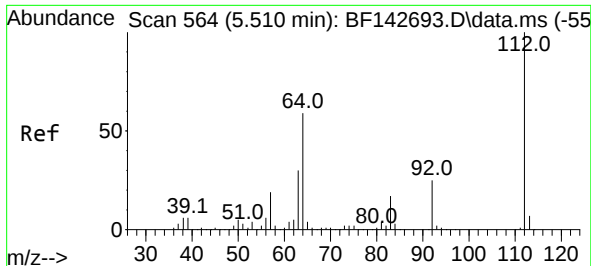
Tgt Ion: 79 Resp: 208057
Ion Ratio Lower Upper
79 100
52 82.5 66.6 99.8
51 39.9 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 46.370 ng
RT: 3.399 min Scan# 205
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 42 Resp: 102597
Ion Ratio Lower Upper
42 100
74 116.2 94.5 141.7
44 6.9 5.6 8.4

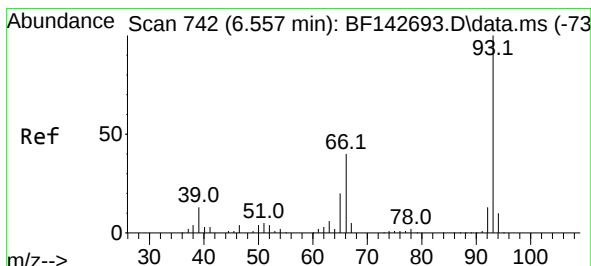
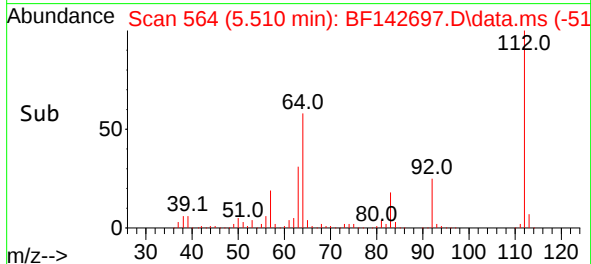
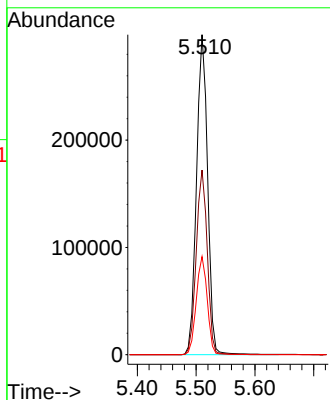
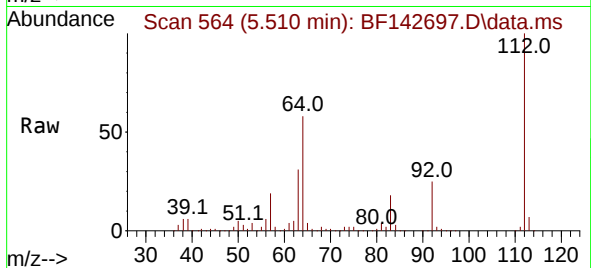




#5
2-Fluorophenol
Concen: 84.890 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

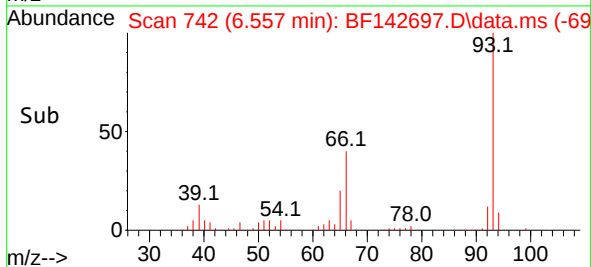
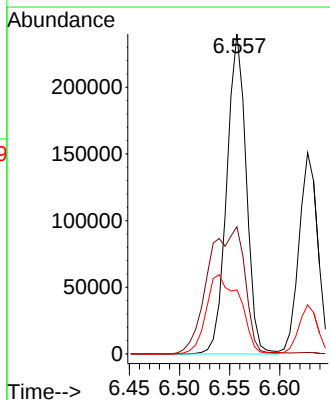
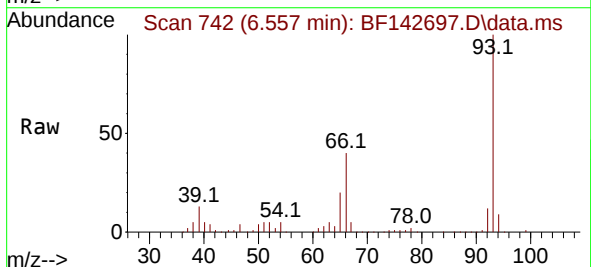
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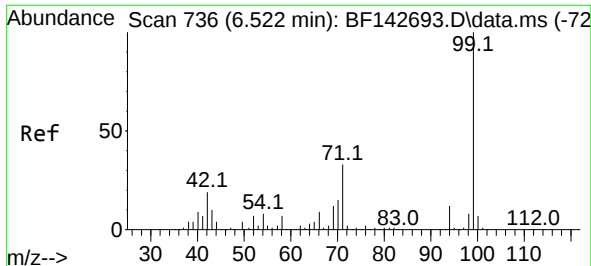
Tgt Ion:112 Resp: 390746
Ion Ratio Lower Upper
112 100
64 57.7 46.9 70.3
63 30.6 24.3 36.5



#6
Aniline
Concen: 44.680 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF142697.D
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Tgt Ion: 93 Resp: 323806
Ion Ratio Lower Upper
93 100
66 39.7 32.8 49.2
65 20.1 16.4 24.6

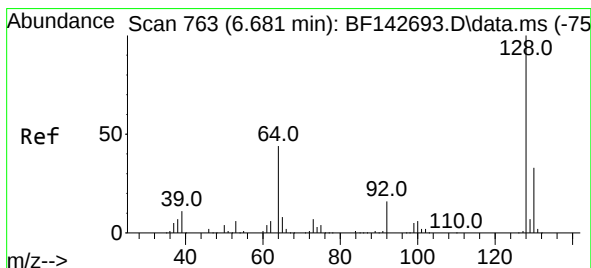
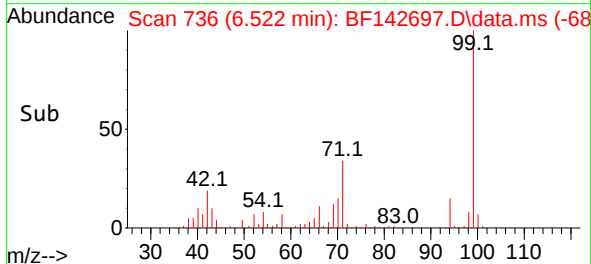
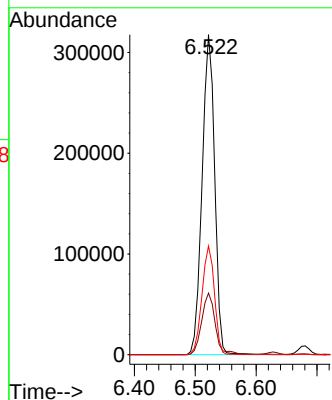
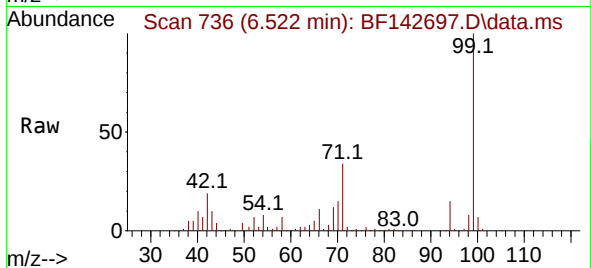




#7
Phenol-d6
Concen: 84.410 ng
RT: 6.522 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

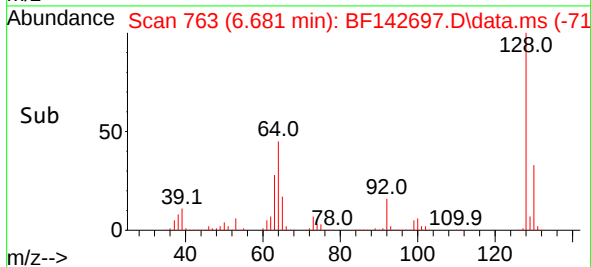
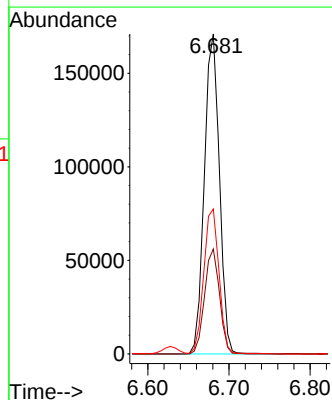
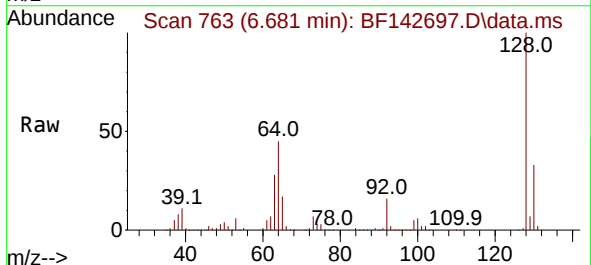
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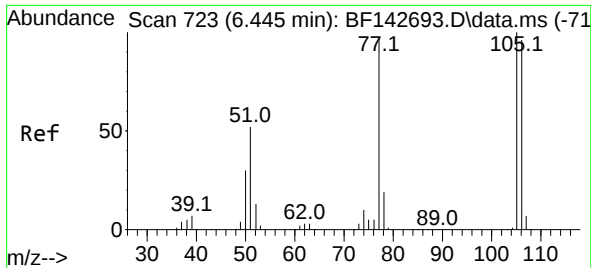
Tgt Ion: 99 Resp: 455640
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 34.0 26.3 39.5



#8
2-Chlorophenol
Concen: 43.877 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 128 Resp: 220350
Ion Ratio Lower Upper
128 100
130 32.8 13.3 53.3
64 45.3 25.4 65.4



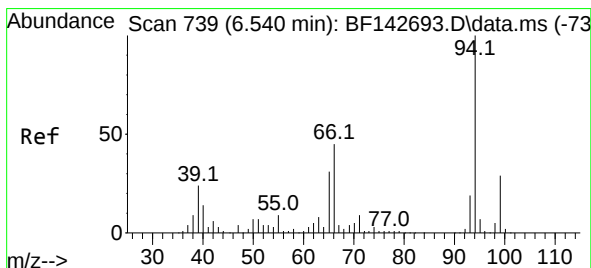
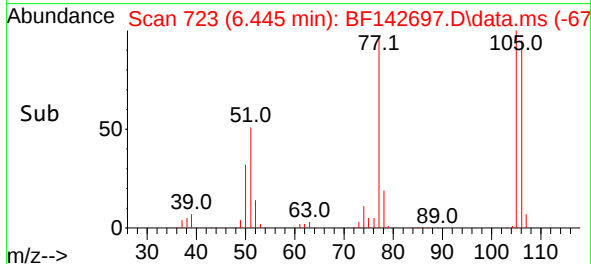
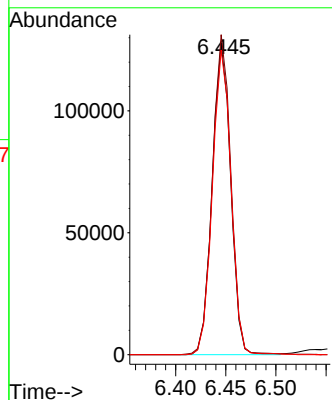
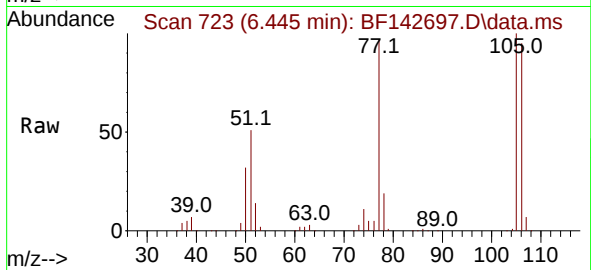


#9
Benzaldehyde
Concen: 53.703 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 163423

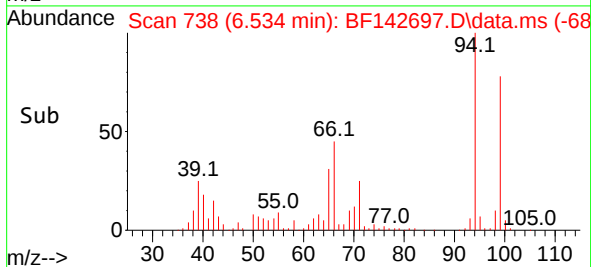
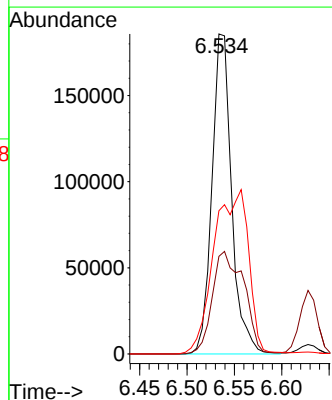
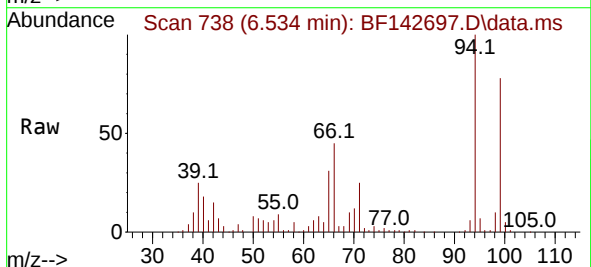
Ion	Ratio	Lower	Upper
77	100		
105	102.7	83.2	123.2
106	97.8	78.7	118.7

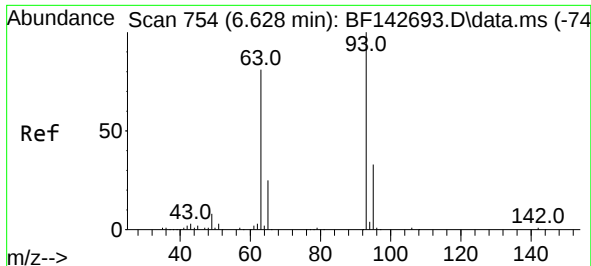


#10
Phenol
Concen: 44.360 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 94 Resp: 268137

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.0	51.0
66	44.8	24.9	64.9

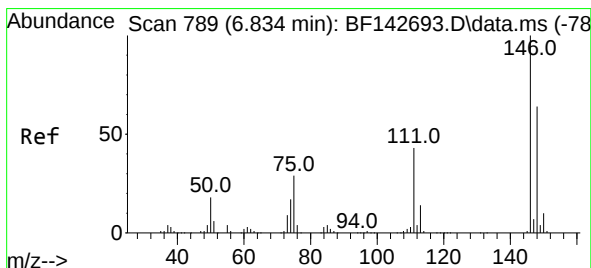
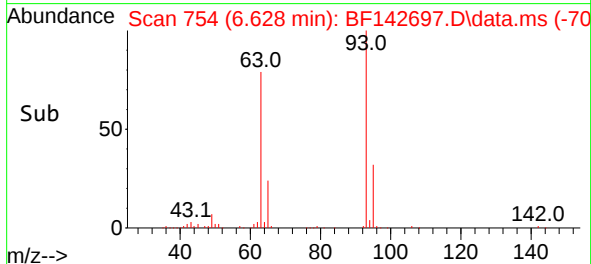
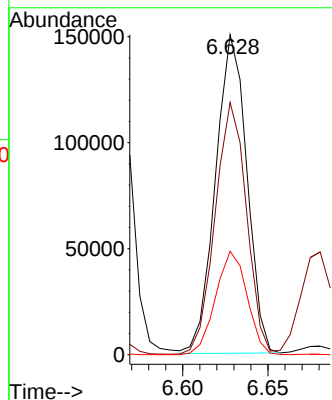
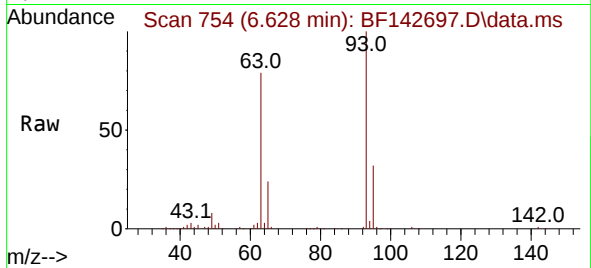




#11
bis(2-Chloroethyl)ether
Concen: 43.674 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

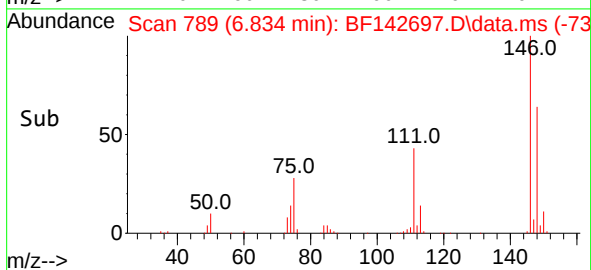
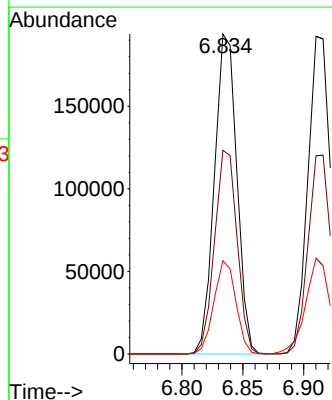
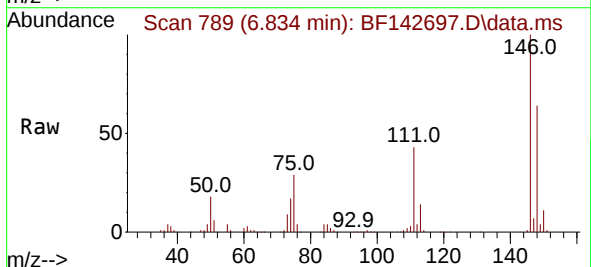
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

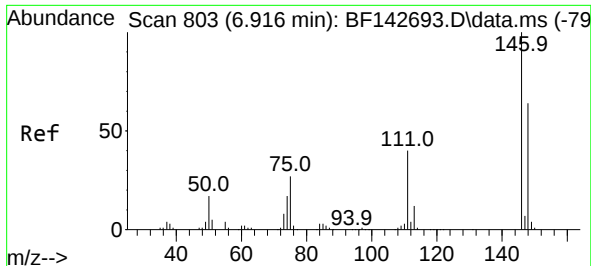
Tgt Ion: 93 Resp: 192324
Ion Ratio Lower Upper
93 100
63 78.8 60.0 100.0
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.166 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:146 Resp: 248400
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 29.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 43.479 ng

RT: 6.910 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142697.D

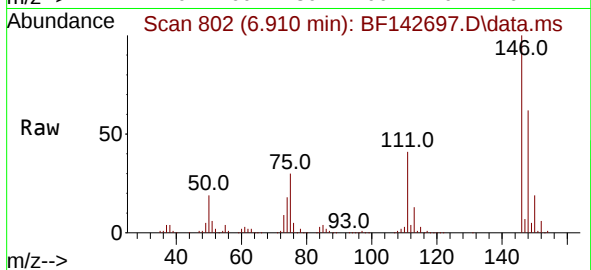
Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925



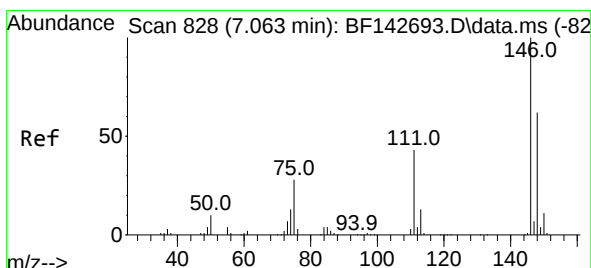
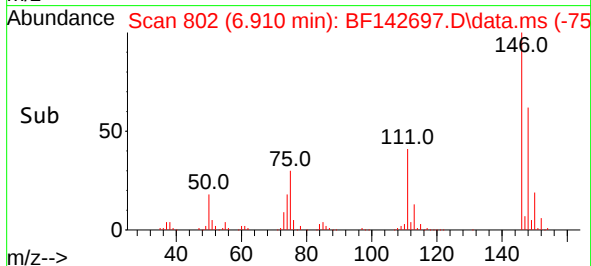
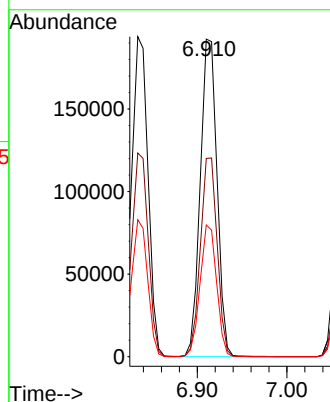
Tgt Ion:146 Resp: 250032

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 41.4 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 43.943 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

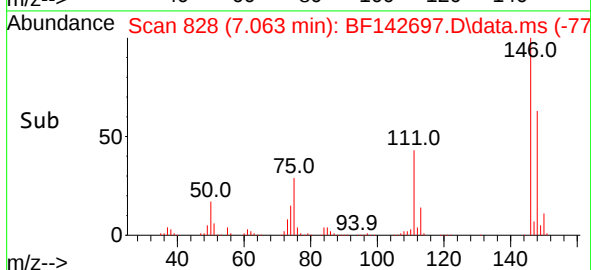
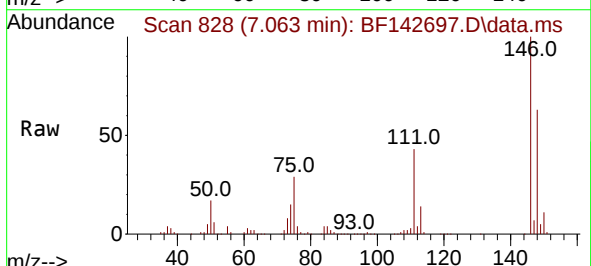
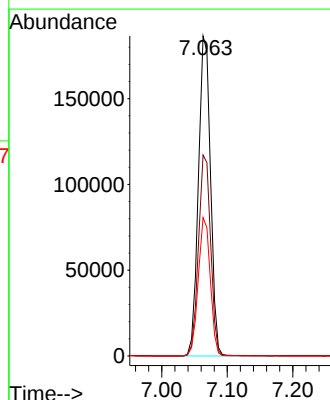
Tgt Ion:146 Resp: 240944

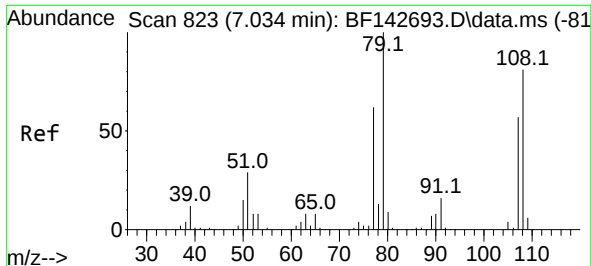
Ion Ratio Lower Upper

146 100

148 62.8 49.3 73.9

111 43.3 34.1 51.1





#15
Benzyl Alcohol
Concen: 44.438 ng
RT: 7.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

