

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
 Data File : BF142697.D
 Acq On : 09 Jun 2025 17:30
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

Quant Time: Jun 09 17:49:57 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	6.893	152	84299	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	319266	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	194584	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	385810	20.000	ng	0.00
76) Chrysene-d12	14.069	240	221007	20.000	ng	0.00
86) Perylene-d12	15.563	264	176509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	395149	79.591	ng	0.00
7) Phenol-d6	6.522	99	465383	79.932	ng	0.00
23) Nitrobenzene-d5	7.463	82	456568	78.591	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	192045	87.845	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1012025	71.127	ng	0.00
79) Terphenyl-d14	13.010	244	1177445	84.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	79990	42.075	ng	99
3) Pyridine	3.446	79	203629	41.529	ng	100
4) n-Nitrosodimethylamine	3.405	42	99035	41.498	ng	98
6) Aniline	6.557	93	314253	40.202	ng	99
8) 2-Chlorophenol	6.681	128	213711	39.454	ng	98
9) Benzaldehyde	6.446	77	137872	42.005	ng	99
10) Phenol	6.540	94	263664	40.441	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	184610	38.868	ng	100
12) 1,3-Dichlorobenzene	6.834	146	237367	39.129	ng	100
13) 1,4-Dichlorobenzene	6.910	146	242456	39.089	ng	98
14) 1,2-Dichlorobenzene	7.063	146	230922	39.046	ng	98
15) Benzyl Alcohol	7.034	79	170205	39.965	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	292640	37.837	ng	99
17) 2-Methylphenol	7.146	107	164693	39.651	ng	98
18) Hexachloroethane	7.410	117	86059	40.386	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	136020	39.854	ng	99
20) 3+4-Methylphenols	7.298	107	203265	39.736	ng	98
22) Acetophenone	7.304	105	270439	38.750	ng	100
24) Nitrobenzene	7.481	77	205623	39.247	ng	98
25) Isophorone	7.716	82	366928	38.930	ng	100
26) 2-Nitrophenol	7.793	139	116979	40.477	ng	96
27) 2,4-Dimethylphenol	7.828	122	194119	39.523	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	227954	38.561	ng	99
29) 2,4-Dichlorophenol	8.040	162	178767	39.730	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	194821	39.694	ng	99
31) Naphthalene	8.204	128	616558	39.190	ng	100
32) Benzoic acid	7.940	122	115551	38.754	ng	99
33) 4-Chloroaniline	8.251	127	255687	39.531	ng	99
34) Hexachlorobutadiene	8.316	225	119427	39.509	ng	98
35) Caprolactam	8.622	113	54368	39.339	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	186512	40.185	ng	99
37) 2-Methylnaphthalene	8.892	142	395696	39.972	ng	100
38) 1-Methylnaphthalene	8.992	142	410403	40.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	202480	36.007	ng	99
41) Hexachlorocyclopentadiene	9.045	237	125104	37.884	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	136237	36.923	ng	98