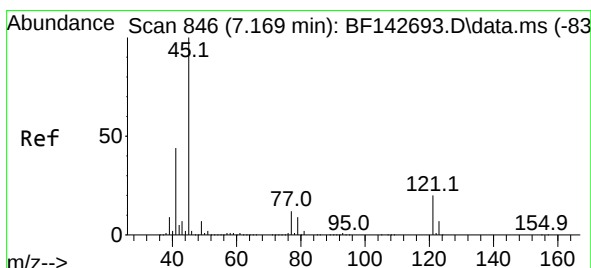
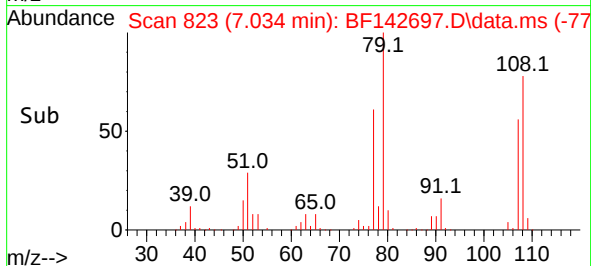
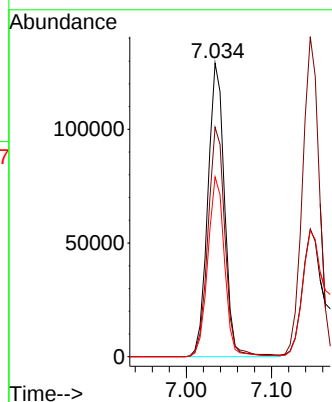
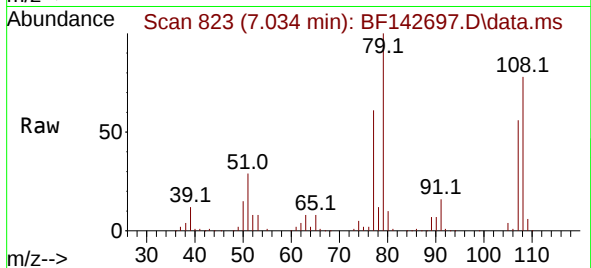
Instrument :

BNA_F

ClientSampleId :

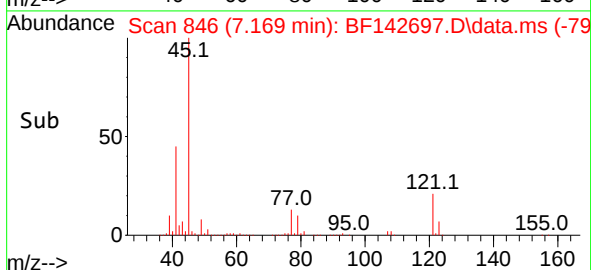
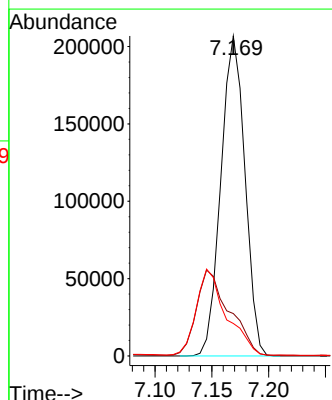
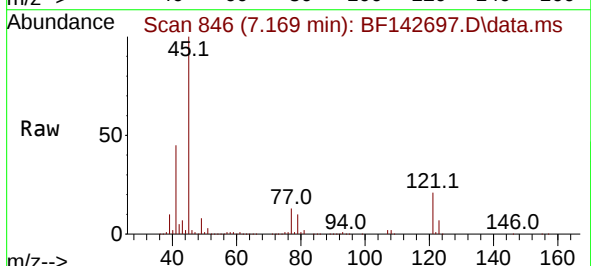
ICVBF060925

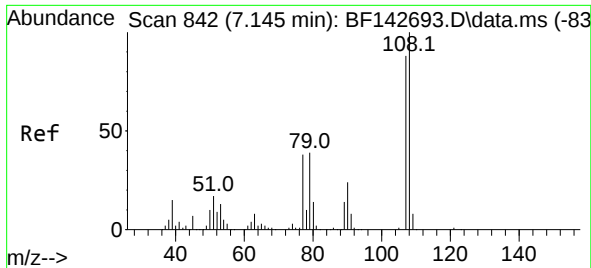
Tgt Ion: 79 Resp: 175467
Ion Ratio Lower Upper
79 100
108 78.2 64.8 97.2
77 61.3 49.4 74.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.454 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 45 Resp: 304426
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 10.2 0.0 30.3



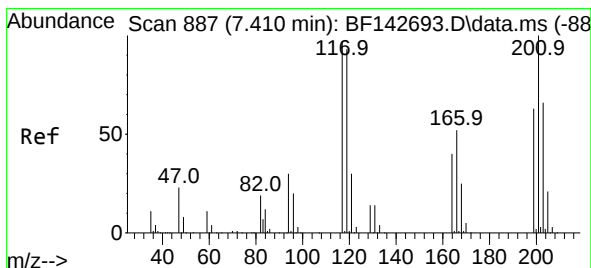
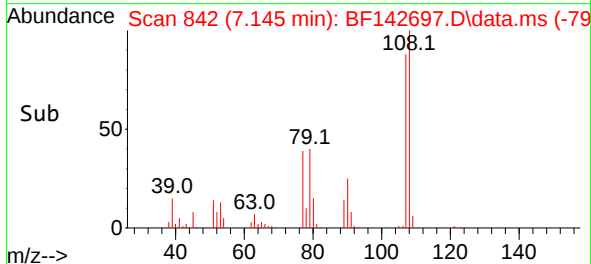
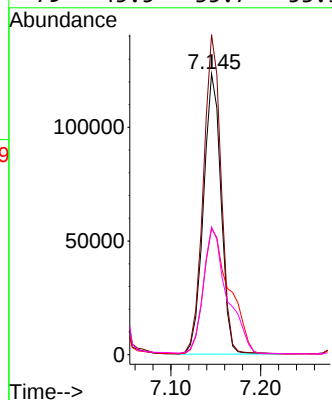
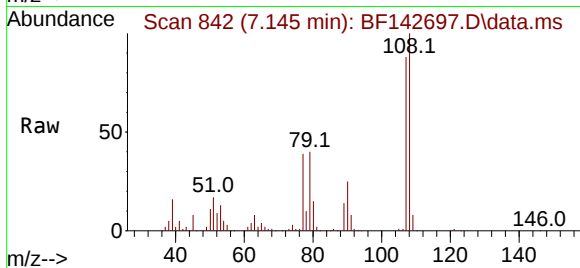


#17
2-Methylphenol
Concen: 43.469 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion:107 Resp: 167392

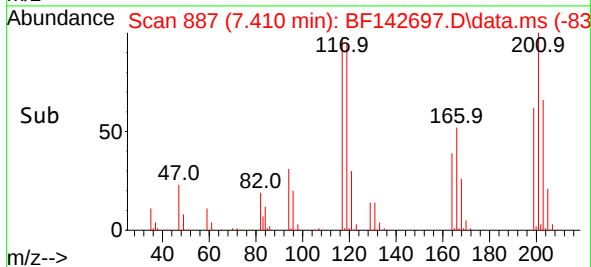
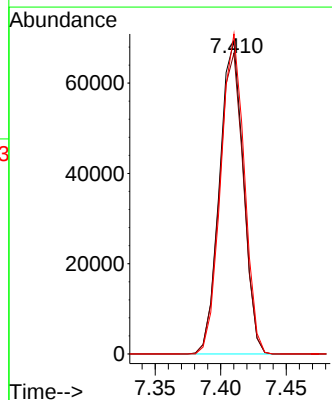
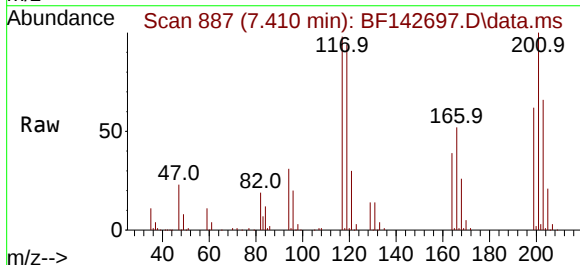
Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.0	136.4
77	45.0	34.9	52.3
79	45.5	35.7	53.5

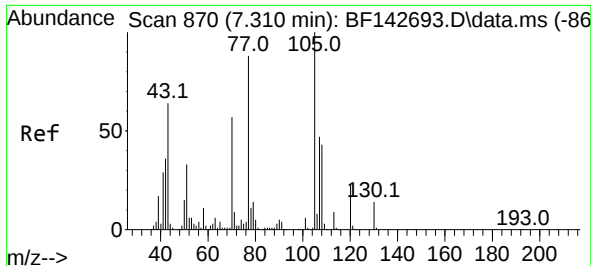


#18
Hexachloroethane
Concen: 44.361 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:117 Resp: 87640

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.1	115.7
201	102.4	82.6	123.8



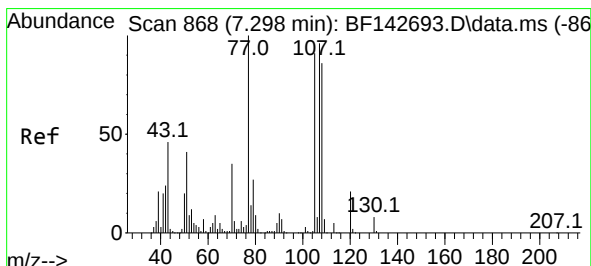
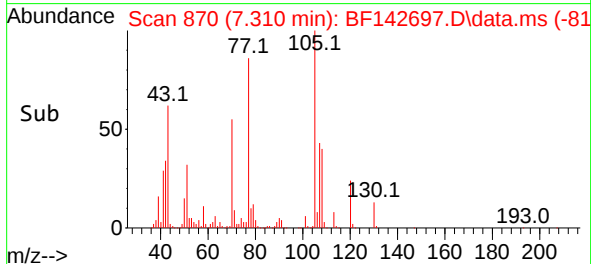
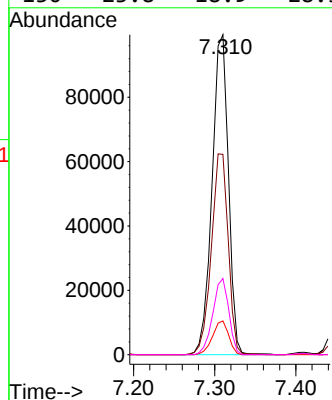
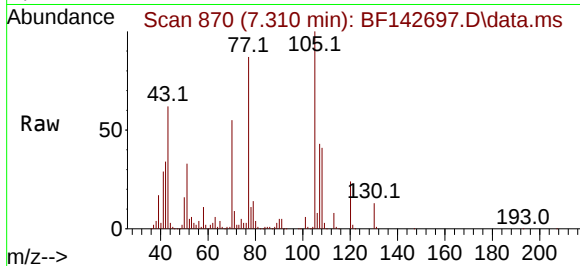


#19
n-Nitroso-di-n-propylamine
Concen: 44.029 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion: 70 Resp: 139318

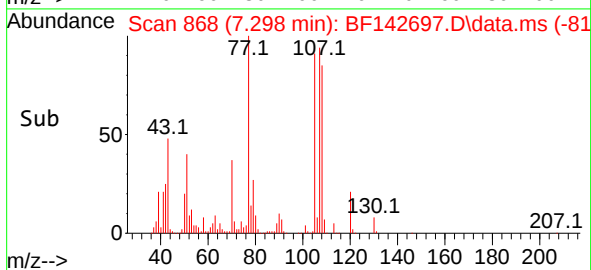
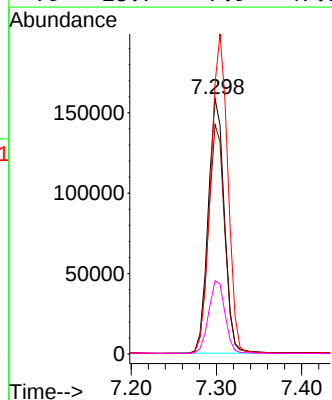
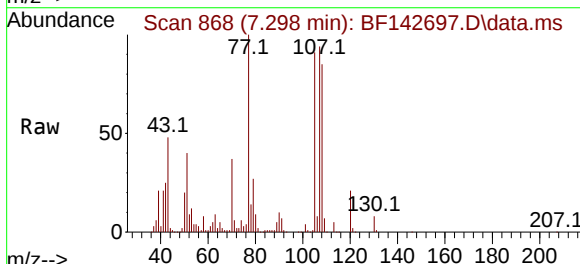
Ion	Ratio	Lower	Upper
70	100		
42	62.6	50.1	75.1
101	10.6	8.1	12.1
130	23.8	18.9	28.3

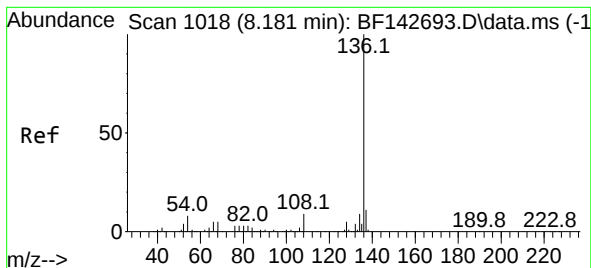


#20
3+4-Methylphenols
Concen: 44.079 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 107 Resp: 209047

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.5	109.5
77	106.1	83.6	123.6
79	28.7	7.9	47.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion:136 Resp: 294803

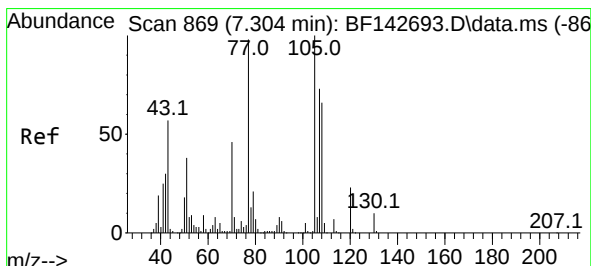
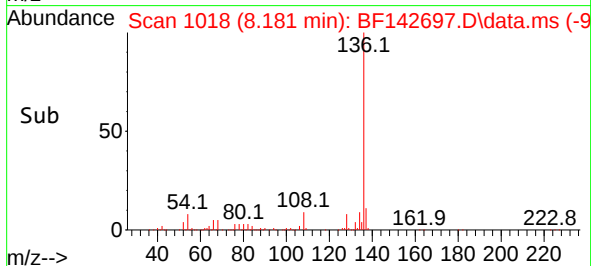
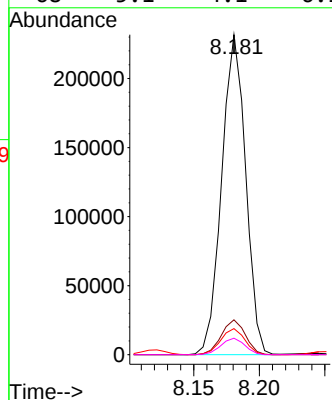
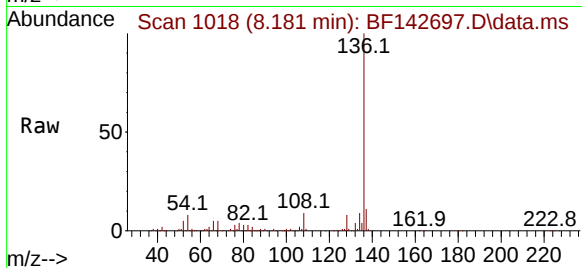
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.2 6.4 9.6

68 5.1 4.1 6.1



#22

Acetophenone

Concen: 44.049 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Tgt Ion:105 Resp: 283863

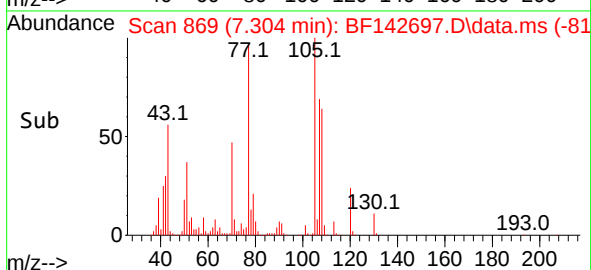
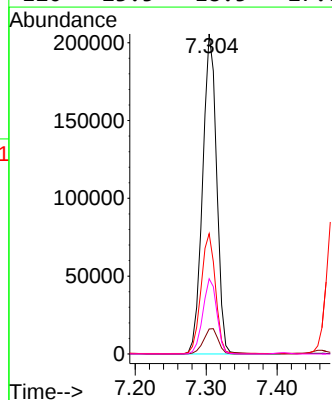
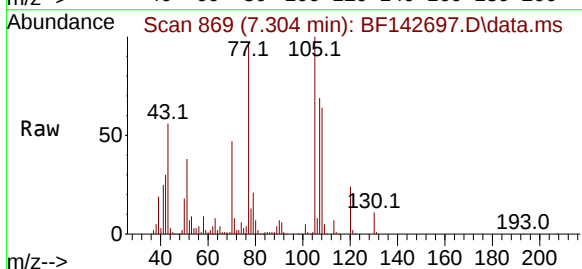
Ion Ratio Lower Upper

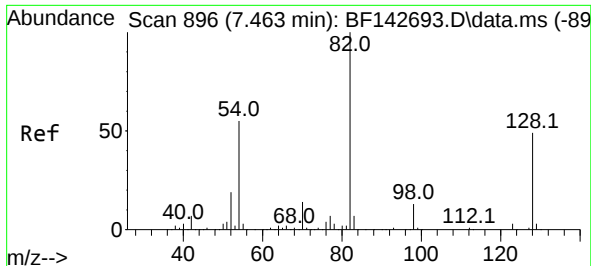
105 100

71 7.8 6.2 9.2

51 37.6 30.8 46.2

120 23.5 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.232 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

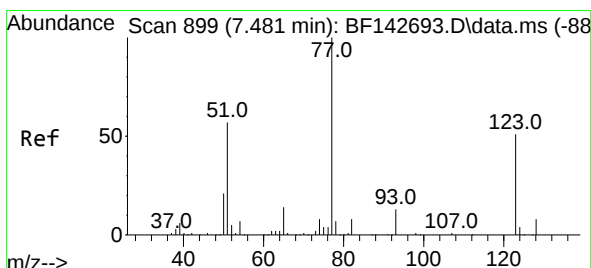
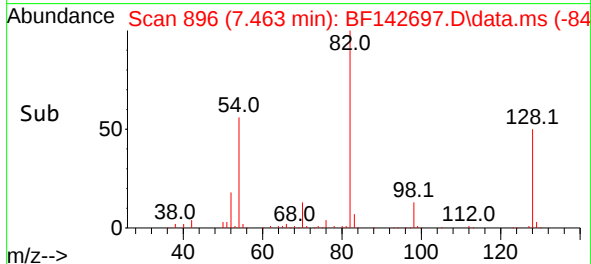
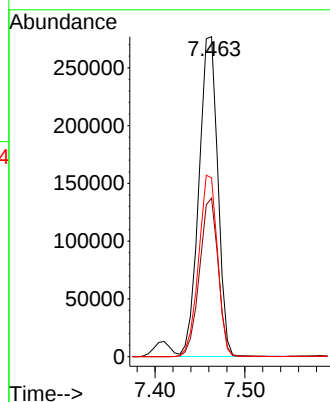
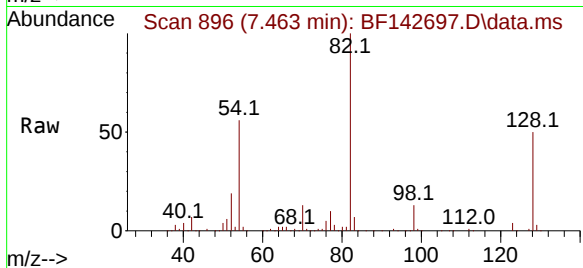
BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion: 82 Resp: 403568

Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.3	58.9
54	55.9	44.2	66.2



#24

Nitrobenzene

Concen: 43.509 ng

RT: 7.481 min Scan# 899

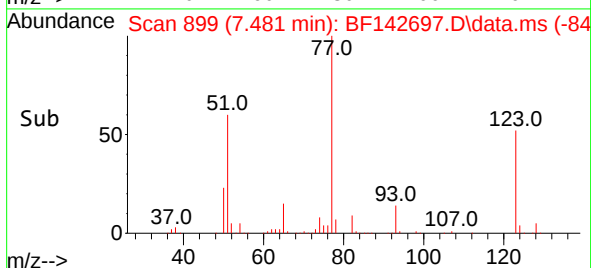
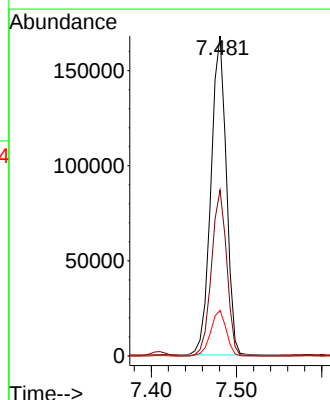
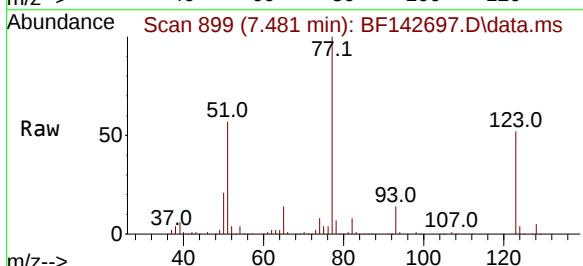
Delta R.T. -0.000 min

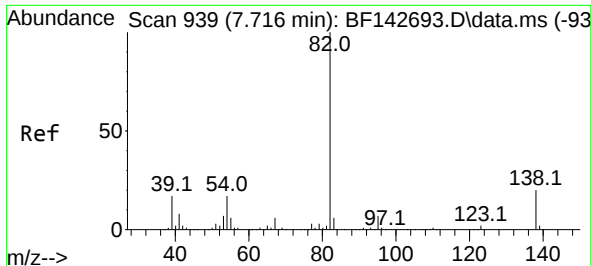
Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Tgt Ion: 77 Resp: 210486

Ion	Ratio	Lower	Upper
77	100		
123	51.9	41.3	61.9
65	14.3	11.2	16.8

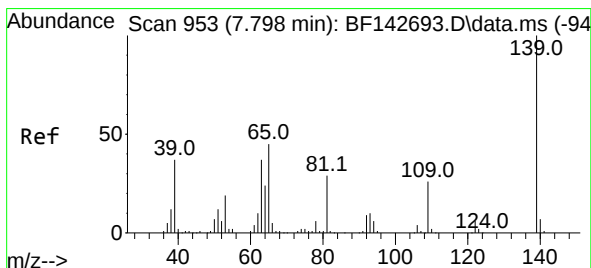
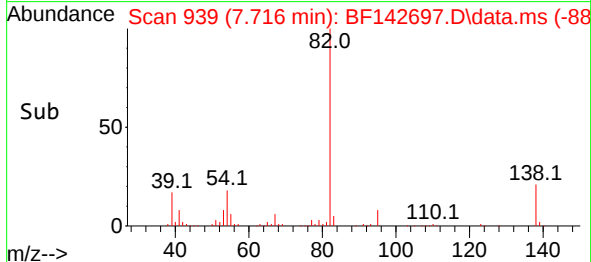
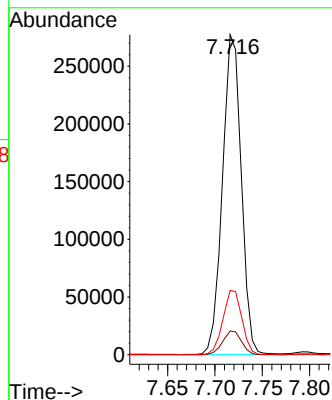
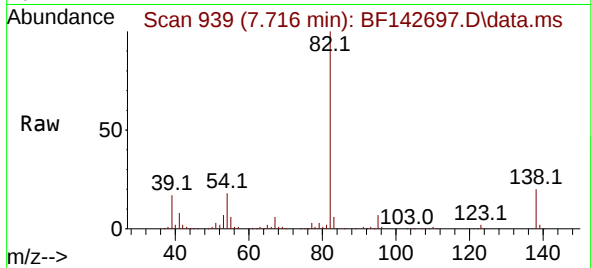




#25
Isophorone
Concen: 44.029 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

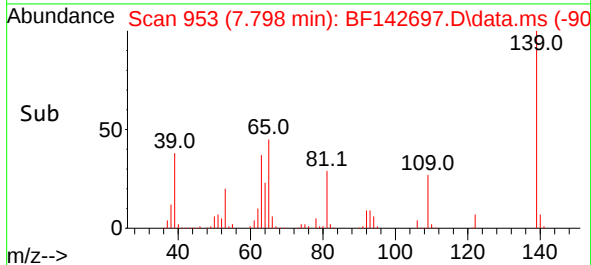
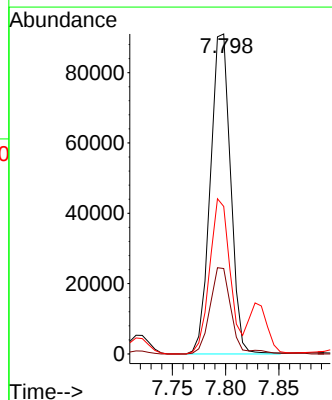
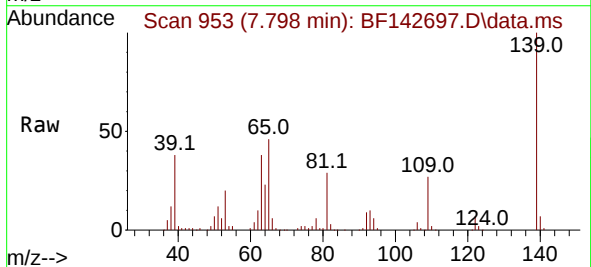
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

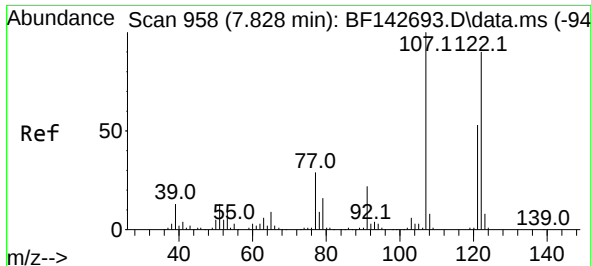
Tgt Ion: 82 Resp: 383186
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 20.0 16.1 24.1



#26
2-Nitrophenol
Concen: 45.128 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:139 Resp: 120426
Ion Ratio Lower Upper
139 100
109 26.7 21.0 31.6
65 46.1 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 44.985 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

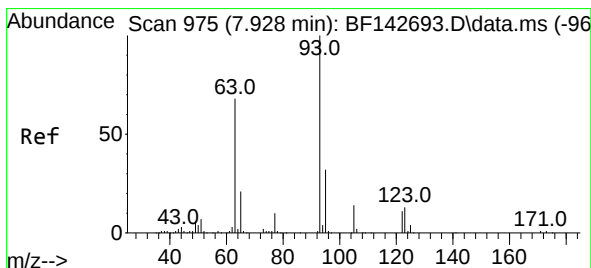
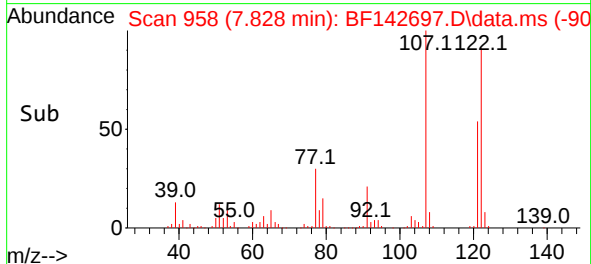
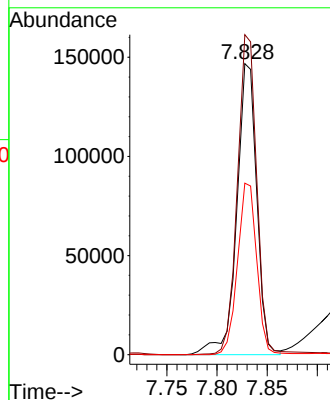
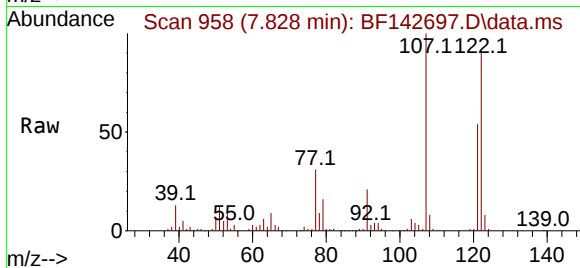
Tgt Ion:122 Resp: 204019

Ion Ratio Lower Upper

122 100

107 109.9 89.4 134.2

121 59.0 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.032 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

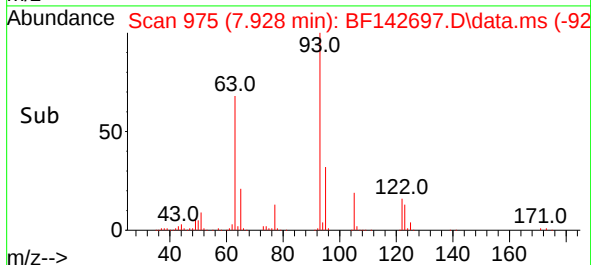
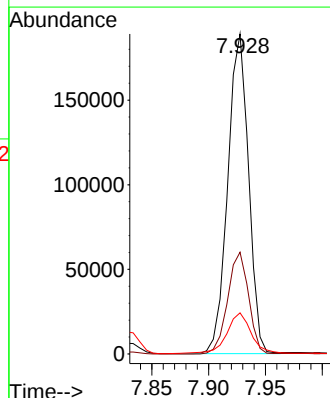
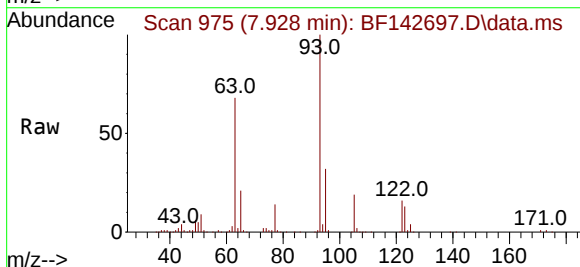
Tgt Ion: 93 Resp: 240353

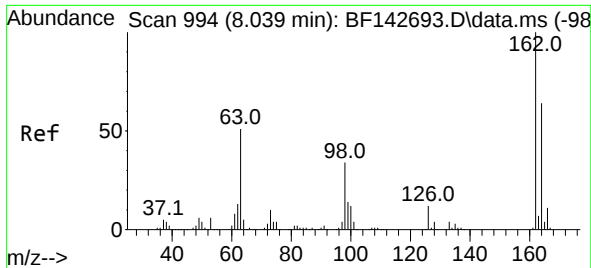
Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 12.9 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 45.265 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

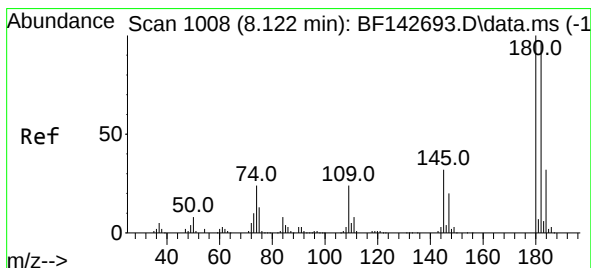
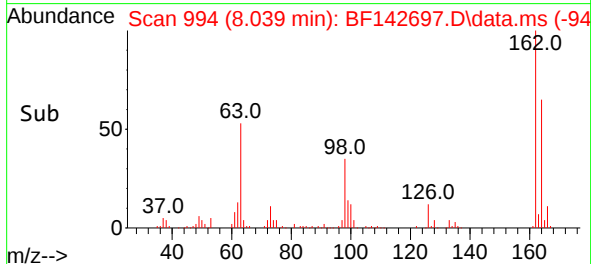
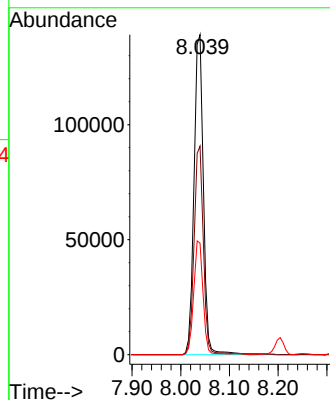
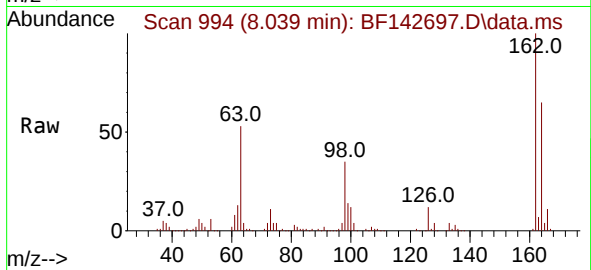
Tgt Ion:162 Resp: 188067

Ion Ratio Lower Upper

162 100

164 65.2 44.0 84.0

98 34.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 44.194 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

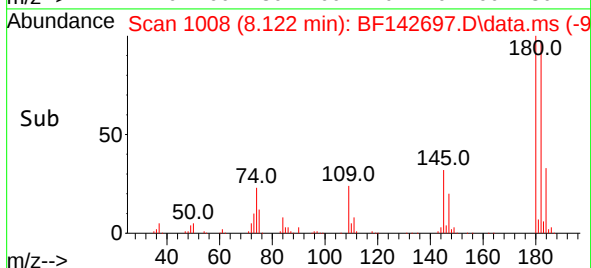
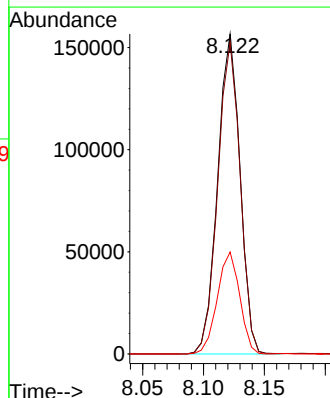
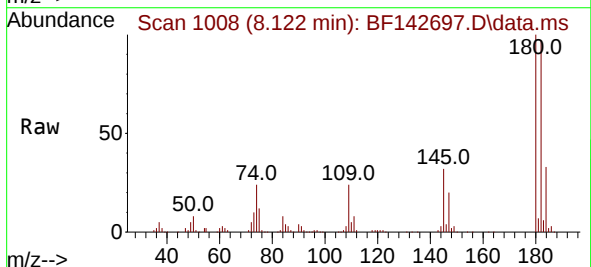
Tgt Ion:180 Resp: 200287

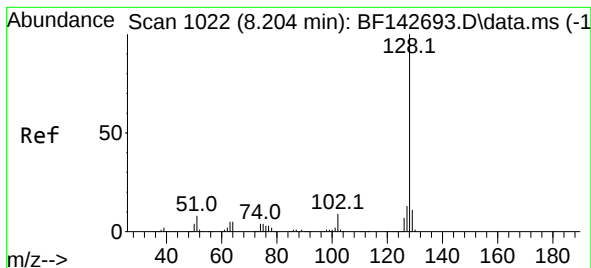
Ion Ratio Lower Upper

180 100

182 97.4 76.6 114.8

145 31.8 25.4 38.0





#31

Naphthalene

Concen: 44.342 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

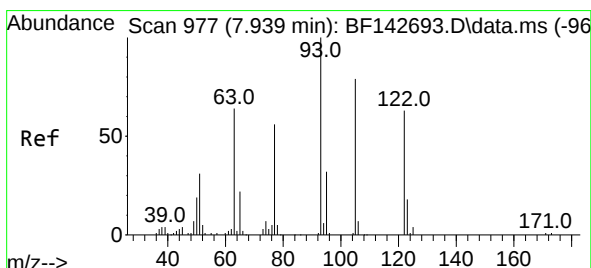
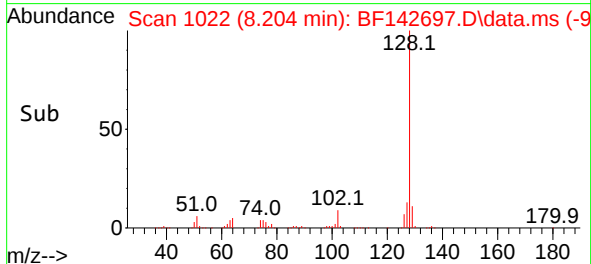
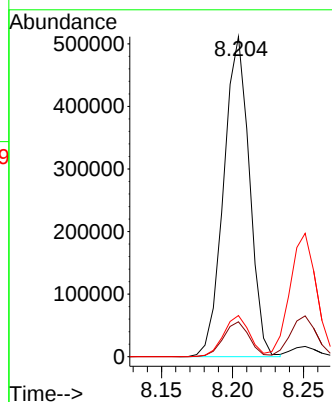
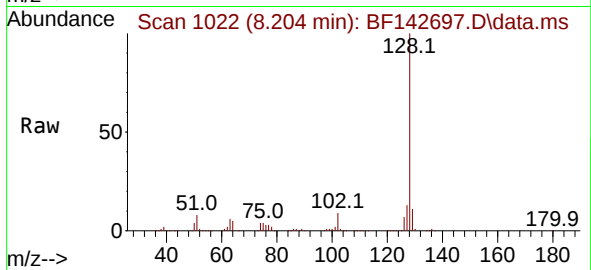
Tgt Ion:128 Resp: 644164

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.9 10.6 15.8



#32

Benzoic acid

Concen: 45.501 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

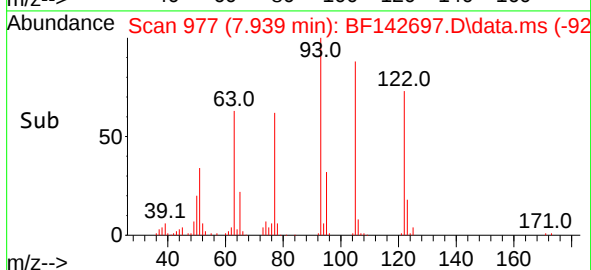
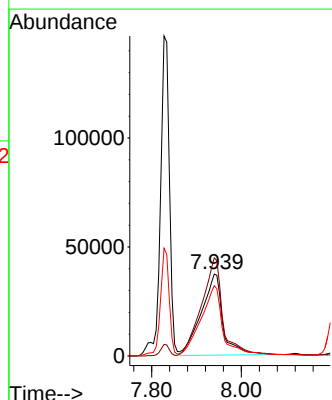
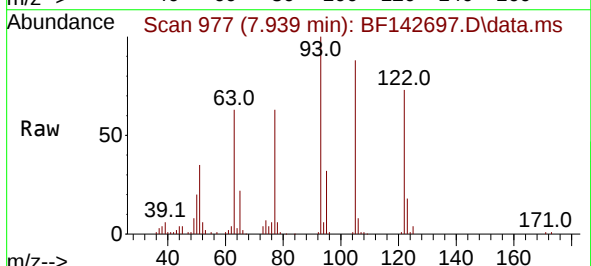
Tgt Ion:122 Resp: 125273

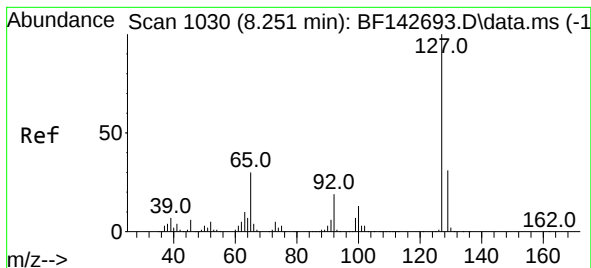
Ion Ratio Lower Upper

122 100

105 119.7 100.3 140.3

77 85.8 67.9 107.9





#33

4-Chloroaniline

Concen: 44.928 ng

RT: 8.251 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion:127 Resp: 268327

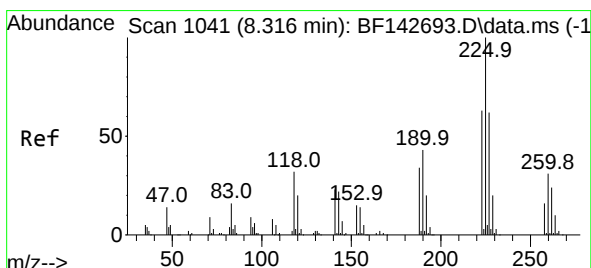
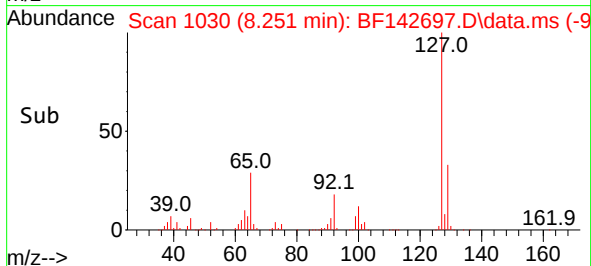
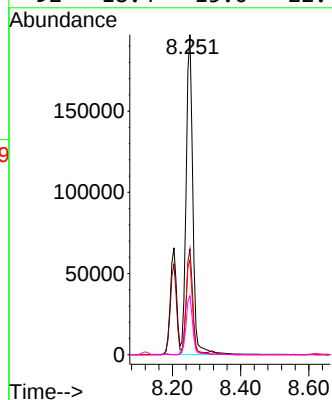
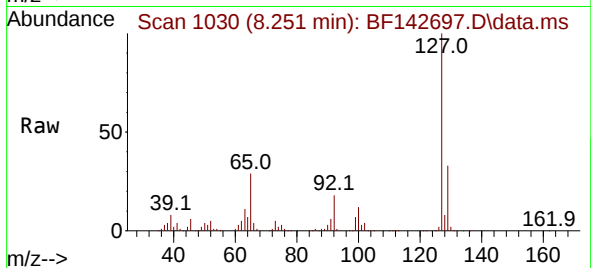
Ion Ratio Lower Upper

127 100

129 33.1 26.1 39.1

65 29.5 23.8 35.6

92 18.4 15.0 22.4



#34

Hexachlorobutadiene

Concen: 44.105 ng

RT: 8.316 min Scan# 1041

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

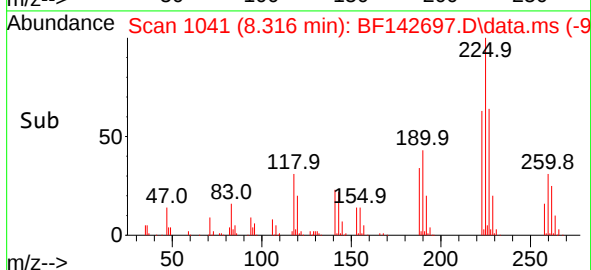
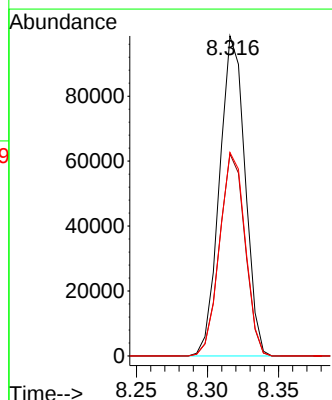
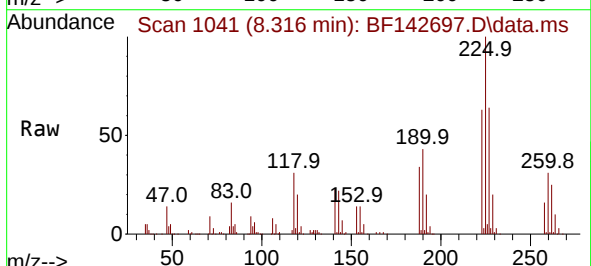
Tgt Ion:225 Resp: 123105

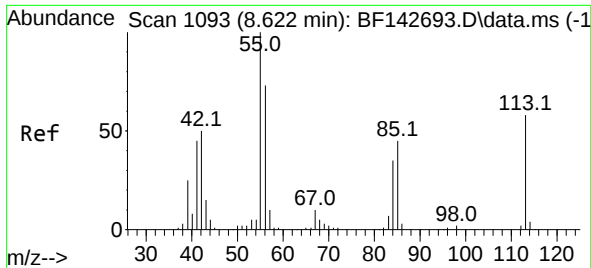
Ion Ratio Lower Upper

225 100

223 63.2 50.7 76.1

227 63.6 49.8 74.8

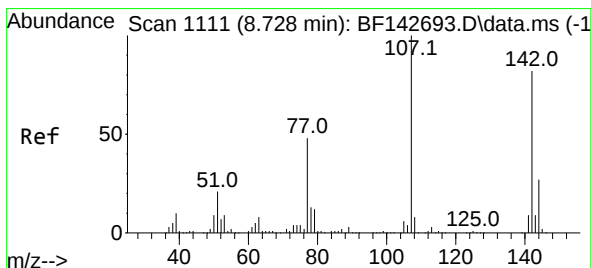
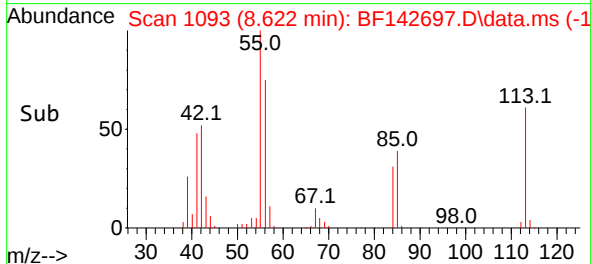
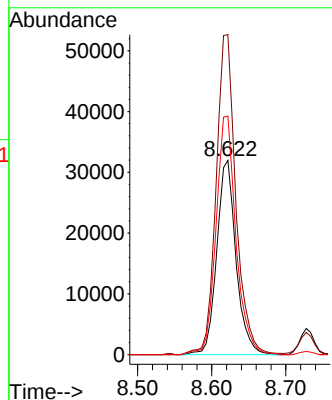
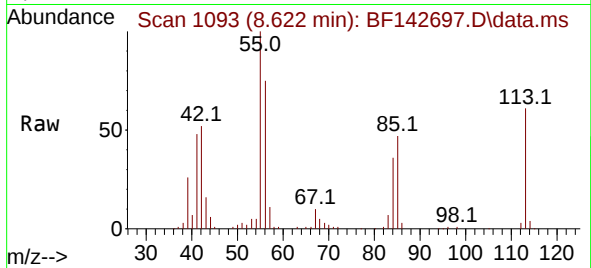




#35
 Caprolactam
 Concen: 45.192 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

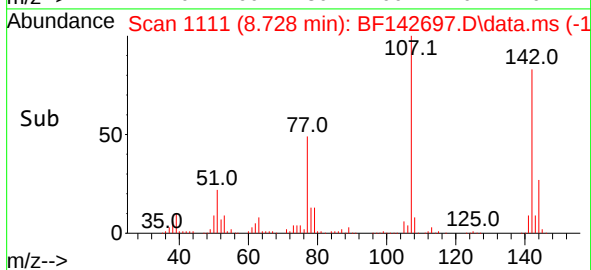
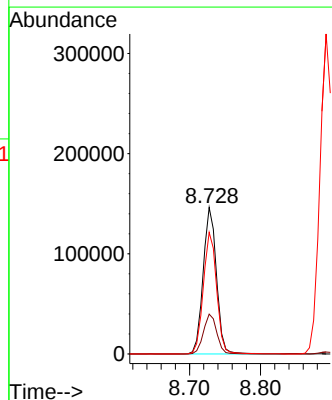
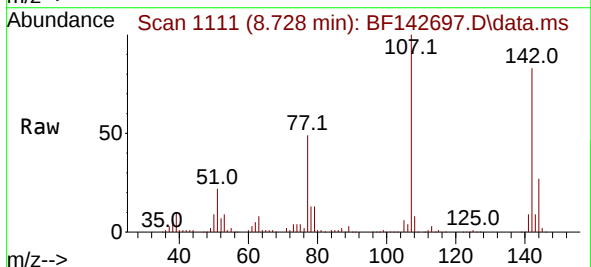
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

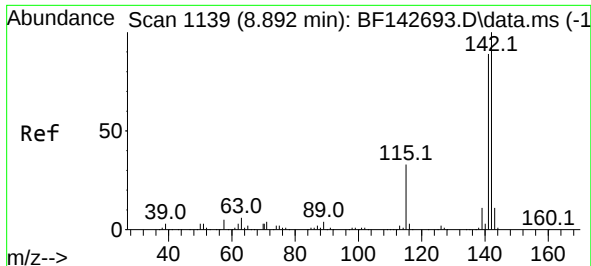
Tgt Ion:113 Resp: 57671
 Ion Ratio Lower Upper
 113 100
 55 164.8 152.9 192.9
 56 122.8 106.6 146.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.711 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

Tgt Ion:107 Resp: 191616
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.5 32.3
 142 83.0 65.5 98.3