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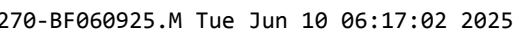
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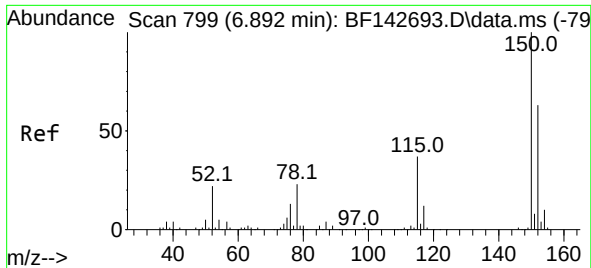
Quant Time: Jun 09 17:49:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 17:10:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	139977	35.518	ng	99
46) 1,1'-Biphenyl	9.357	154	544487	35.985	ng	100
47) 2-Chloronaphthalene	9.387	162	411042	36.257	ng	99
48) 2-Nitroaniline	9.475	65	124520	36.910	ng	95
49) Acenaphthylene	9.798	152	722161	38.434	ng	100
50) Dimethylphthalate	9.657	163	475263	36.302	ng	100
51) 2,6-Dinitrotoluene	9.722	165	107757	38.049	ng	99
52) Acenaphthene	9.975	154	461682	40.166	ng	99
53) 3-Nitroaniline	9.892	138	125514	39.443	ng	99
54) 2,4-Dinitrophenol	9.998	184	66147	42.186	ng	99
55) Dibenzofuran	10.145	168	731172	44.341	ng	99
56) 4-Nitrophenol	10.045	139	94338	43.130	ng	96
57) 2,4-Dinitrotoluene	10.122	165	171158	45.087	ng	99
58) Fluorene	10.486	166	568156	43.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	152908	46.107	ng	100
60) Diethylphthalate	10.357	149	547465	43.074	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	272933	43.799	ng	99
62) 4-Nitroaniline	10.504	138	135800	44.986	ng	99
63) Azobenzene	10.639	77	497629	43.709	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	98873	40.181	ng	99
66) n-Nitrosodiphenylamine	10.598	169	495379	39.768	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	168258	39.457	ng	99
68) Hexachlorobenzene	11.034	284	188424	38.454	ng	98
69) Atrazine	11.122	200	145590	38.540	ng	100
70) Pentachlorophenol	11.228	266	106526	39.532	ng	99
71) Phenanthrene	11.451	178	794668	38.529	ng	100
72) Anthracene	11.504	178	815309	38.091	ng	100
73) Carbazole	11.657	167	732650	38.013	ng	100
74) Di-n-butylphthalate	11.980	149	797398	38.971	ng	100
75) Fluoranthene	12.639	202	799546	38.690	ng	99
77) Benzidine	12.763	184	370858	48.621	ng	100
78) Pyrene	12.869	202	788543	43.787	ng	100
80) Butylbenzylphthalate	13.486	149	224998	40.571	ng	99
81) Benzo(a)anthracene	14.063	228	578210	40.313	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	182938	39.901	ng	99
83) Chrysene	14.098	228	503279	37.045	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	264417	41.760	ng	99
85) Di-n-octyl phthalate	14.657	149	485987	39.464	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	611767	48.998	ng	99
88) Benzo(b)fluoranthene	15.121	252	447796	42.464	ng	99
89) Benzo(k)fluoranthene	15.157	252	404568	40.769	ng	99
90) Benzo(a)pyrene	15.504	252	387327	39.196	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	500646	49.811	ng	99
92) Benzo(g,h,i)perylene	17.545	276	499240	47.968	ng	100

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

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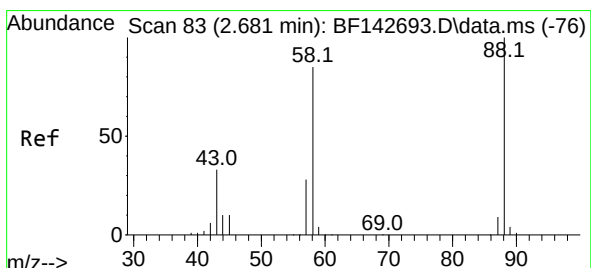
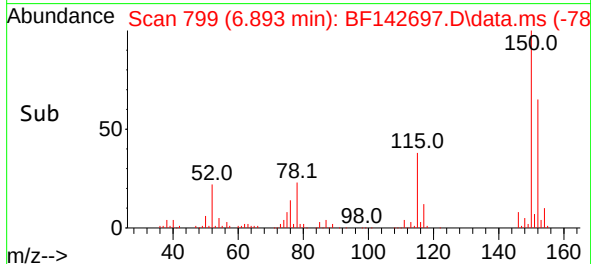
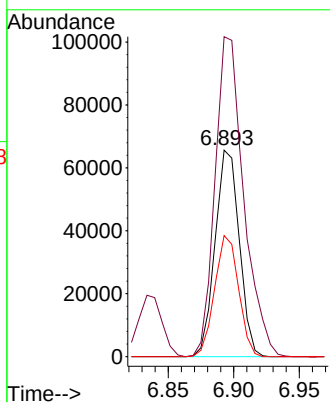
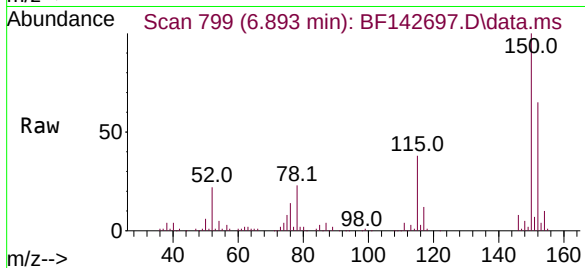