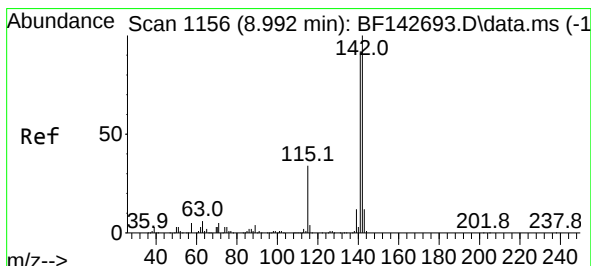
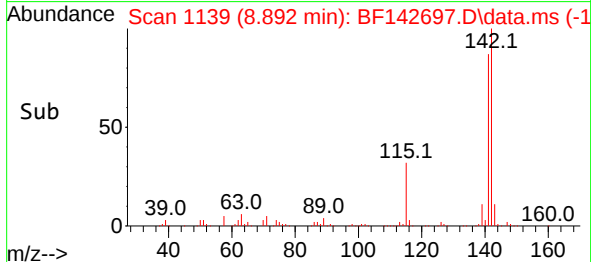
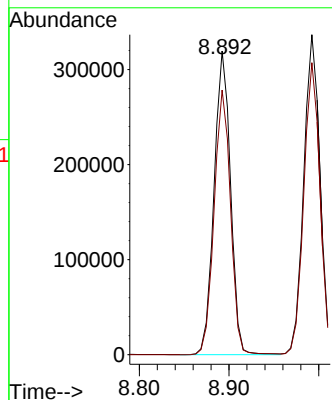
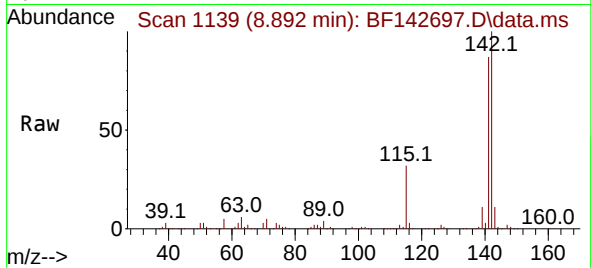




#37
2-Methylnaphthalene
Concen: 44.403 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

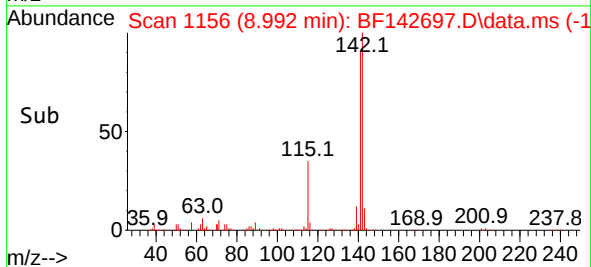
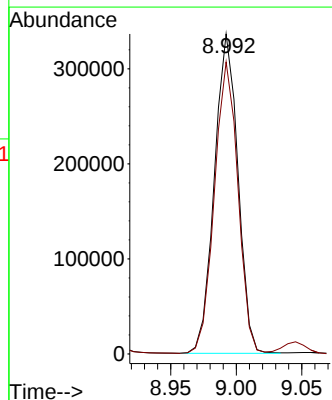
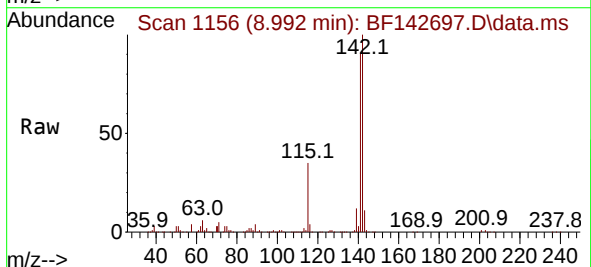
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

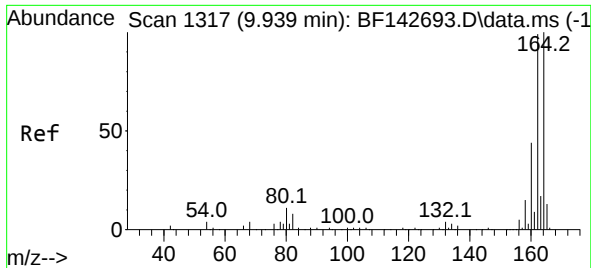
Tgt Ion:142 Resp: 405882
Ion Ratio Lower Upper
142 100
141 87.1 70.8 106.2



#38
1-Methylnaphthalene
Concen: 44.232 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:142 Resp: 418692
Ion Ratio Lower Upper
142 100
141 91.3 73.7 110.5

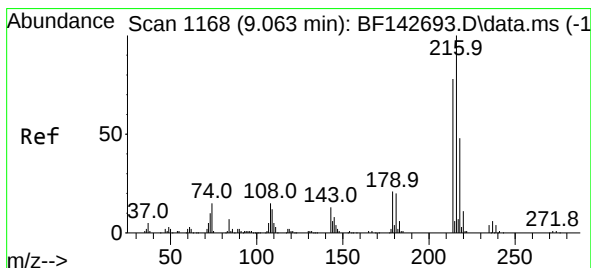
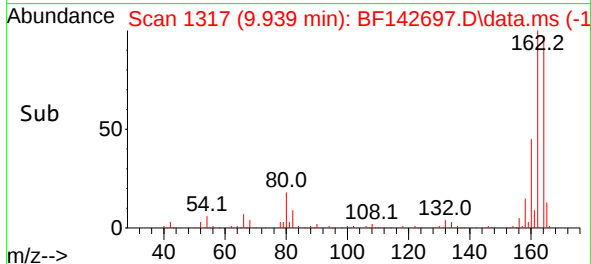
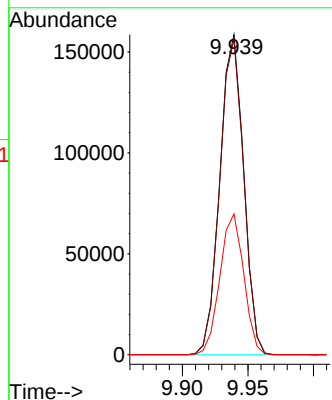
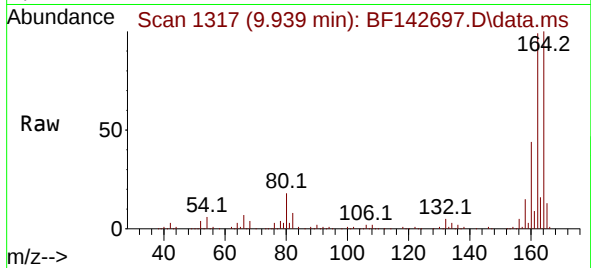




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

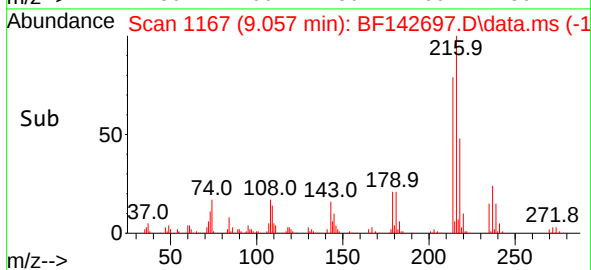
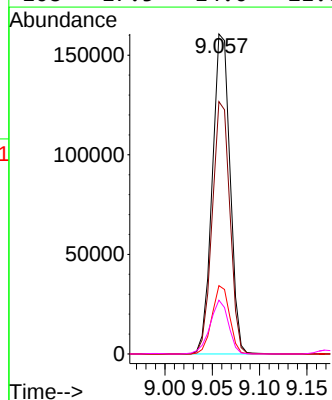
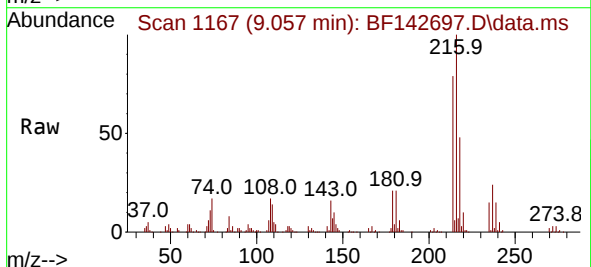
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

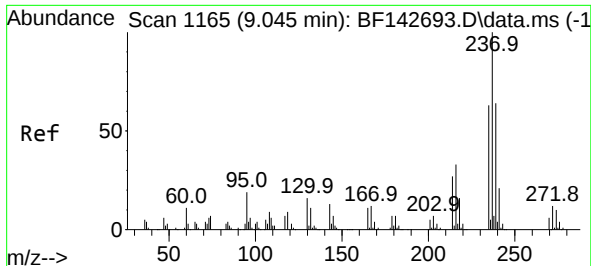
Tgt Ion:164 Resp: 200089
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.123 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:216 Resp: 208880
Ion Ratio Lower Upper
216 100
214 78.3 63.0 94.6
179 21.0 16.6 25.0
108 17.5 14.0 21.0

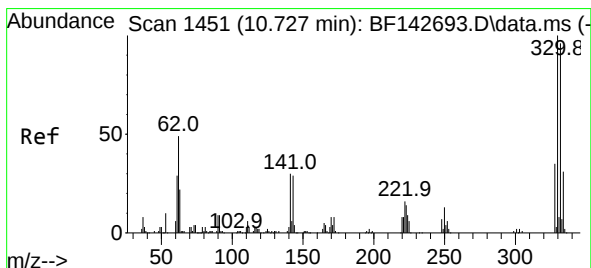
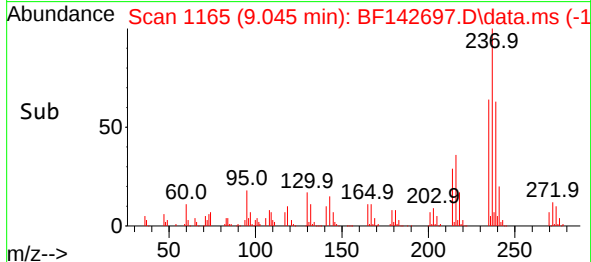
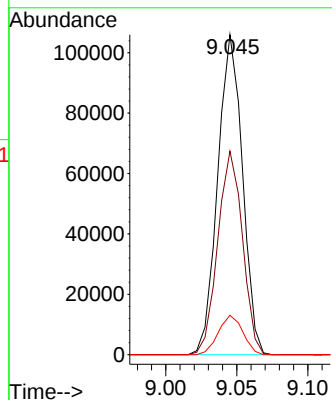
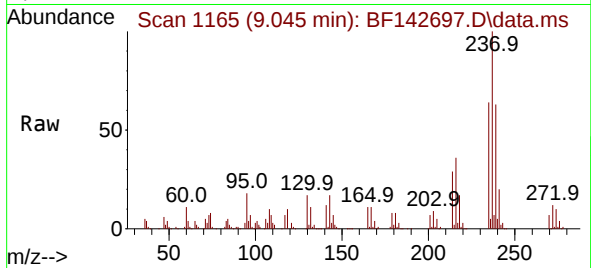




#41
Hexachlorocyclopentadiene
Concen: 37.762 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

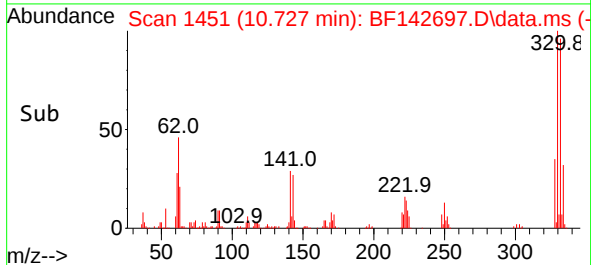
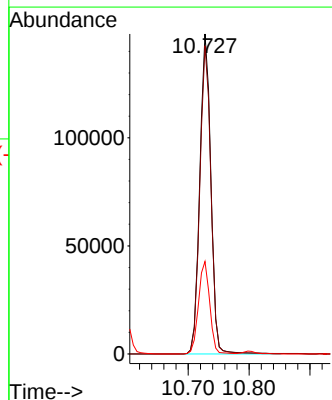
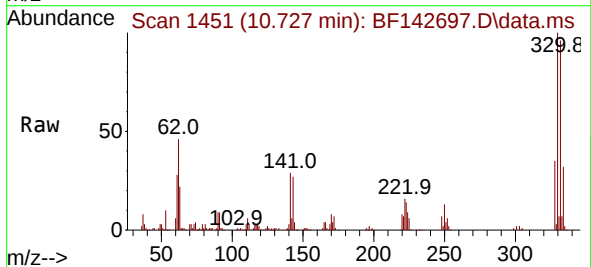
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

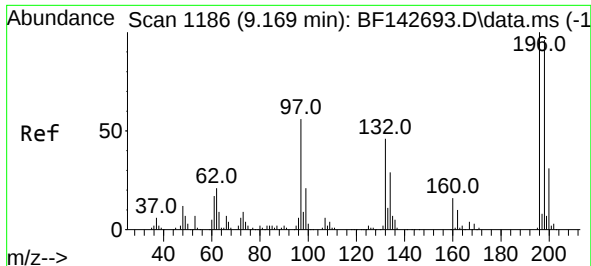
Tgt Ion:237 Resp: 128228
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 12.3 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 83.418 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:330 Resp: 187525
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.2 23.5 35.3

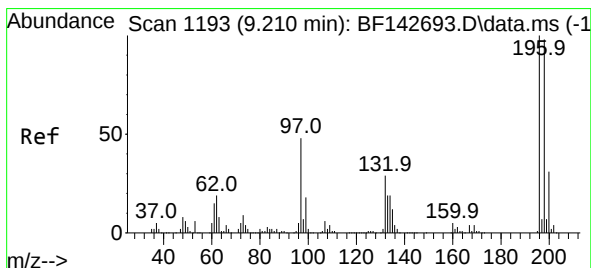
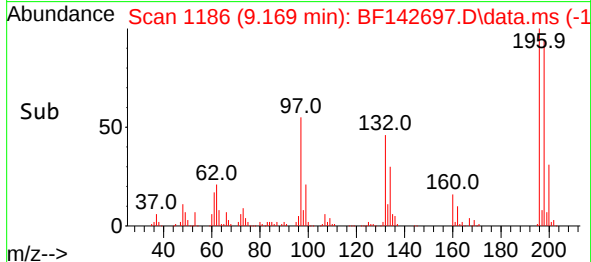
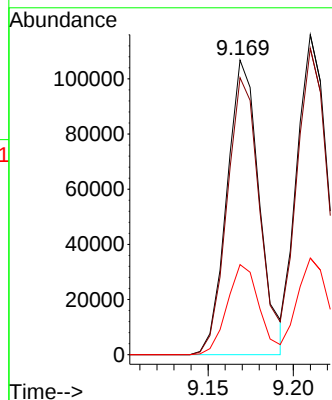
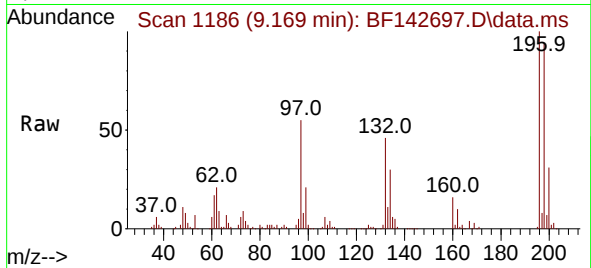




#43
2,4,6-Trichlorophenol
Concen: 37.279 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

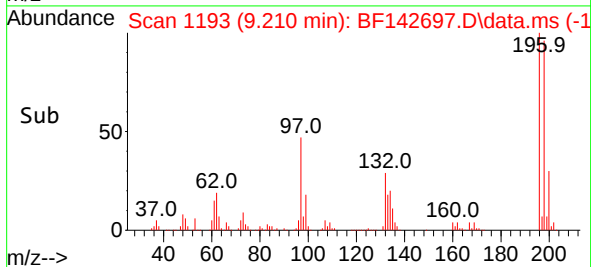
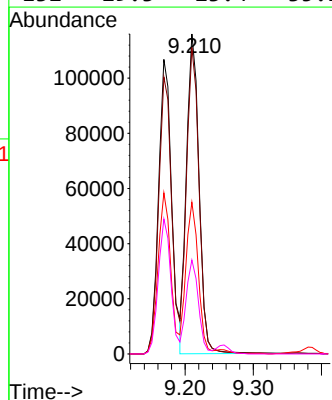
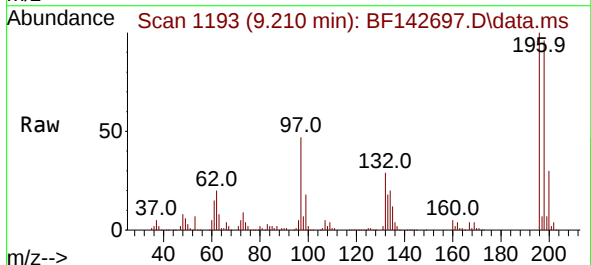
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

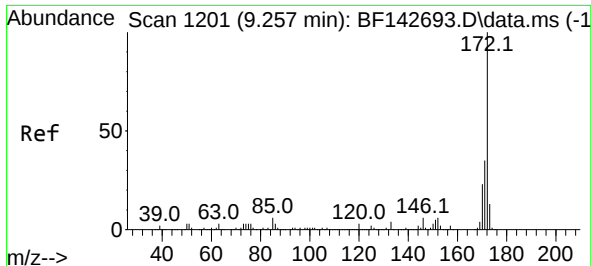
Tgt Ion:196 Resp: 141444
Ion Ratio Lower Upper
196 100
198 94.1 77.1 115.7
200 30.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 36.369 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:196 Resp: 147387
Ion Ratio Lower Upper
196 100
198 95.7 78.2 117.2
97 47.4 39.2 58.8
132 29.3 23.4 35.2

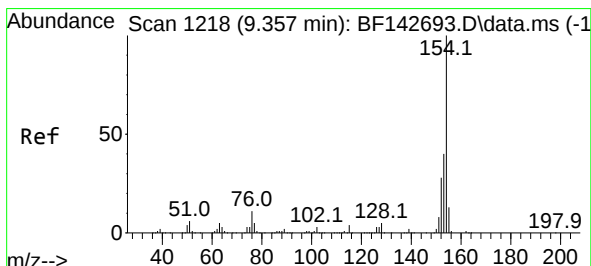
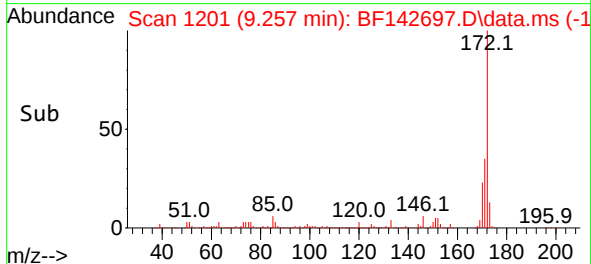
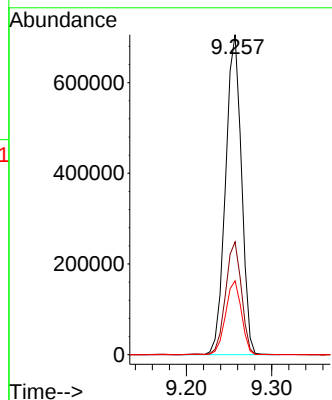
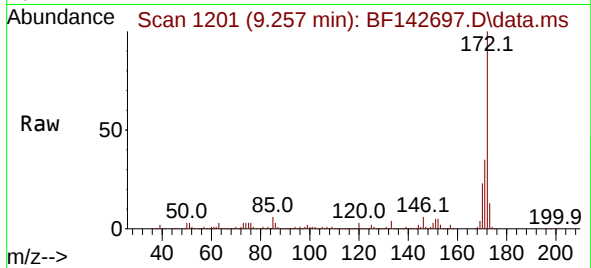




#45
2-Fluorobiphenyl
Concen: 62.532 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

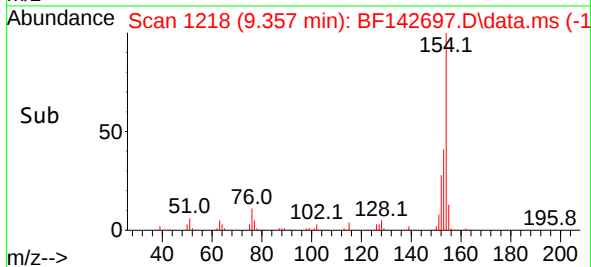
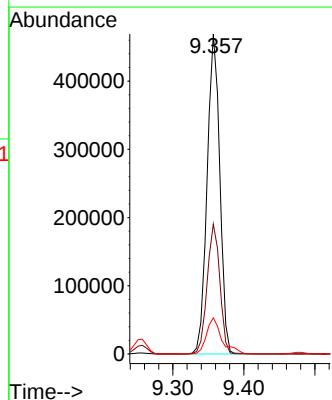
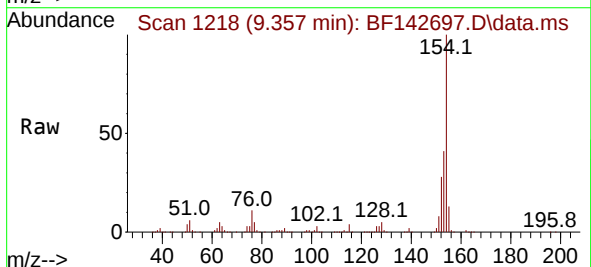
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

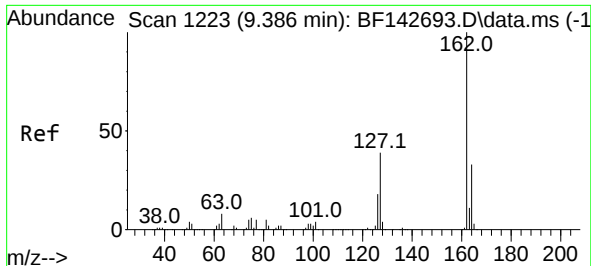
Tgt Ion:172 Resp: 914897
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.7 28.1



#46
1,1'-Biphenyl
Concen: 37.456 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:154 Resp: 582772
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.3 0.0 31.4

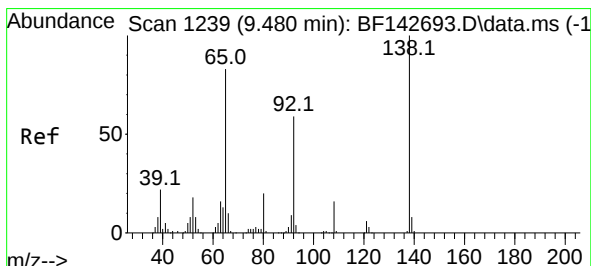
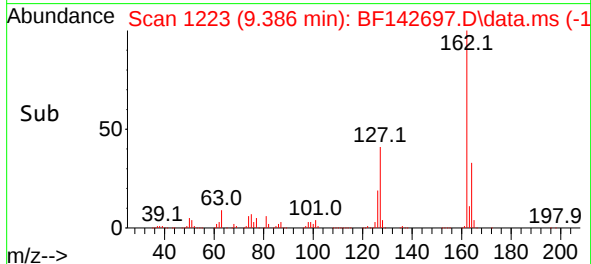
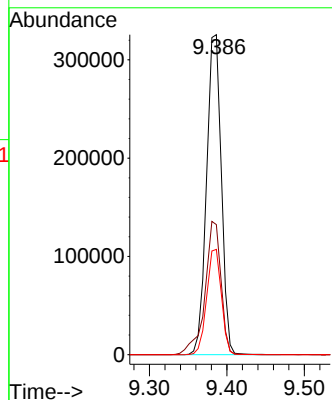
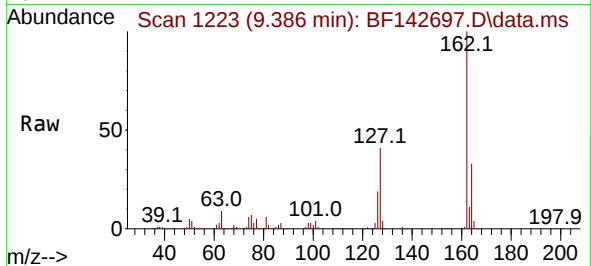




#47
2-Chloronaphthalene
Concen: 37.038 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

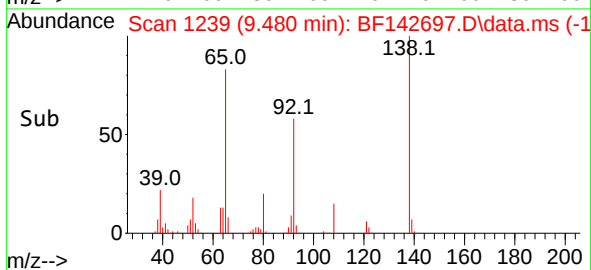
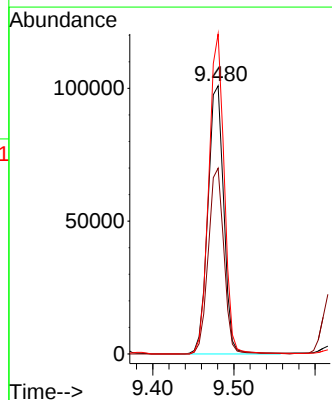
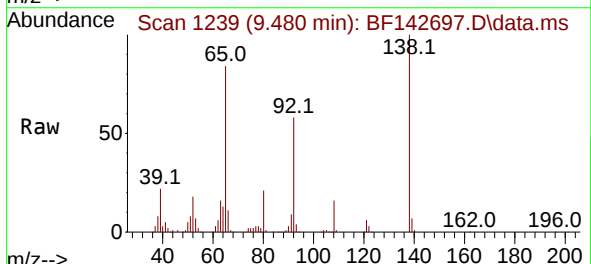
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

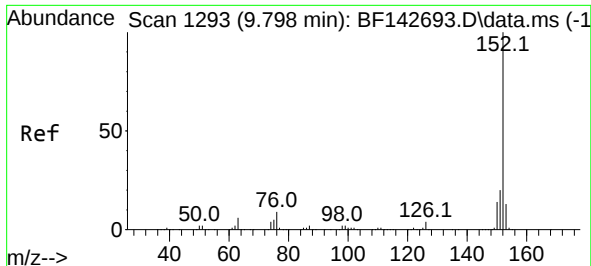
Tgt Ion:162 Resp: 431786
Ion Ratio Lower Upper
162 100
127 40.7 31.7 47.5
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 39.467 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion: 65 Resp: 136913
Ion Ratio Lower Upper
65 100
92 69.3 56.3 84.5
138 119.3 95.9 143.9





#49

Acenaphthylene

Concen: 44.348 ng

RT: 9.798 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

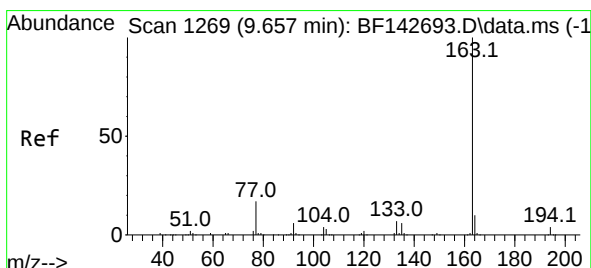
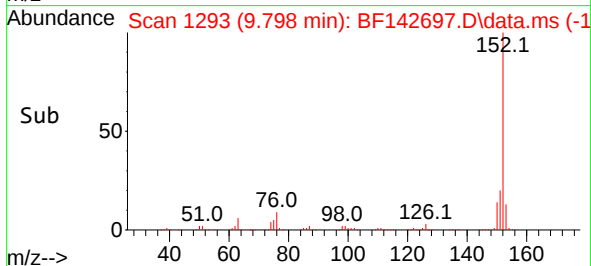
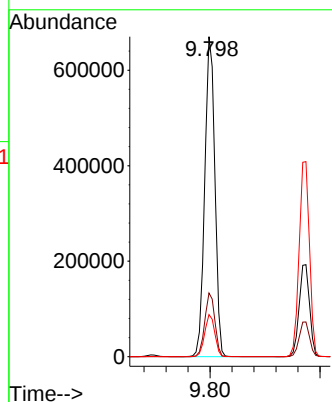
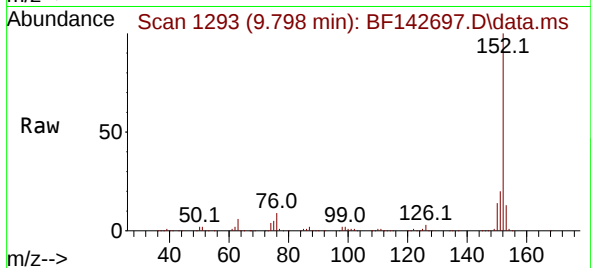
Tgt Ion:152 Resp: 856856

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 43.207 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

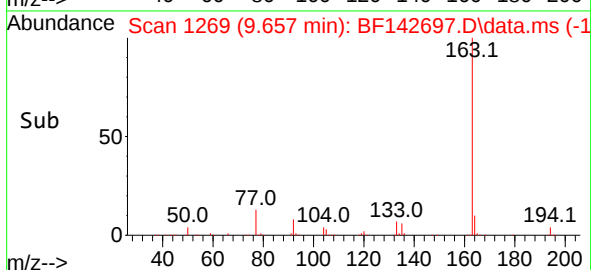
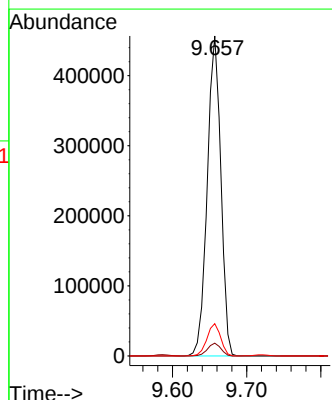
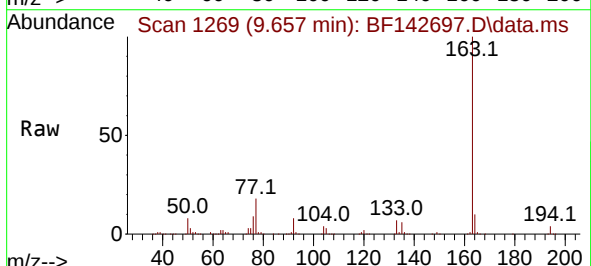
Tgt Ion:163 Resp: 581664

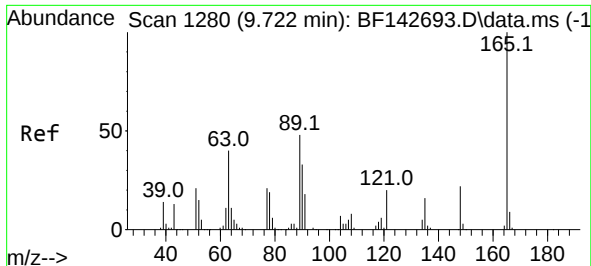
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.1 12.1

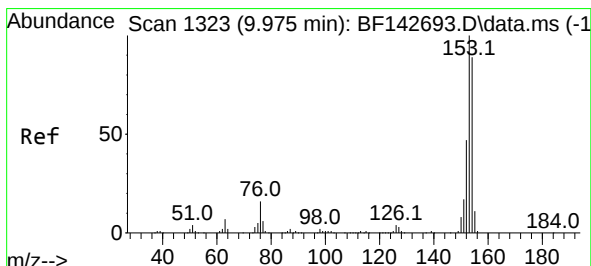
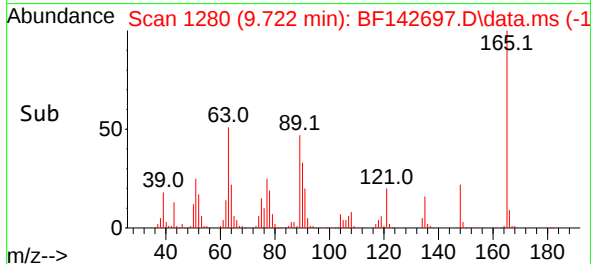
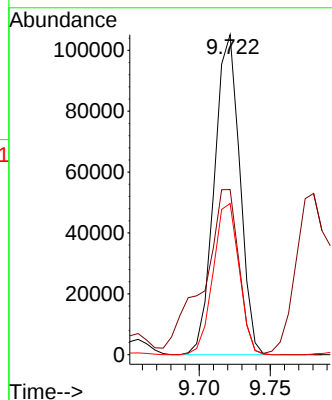
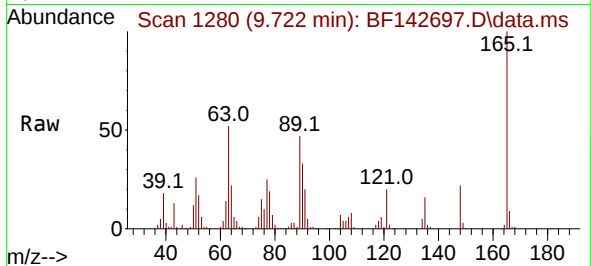




#51
2,6-Dinitrotoluene
Concen: 45.017 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

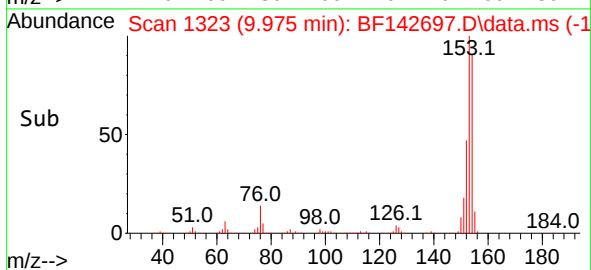
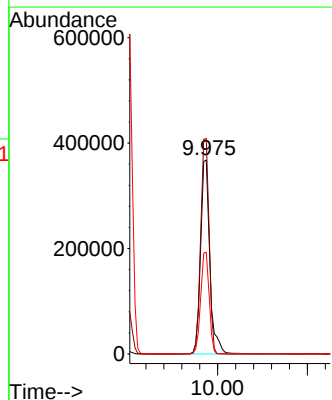
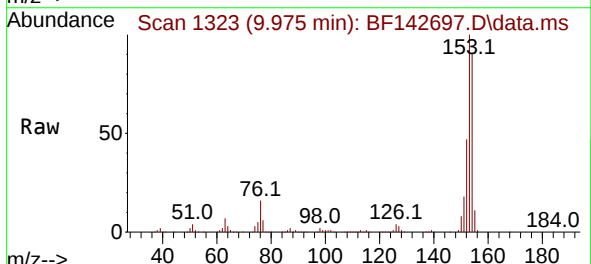
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

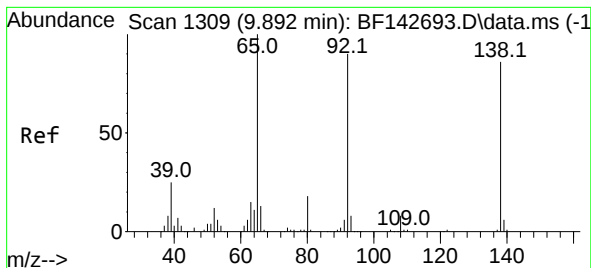
Tgt Ion:165 Resp: 131097
Ion Ratio Lower Upper
165 100
63 51.6 41.3 61.9
89 47.3 38.1 57.1



#52
Acenaphthene
Concen: 44.468 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:154 Resp: 525583
Ion Ratio Lower Upper
154 100
153 111.1 89.5 134.3
152 52.4 41.8 62.8





#53

3-Nitroaniline

Concen: 45.996 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

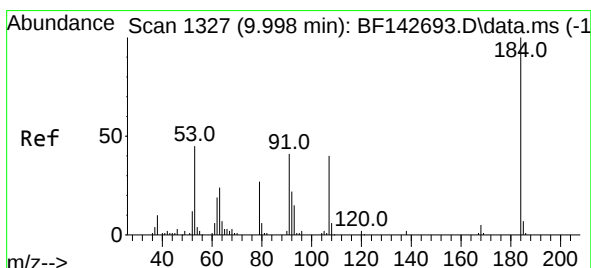
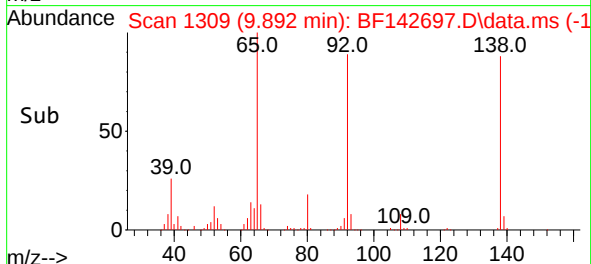
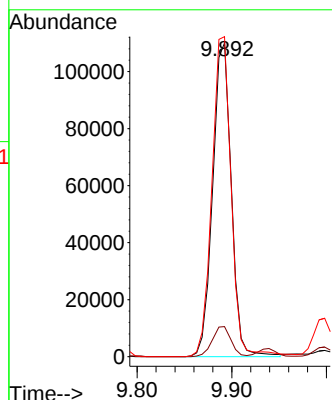
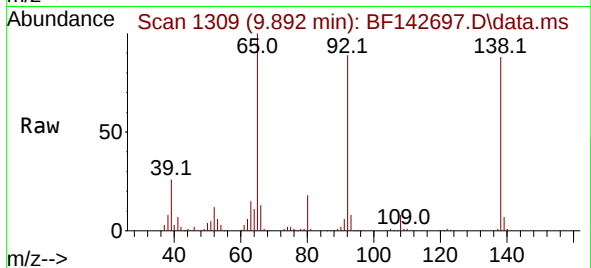
Tgt Ion:138 Resp: 150508

Ion Ratio Lower Upper

138 100

108 9.6 7.7 11.5

92 102.0 83.4 125.0



#54

2,4-Dinitrophenol

Concen: 48.813 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

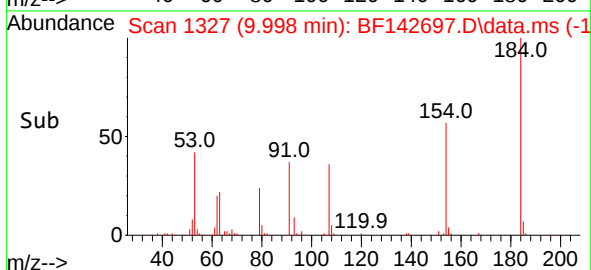
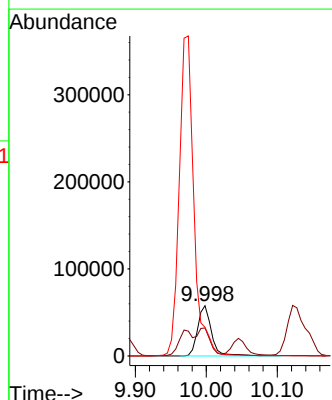
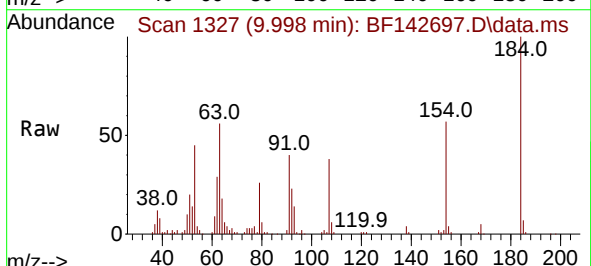
Tgt Ion:184 Resp: 78703

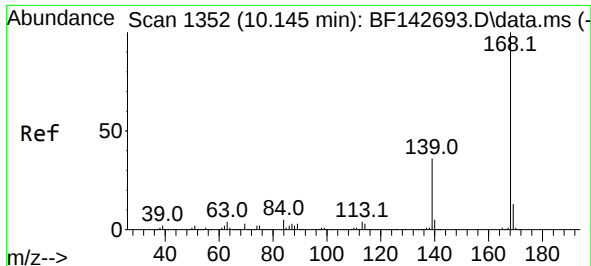
Ion Ratio Lower Upper

184 100

63 55.7 47.4 71.0

154 57.0 48.6 73.0

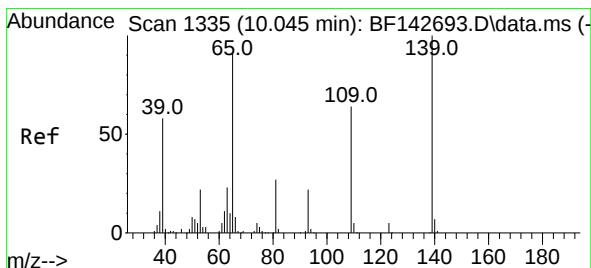
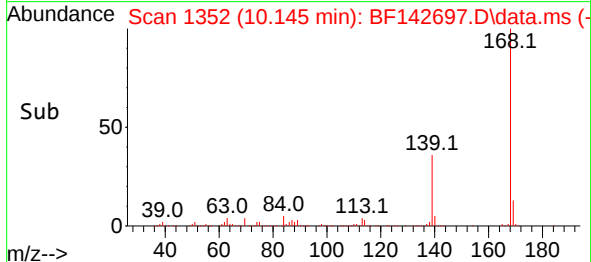
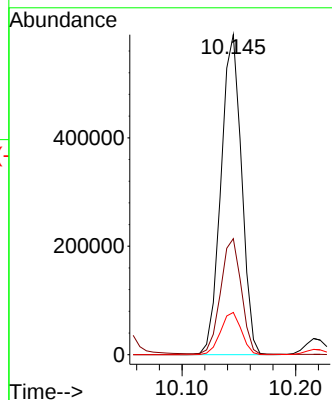
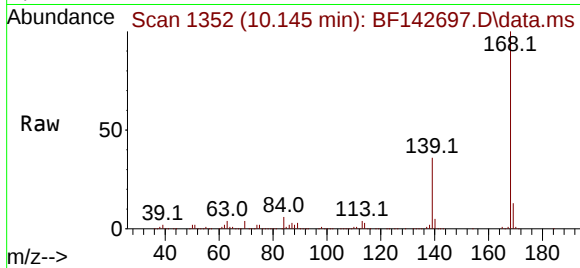




#55
Dibenzofuran
Concen: 43.877 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

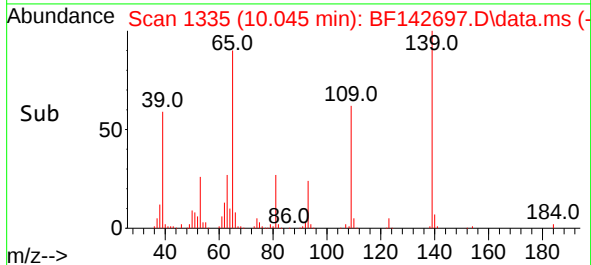
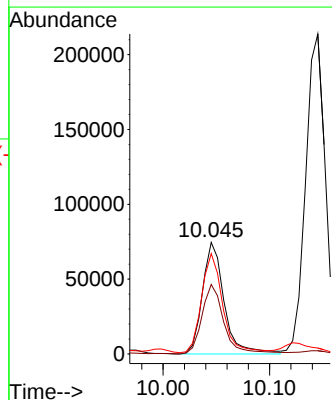
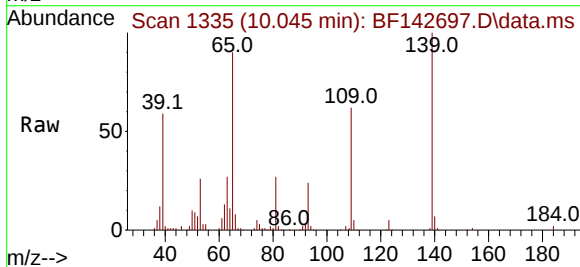
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

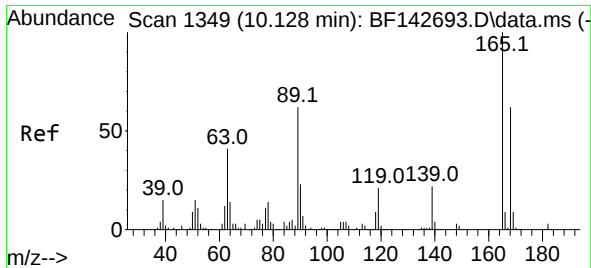
Tgt Ion:168 Resp: 743987
Ion Ratio Lower Upper
168 100
139 36.2 29.2 43.8
169 13.2 10.7 16.1



#56
4-Nitrophenol
Concen: 47.181 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:139 Resp: 106117
Ion Ratio Lower Upper
139 100
109 62.2 44.4 84.4
65 89.9 72.1 112.1



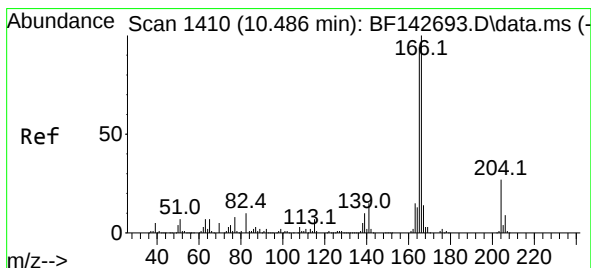
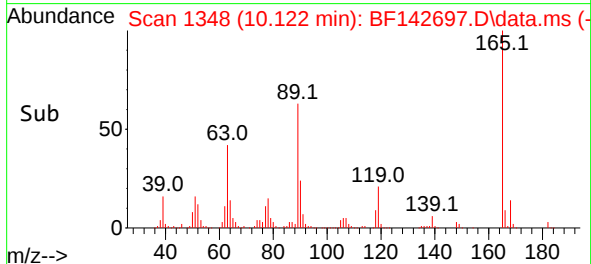
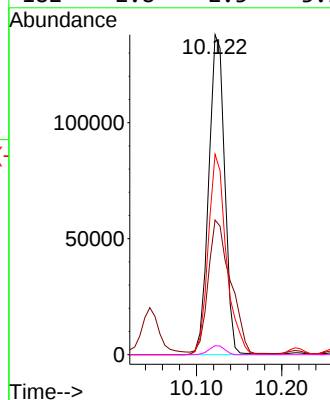
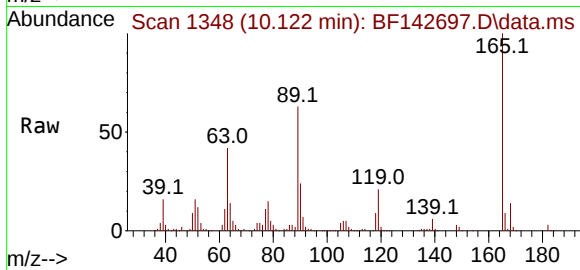


#57
2,4-Dinitrotoluene
Concen: 46.084 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion:165 Resp: 179892

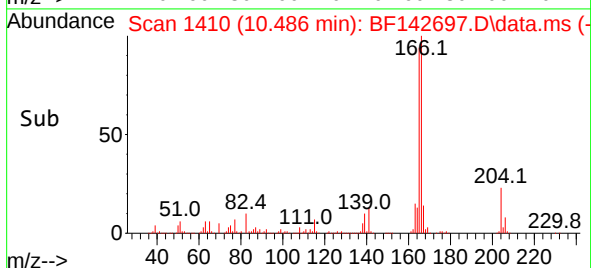
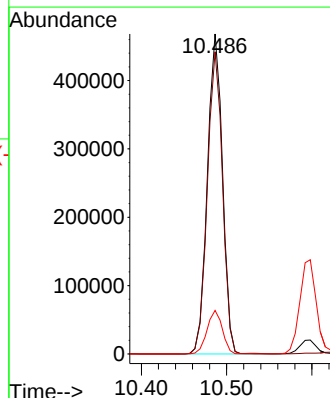
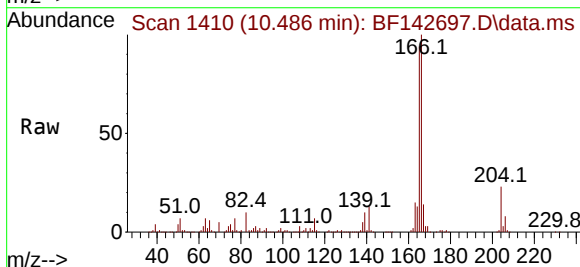
Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.6	50.4
89	62.7	49.4	74.0
182	2.8	2.3	3.5

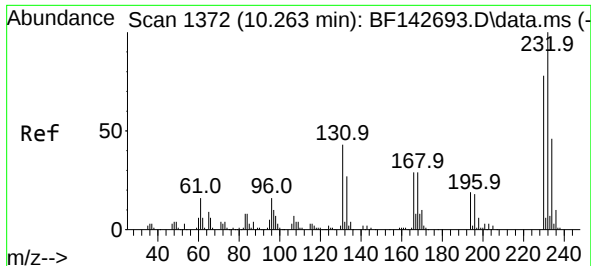


#58
Fluorene
Concen: 42.660 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:166 Resp: 578174

Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.0	112.6
167	13.6	10.8	16.2



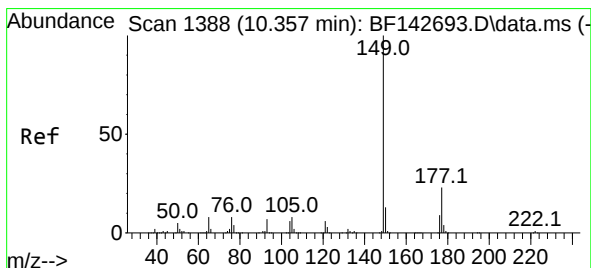
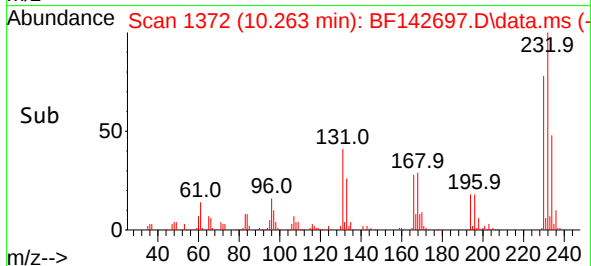
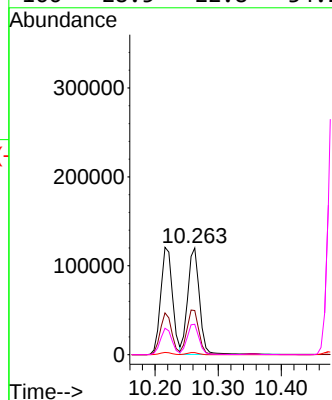
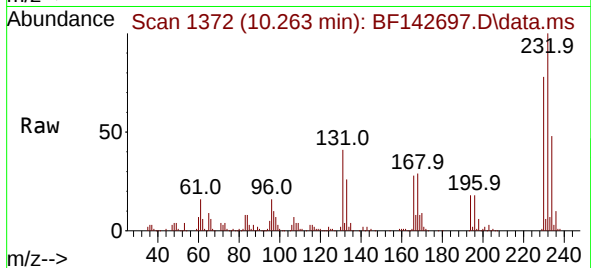


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.652 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion:232 Resp: 155682

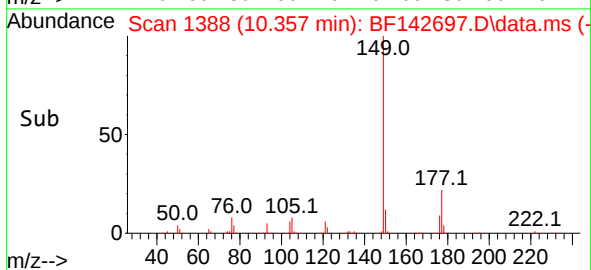
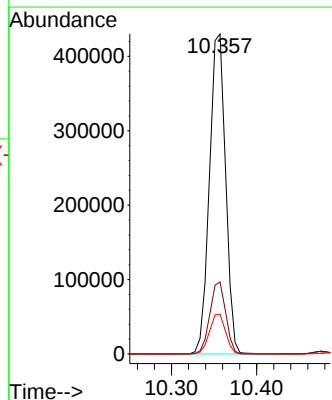
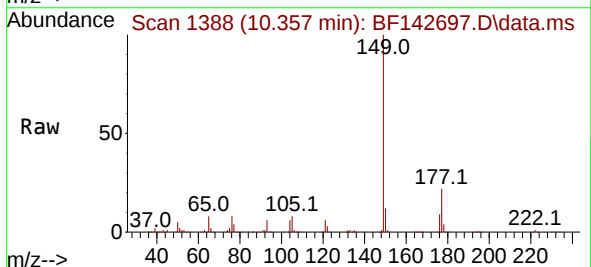
Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.5	50.3
130	1.9	1.5	2.3
166	28.5	22.8	34.2

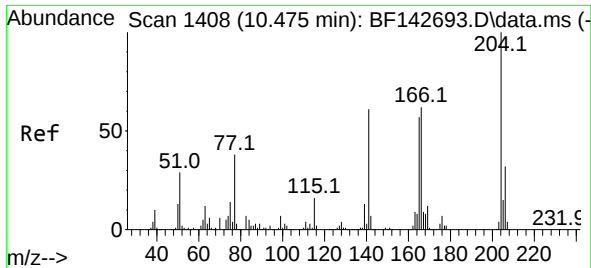


#60
Diethylphthalate
Concen: 43.327 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:149 Resp: 566252

Ion	Ratio	Lower	Upper
149	100		
177	22.5	18.0	27.0
150	12.5	10.0	15.0

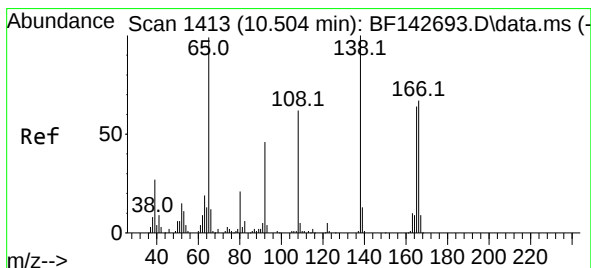
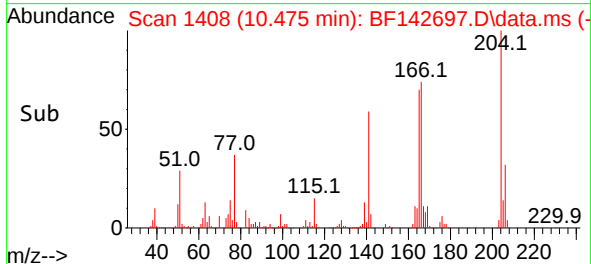
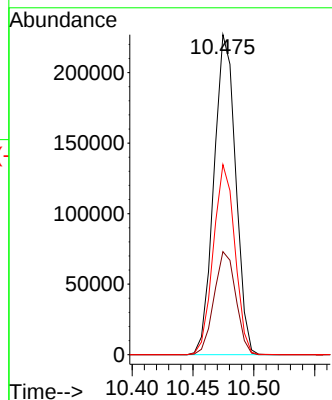
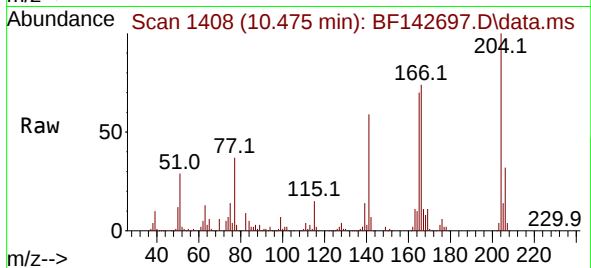




#61
4-Chlorophenyl-phenylether
Concen: 44.042 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

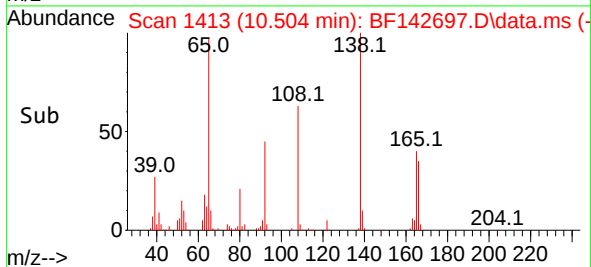
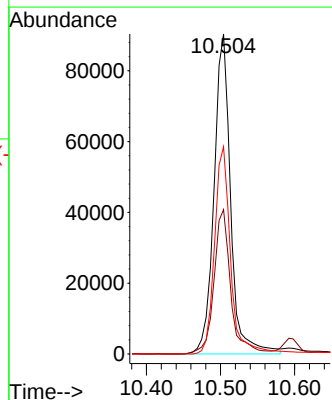
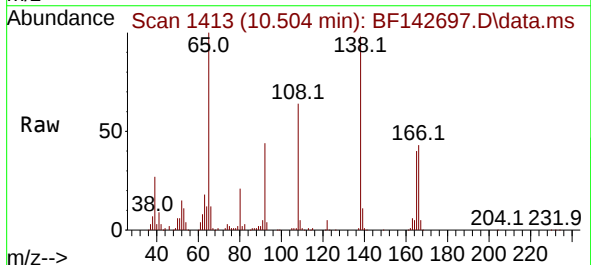
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

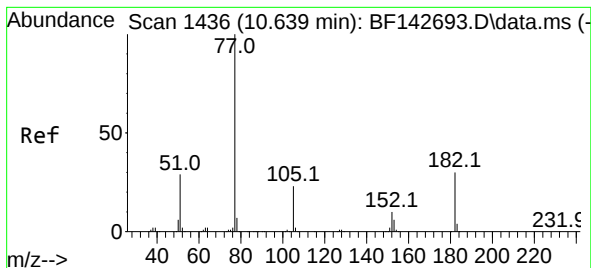
Tgt Ion:204 Resp: 282209
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 59.4 48.9 73.3



#62
4-Nitroaniline
Concen: 45.372 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:138 Resp: 140838
Ion Ratio Lower Upper
138 100
92 45.1 25.8 65.8
108 64.7 42.3 82.3

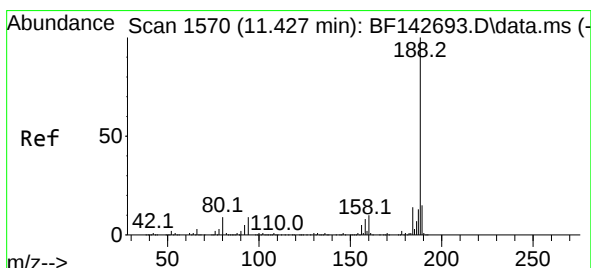
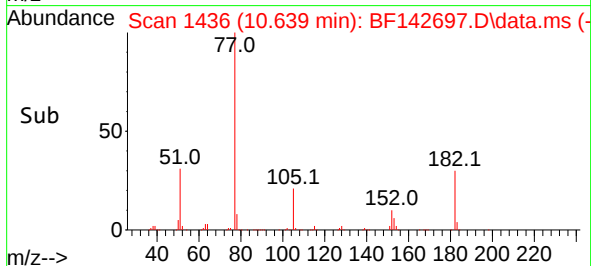
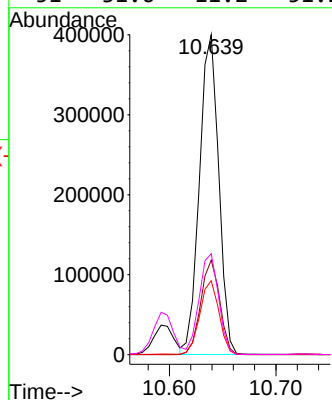
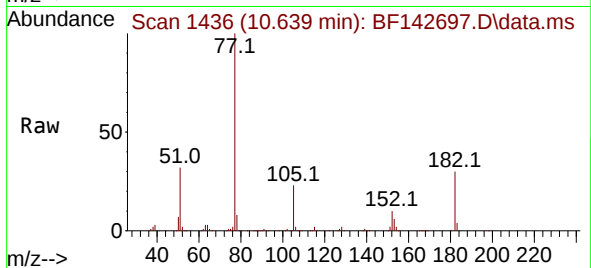




#63
Azobenzene
Concen: 43.031 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

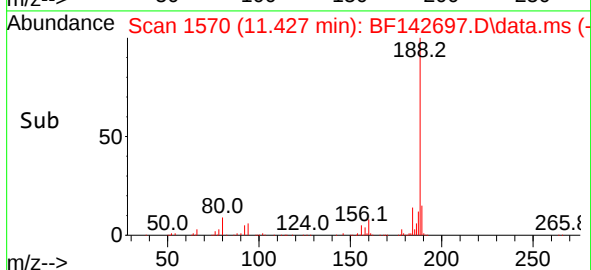
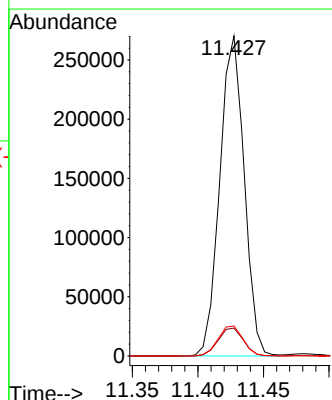
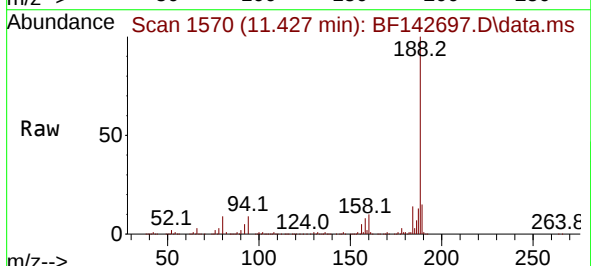
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

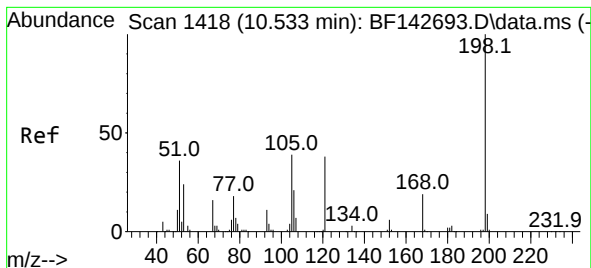
Tgt Ion: 77	Resp: 503768
Ion Ratio	Lower Upper
77 100	
182 29.6	9.5 49.5
105 23.1	2.3 42.3
51 31.6	11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:188	Resp: 349372
Ion Ratio	Lower Upper
188 100	
94 8.7	7.0 10.4
80 9.4	7.2 10.8

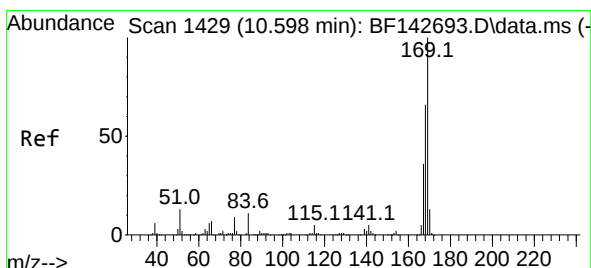
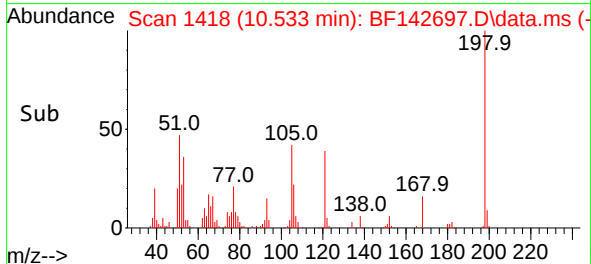
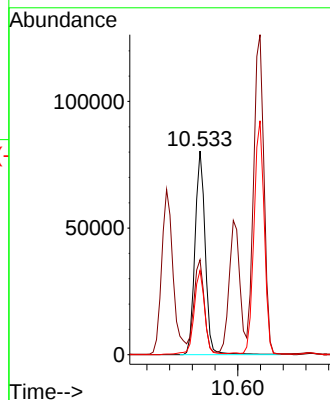
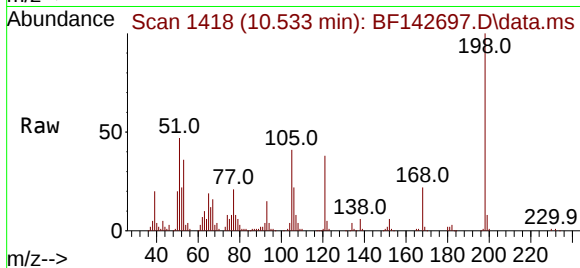




#65
4,6-Dinitro-2-methylphenol
Concen: 45.517 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

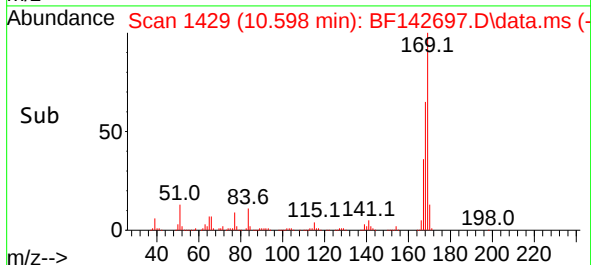
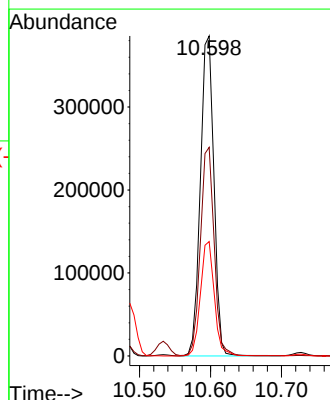
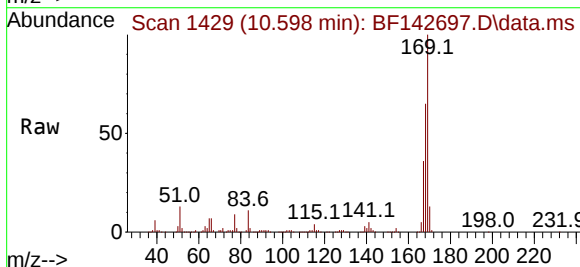
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

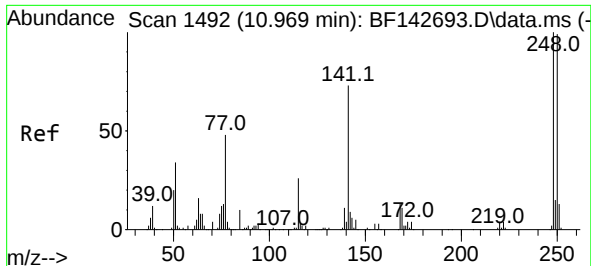
Tgt Ion:198 Resp: 101426
Ion Ratio Lower Upper
198 100
51 46.6 25.9 65.9
105 41.4 20.0 60.0



#66
n-Nitrosodiphenylamine
Concen: 45.435 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:169 Resp: 512509
Ion Ratio Lower Upper
169 100
168 65.2 53.1 79.7
167 35.7 28.4 42.6

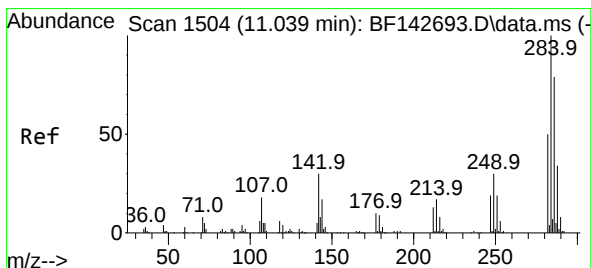
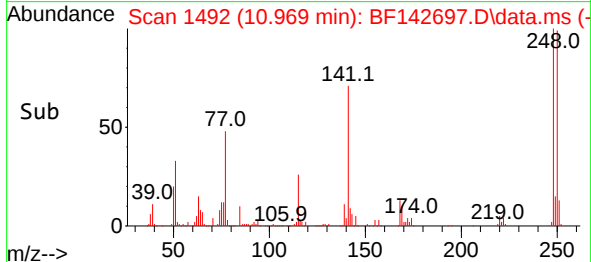
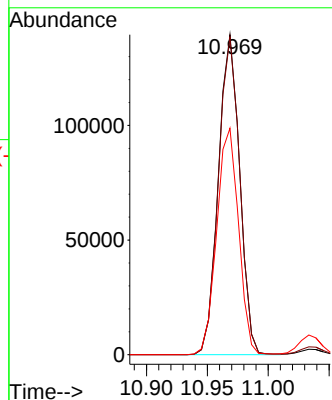
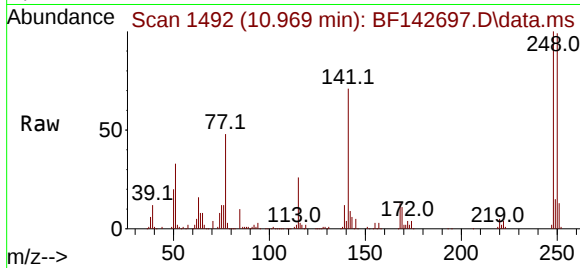




#67
4-Bromophenyl-phenylether
Concen: 44.080 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

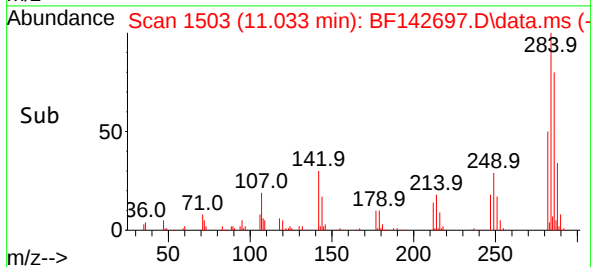
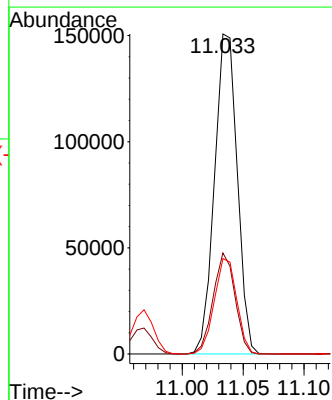
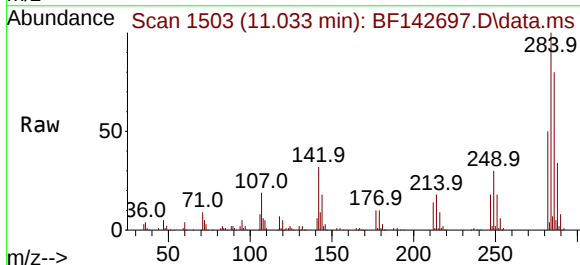
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

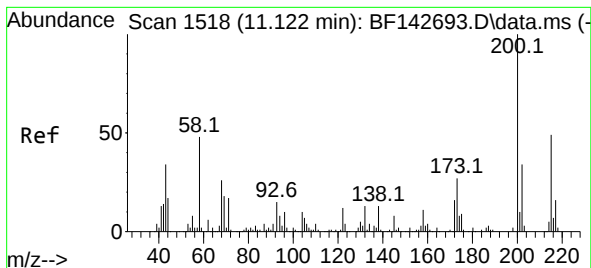
Tgt Ion:248 Resp: 170219
Ion Ratio Lower Upper
248 100
250 99.3 79.1 118.7
141 70.7 58.5 87.7



#68
Hexachlorobenzene
Concen: 44.219 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:284 Resp: 196209
Ion Ratio Lower Upper
284 100
142 31.6 23.6 35.4
249 29.8 23.8 35.8





#69

Atrazine

Concen: 45.057 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

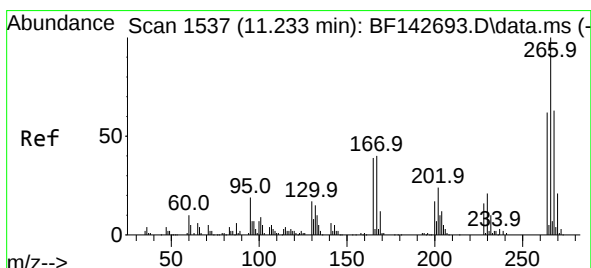
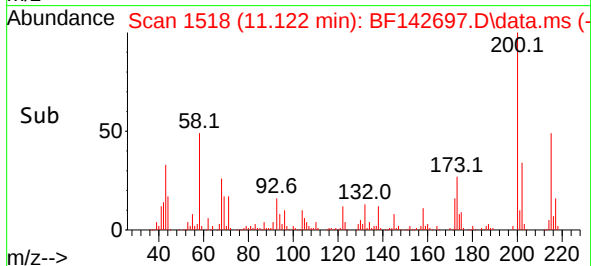
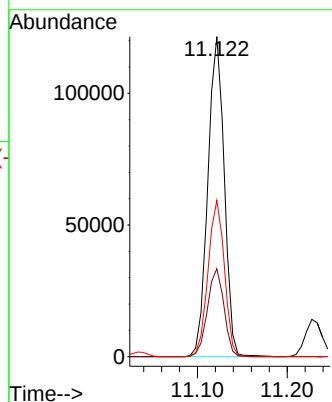
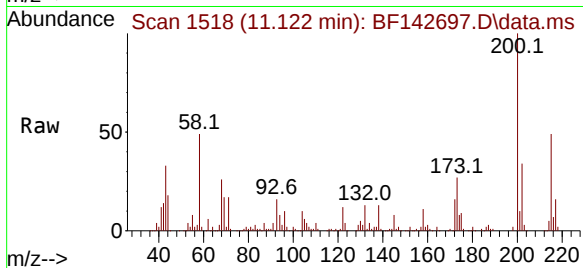
Tgt Ion:200 Resp: 154132