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

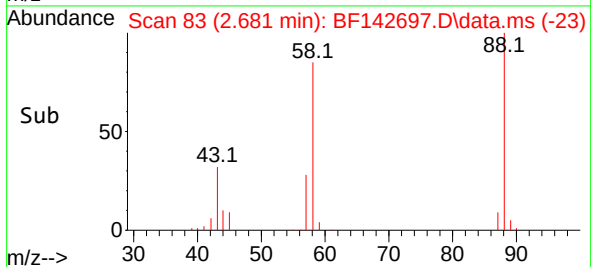
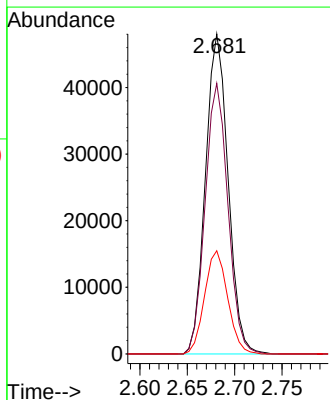
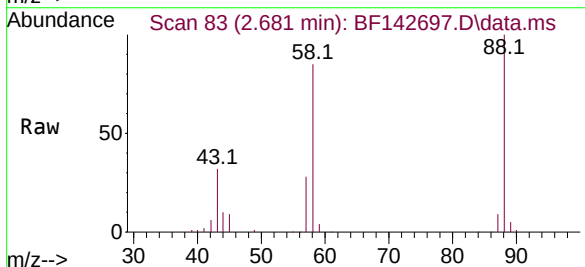
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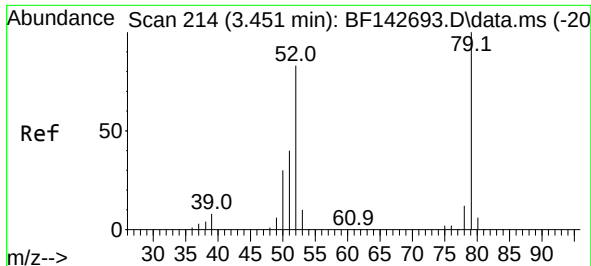
Tgt Ion:152 Resp: 84299
Ion Ratio Lower Upper
152 100
150 154.9 126.8 190.2
115 58.6 46.8 70.2



#2
1,4-Dioxane
Concen: 42.075 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion: 88 Resp: 79990
Ion Ratio Lower Upper
88 100
58 85.1 69.2 103.8
43 32.9 26.3 39.5