Ion Ratio Lower Upper

200 100

173 27.5 7.4 47.4

215 48.9 28.9 68.9



#70

Pentachlorophenol

Concen: 45.756 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

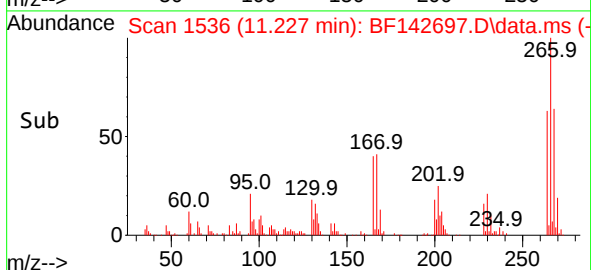
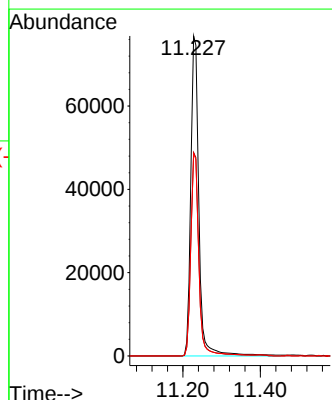
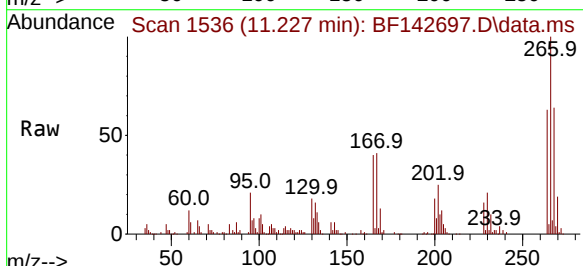
Tgt Ion:266 Resp: 111652

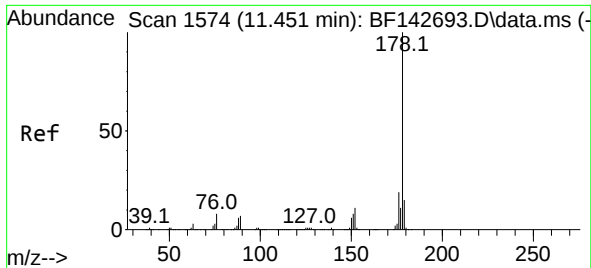
Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

264 63.4 49.7 74.5

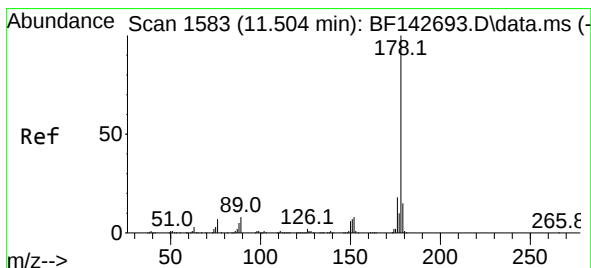
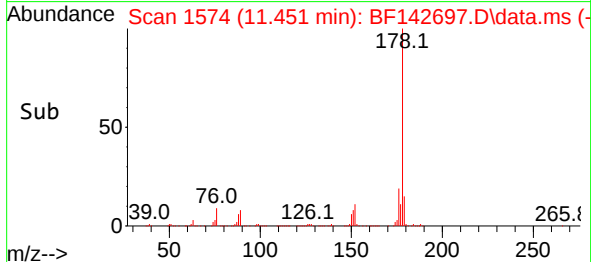
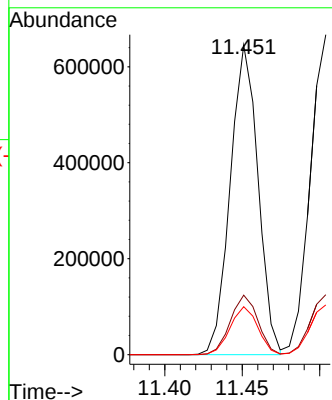
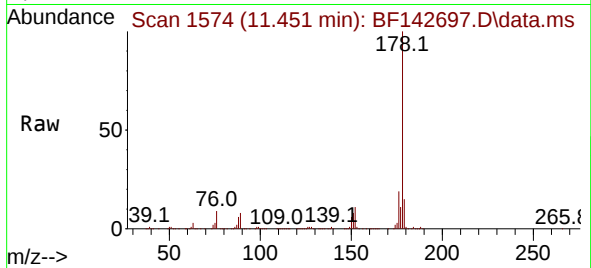




#71
Phenanthrene
Concen: 43.052 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

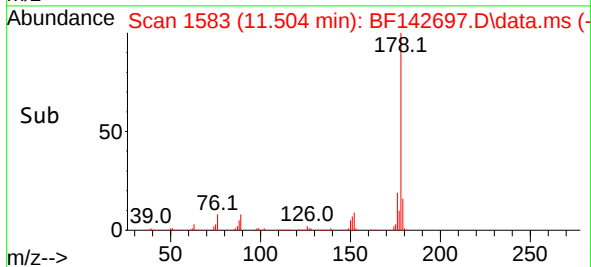
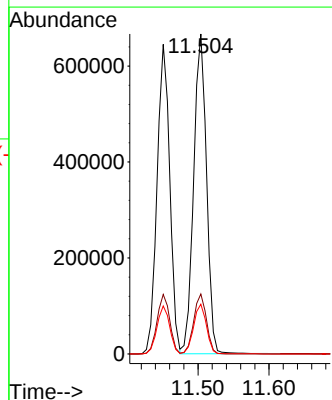
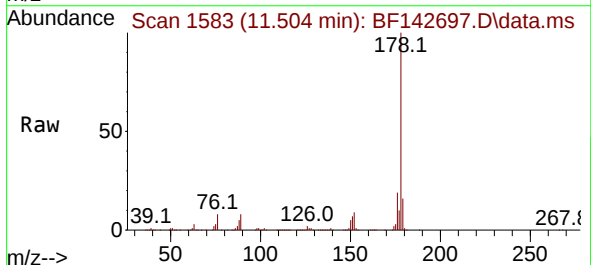
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

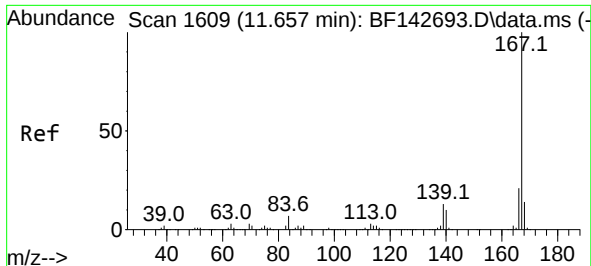
Tgt Ion:178 Resp: 804091
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.379 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:178 Resp: 840805
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.2 18.2

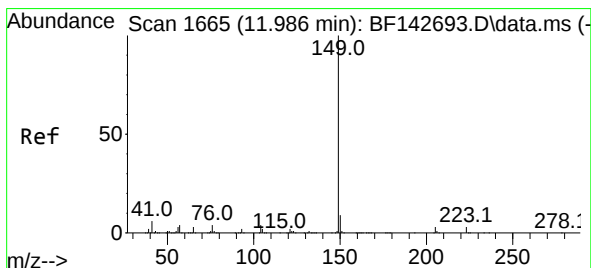
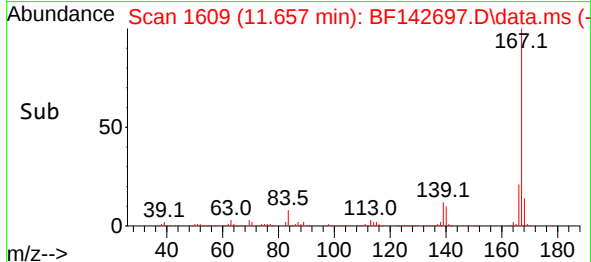
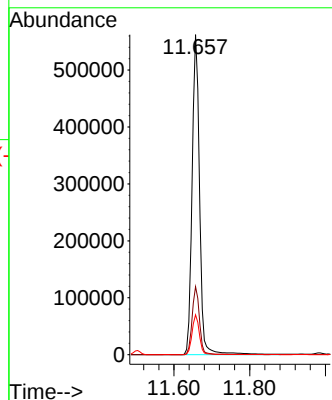
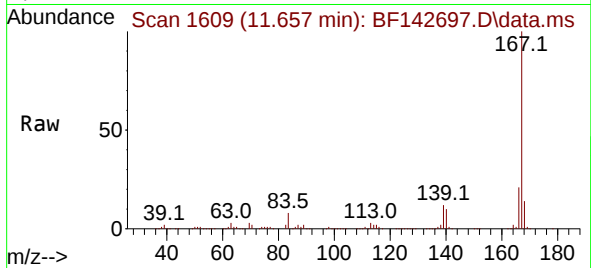




#73
 Carbazole
 Concen: 44.004 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

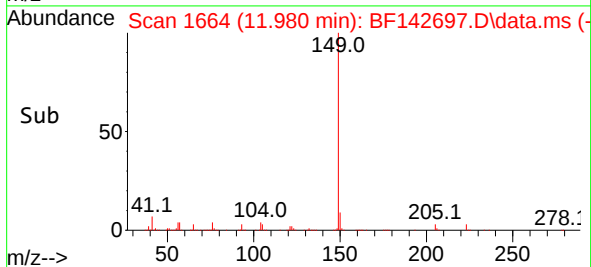
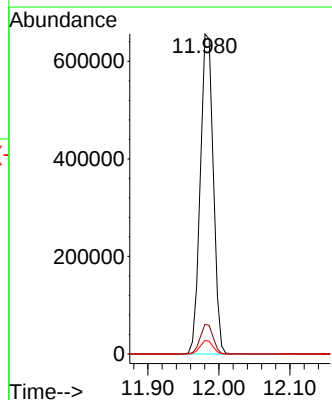
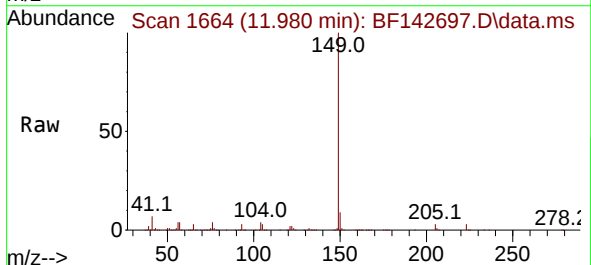
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

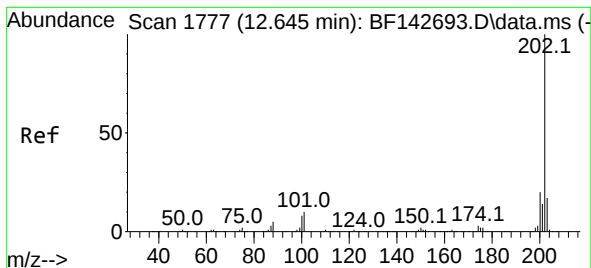
Tgt Ion:167 Resp: 768033
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 45.320 ng
 RT: 11.980 min Scan# 1664
 Delta R.T. -0.006 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

Tgt Ion:149 Resp: 839729
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 4.2 3.3 4.9





#75

Fluoranthene

Concen: 44.657 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

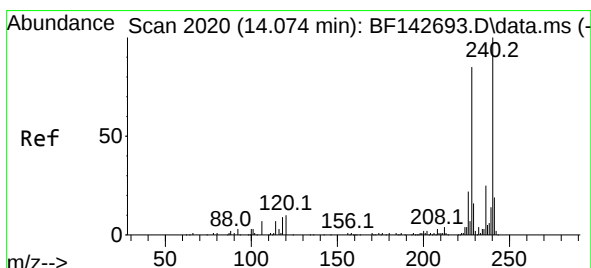
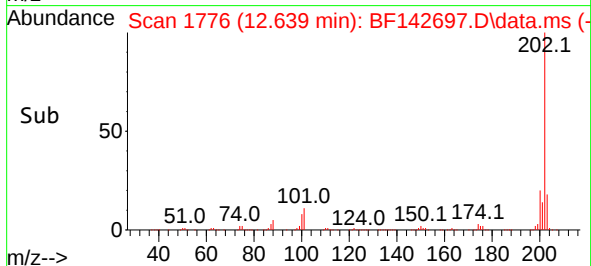
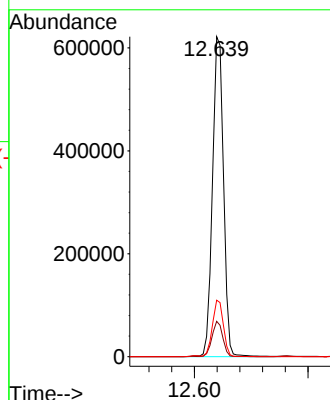
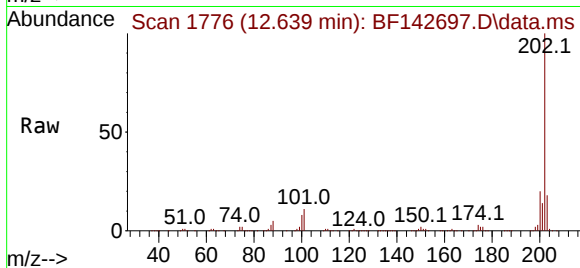
Tgt Ion:202 Resp: 835682

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.2

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

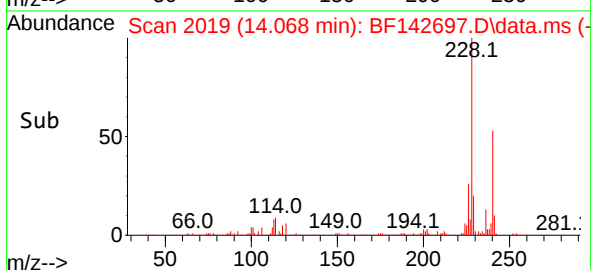
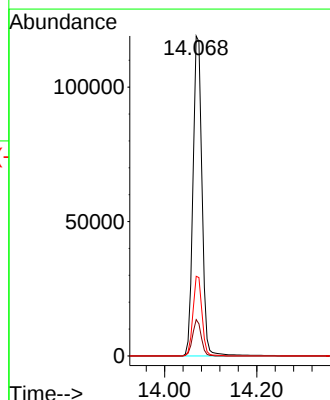
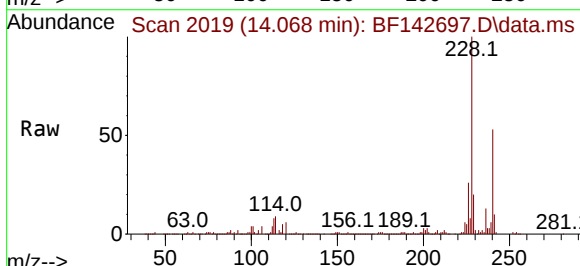
Tgt Ion:240 Resp: 161234

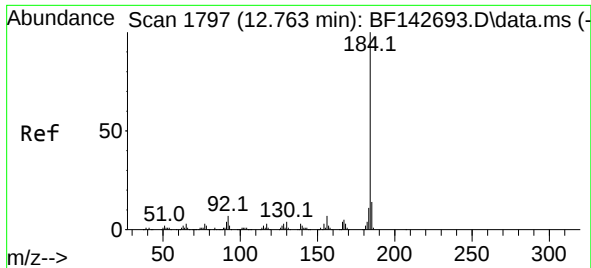
Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

236 24.9 20.2 30.2

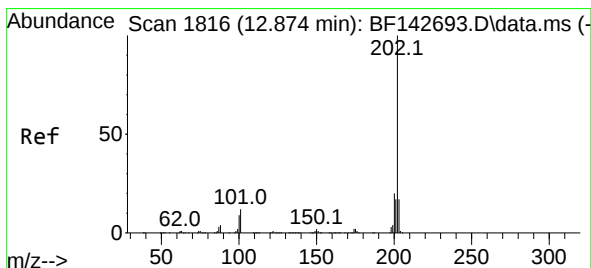
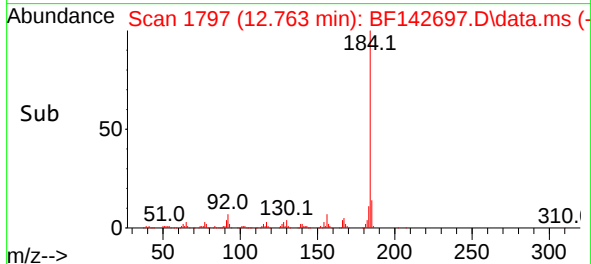
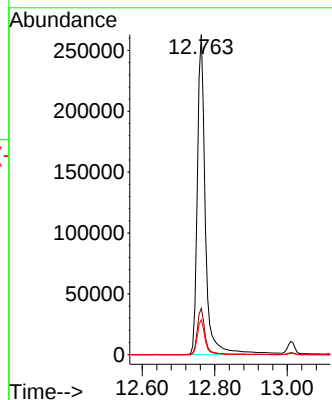
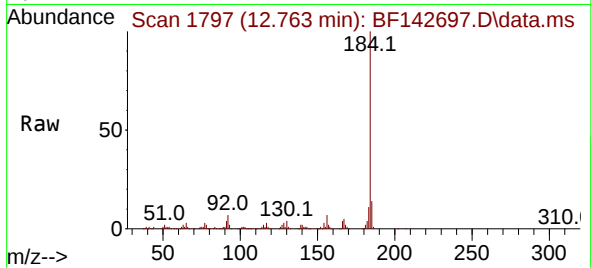




#77
Benzidine
Concen: 73.162 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

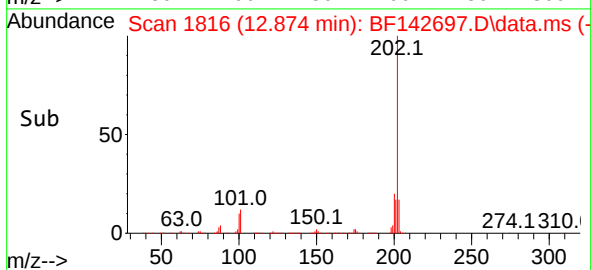
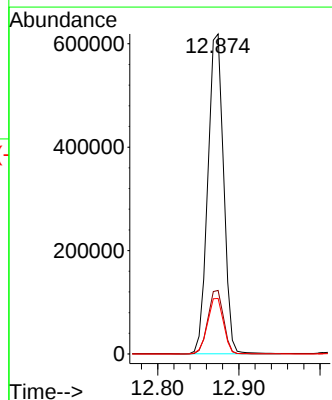
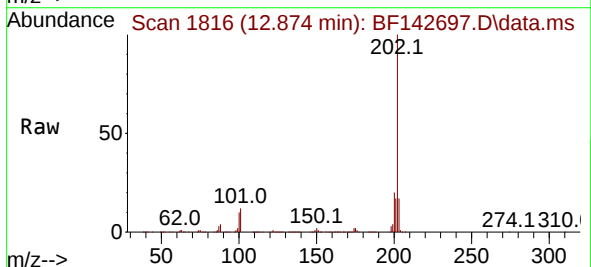
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

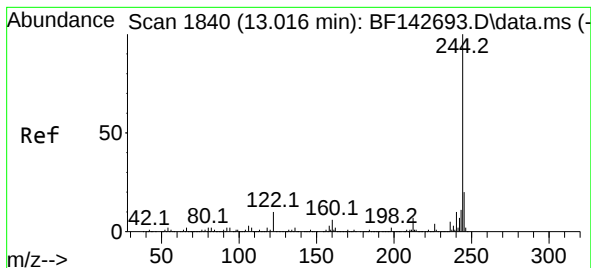
Tgt Ion:184 Resp: 407122
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.9 8.9 13.3



#78
Pyrene
Concen: 63.148 ng
RT: 12.874 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:202 Resp: 829639
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 104.174 ng

RT: 13.010 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

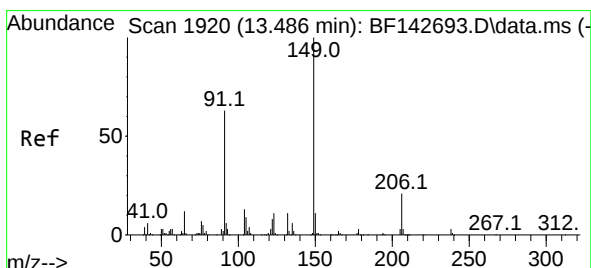
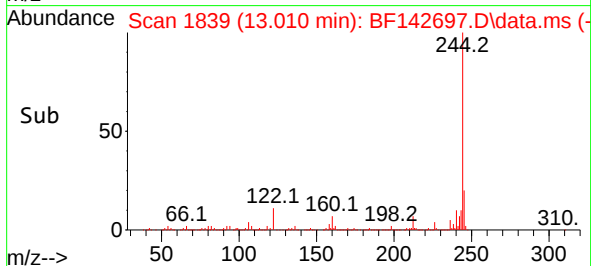
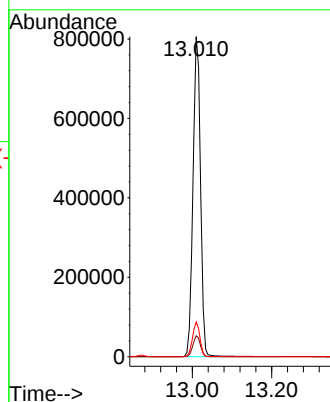
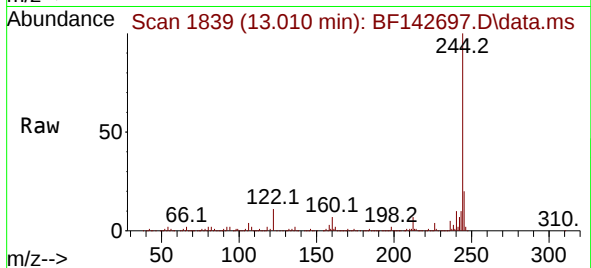
Tgt Ion:244 Resp: 1062042

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 47.386 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

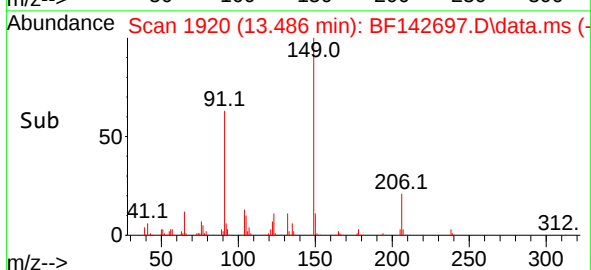
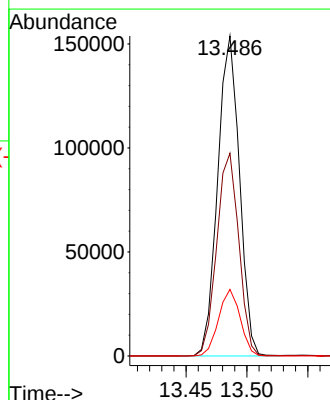
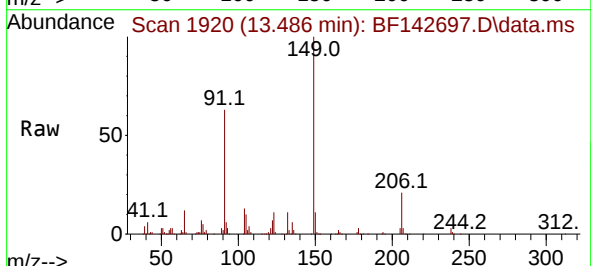
Tgt Ion:149 Resp: 191721

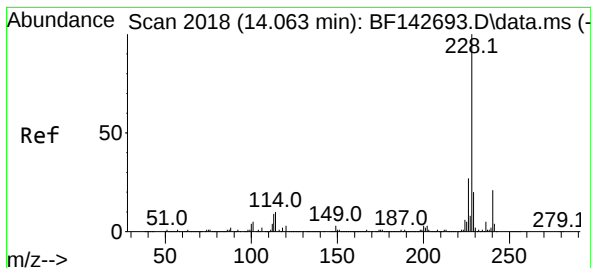
Ion Ratio Lower Upper

149 100

91 63.3 50.5 75.7

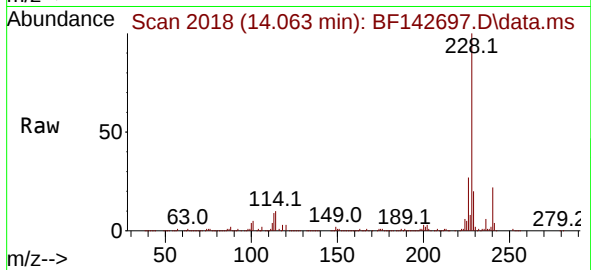
206 20.8 16.9 25.3



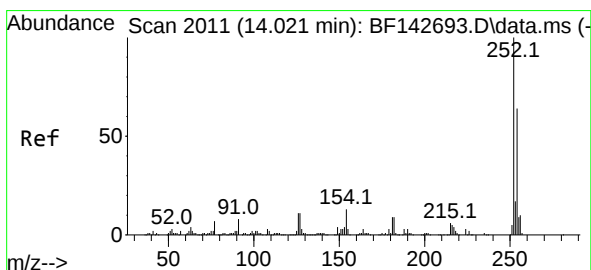
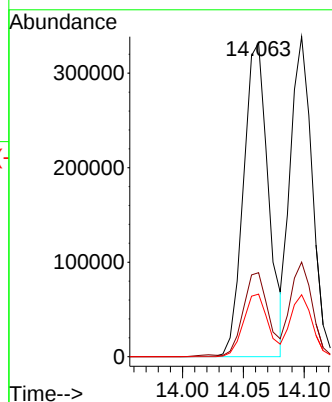
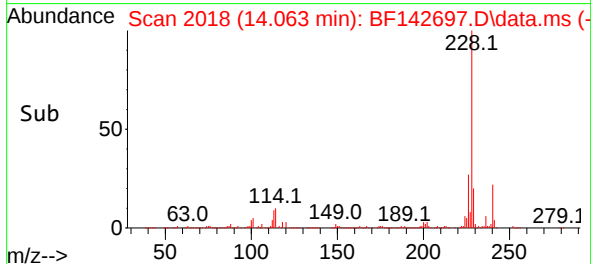


#81
Benzo(a)anthracene
Concen: 45.366 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

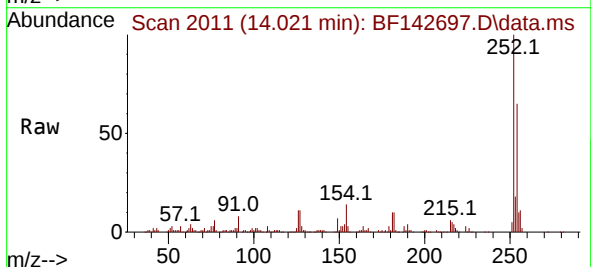
Instrument :
BNA_F
ClientSampleId :
ICVBF060925



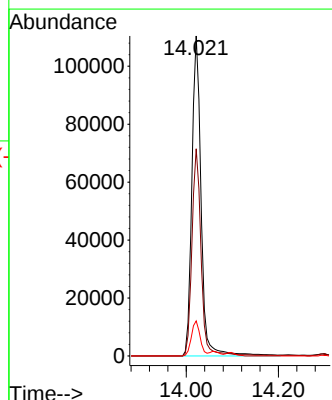
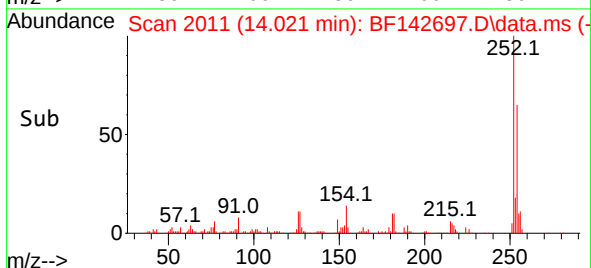
Tgt Ion:228 Resp: 474707
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.9 15.8 23.6

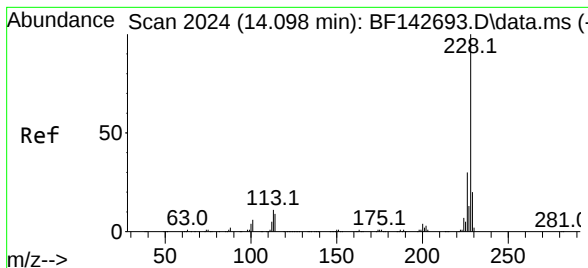


#82
3,3'-Dichlorobenzidine
Concen: 45.978 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01



Tgt Ion:252 Resp: 153787
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 10.9 9.1 13.7





#83

Chrysene

Concen: 43.798 ng

RT: 14.098 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

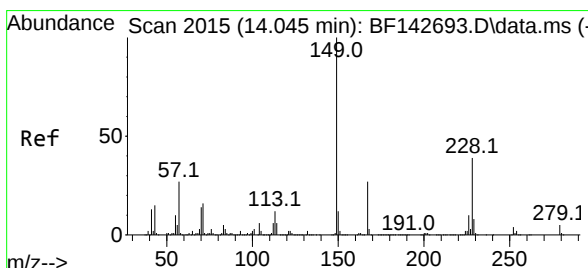
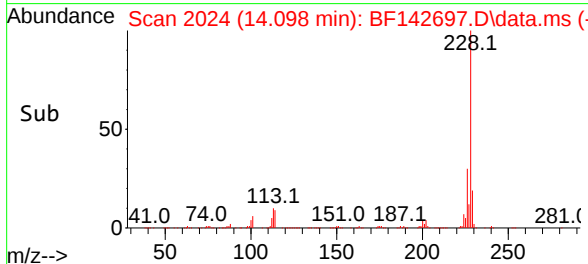
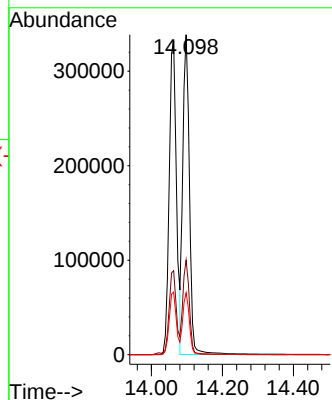
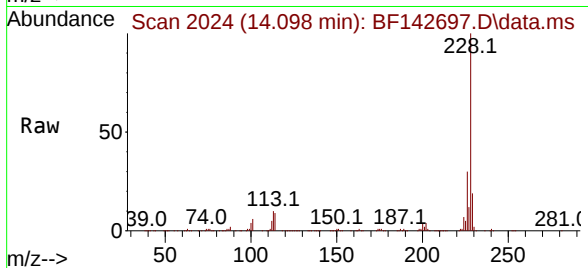
Tgt Ion:228 Resp: 434091

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.764 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

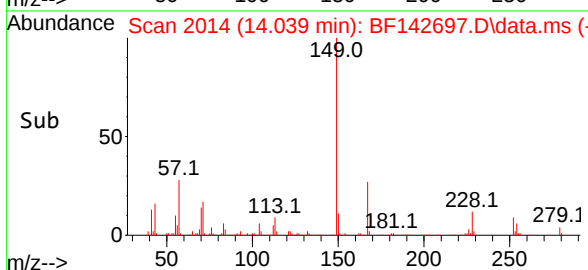
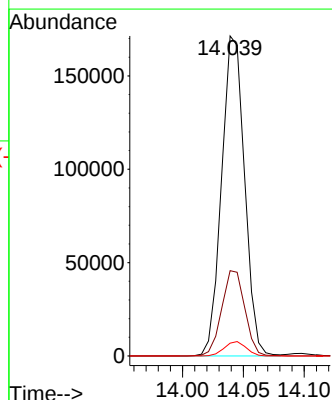
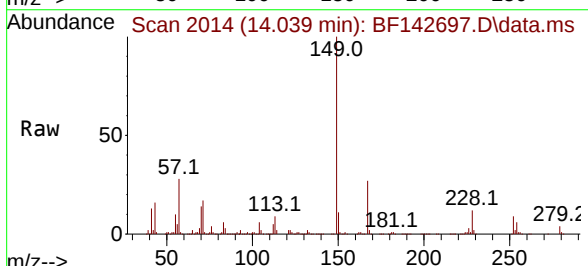
Tgt Ion:149 Resp: 225256

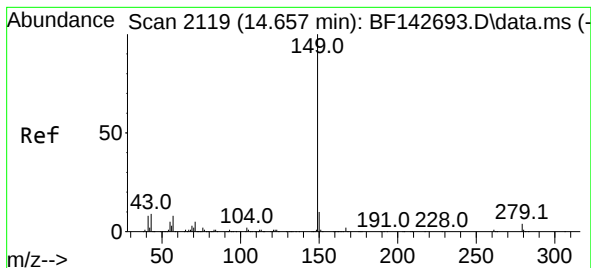
Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.072 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

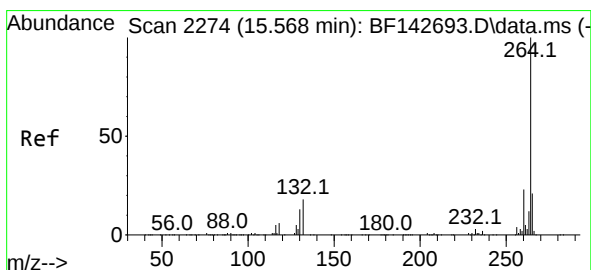
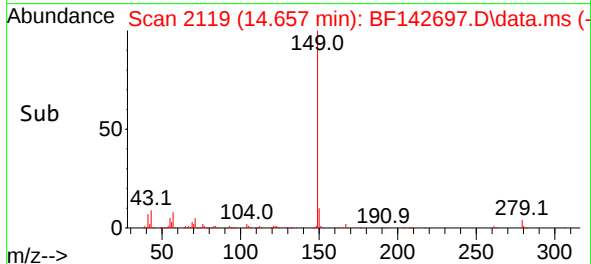
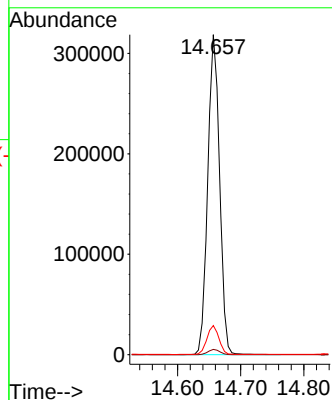
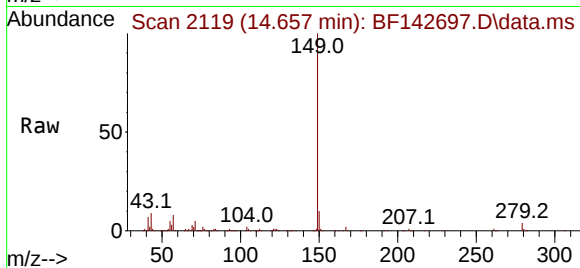
Tgt Ion:149 Resp: 413914

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:01

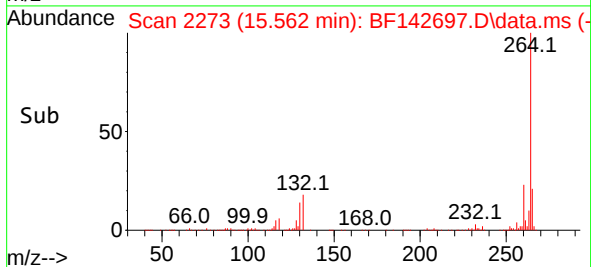
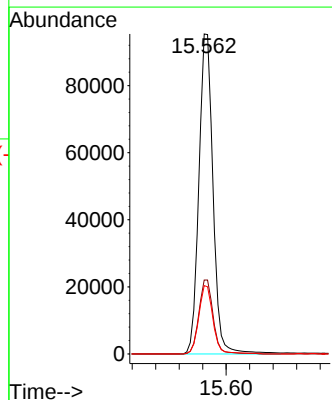
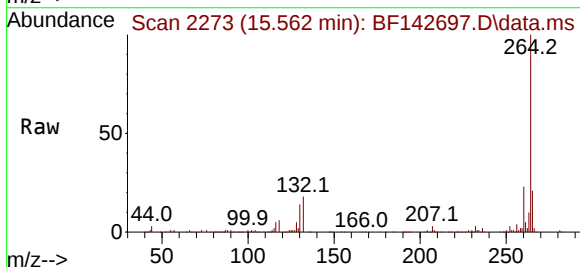
Tgt Ion:264 Resp: 159602

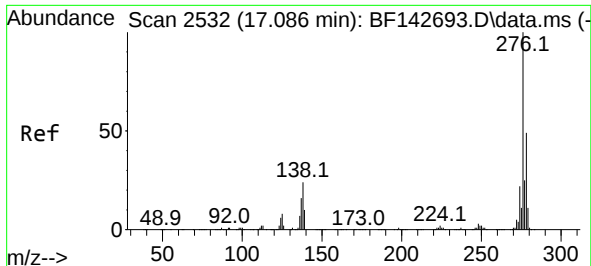
Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.4 17.0 25.4

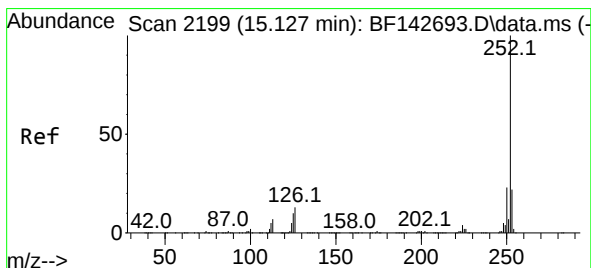
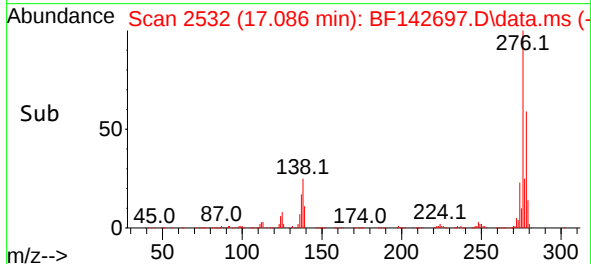
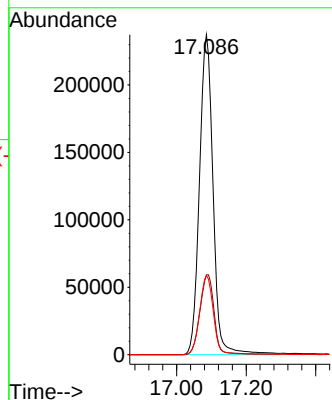
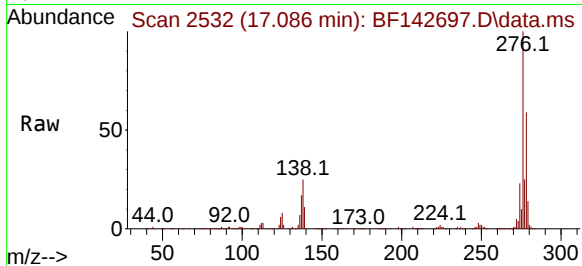




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 57.088 ng
 RT: 17.086 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

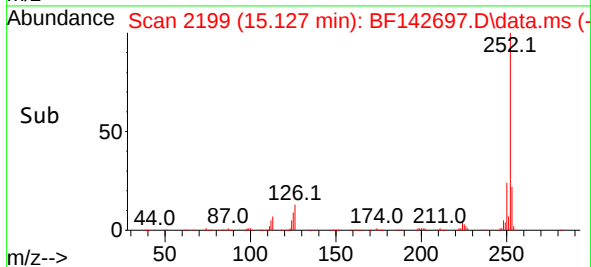
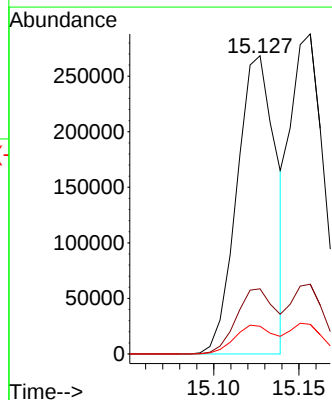
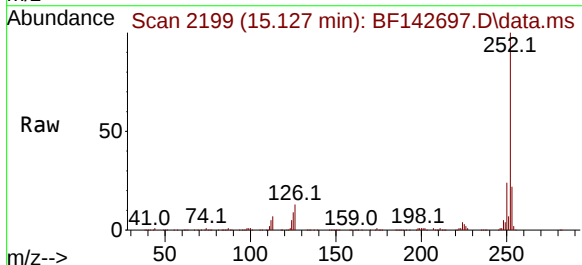
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

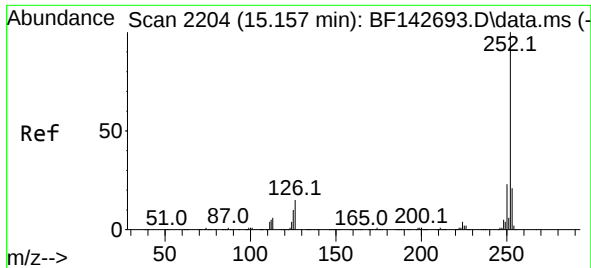
Tgt Ion:276 Resp: 644507
 Ion Ratio Lower Upper
 276 100
 138 26.2 20.8 31.2
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.768 ng
 RT: 15.127 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:01

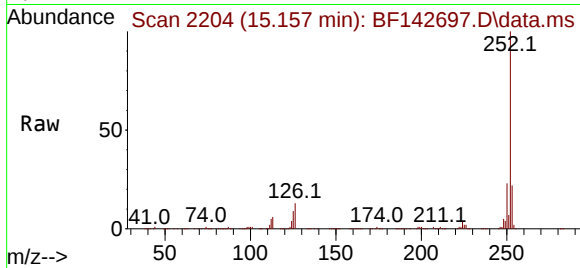
Tgt Ion:252 Resp: 426879
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 9.3 7.8 11.8



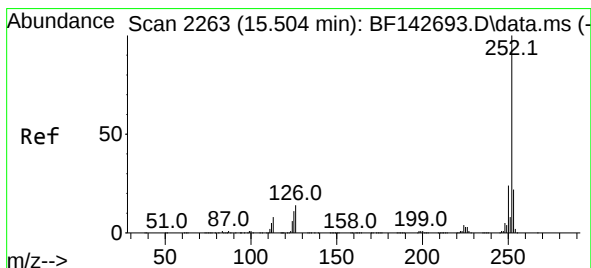
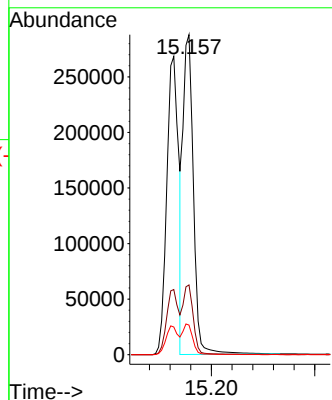
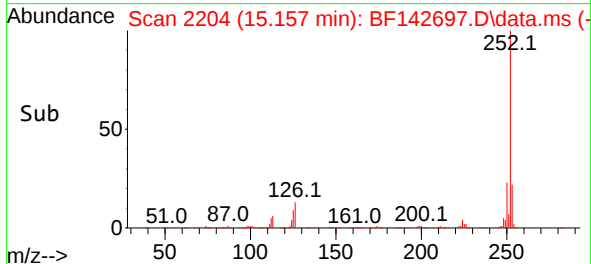


#89
Benzo(k)fluoranthene
Concen: 45.070 ng
RT: 15.157 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

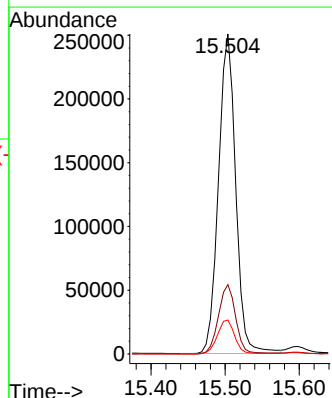
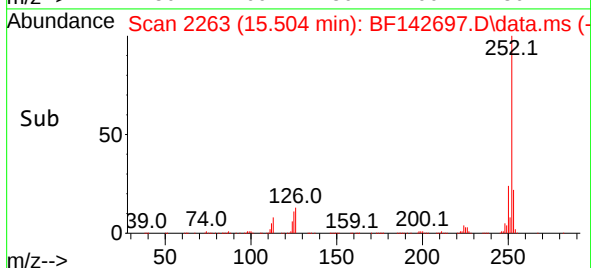
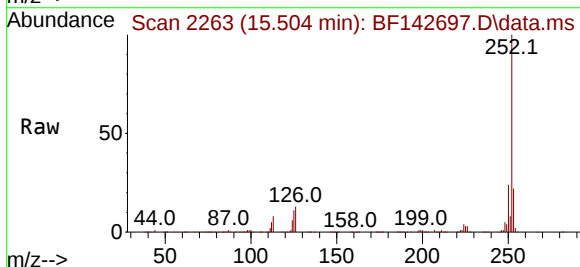


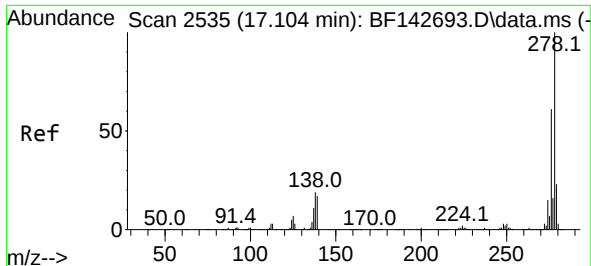
Tgt Ion:252 Resp: 404406
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 45.276 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:252 Resp: 404557
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.6 8.8 13.2

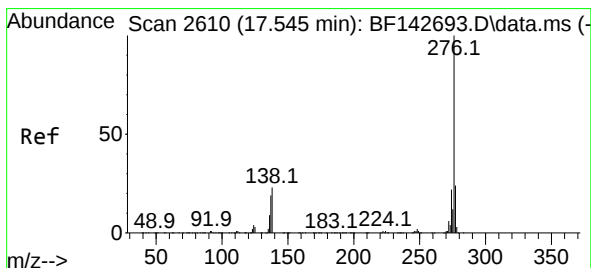
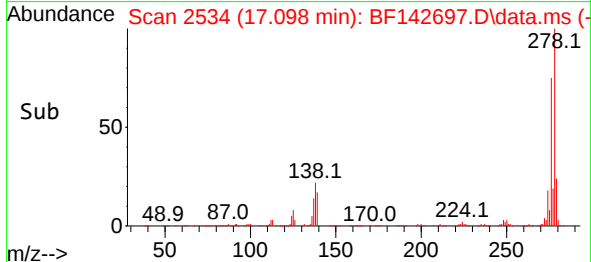
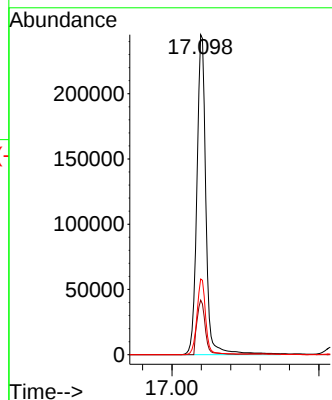
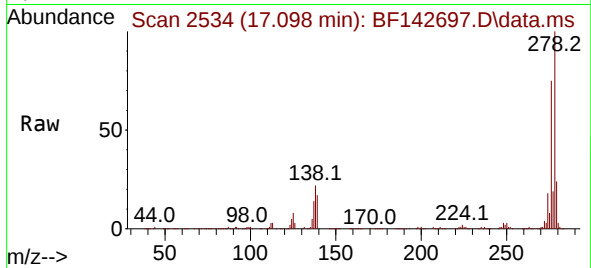




#91
Dibenzo(a,h)anthracene
Concen: 57.848 ng
RT: 17.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion:278 Resp: 525731
Ion Ratio Lower Upper
278 100
139 17.0 13.4 20.0
279 23.6 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 55.951 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:01

Tgt Ion:276 Resp: 526550
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.5 18.2 27.2