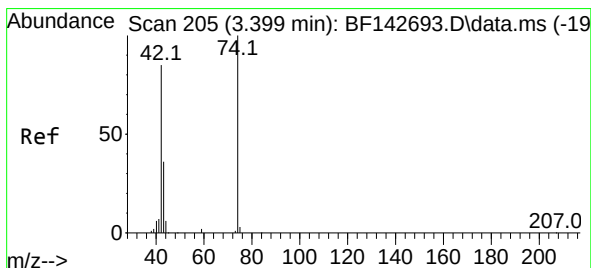
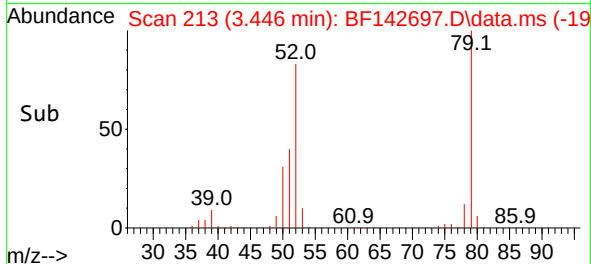
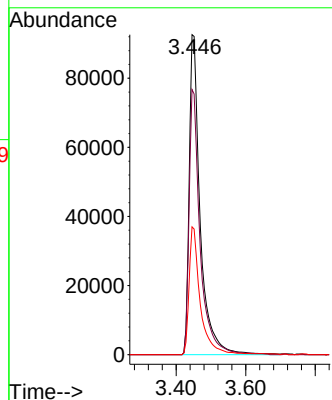
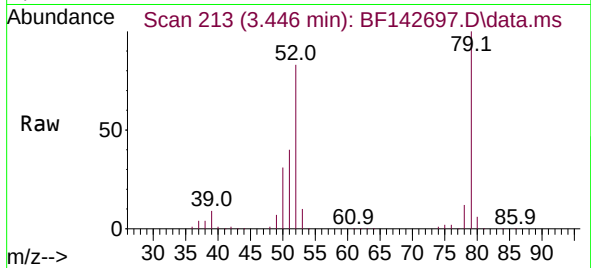




#3
 Pyridine
 Concen: 41.529 ng
 RT: 3.446 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

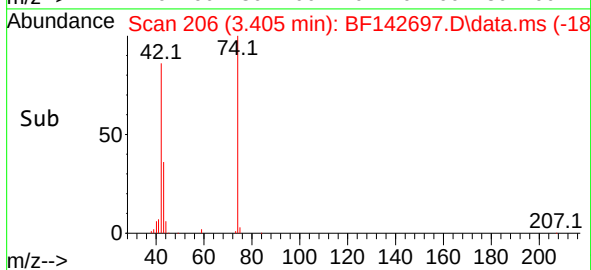
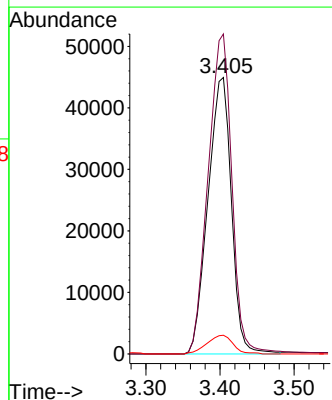
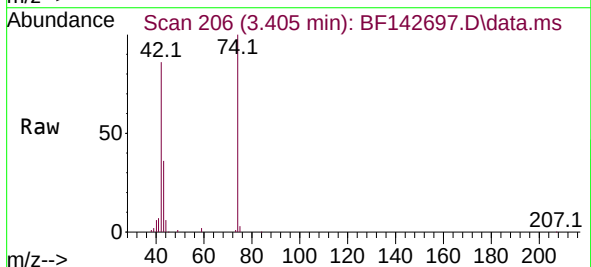
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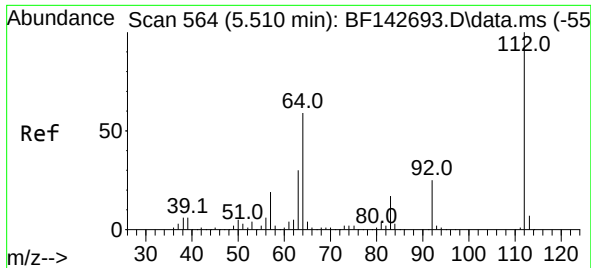
Tgt Ion: 79 Resp: 203629
 Ion Ratio Lower Upper
 79 100
 52 82.8 66.6 99.8
 51 39.9 31.7 47.5



#4
 n-Nitrosodimethylamine
 Concen: 41.498 ng
 RT: 3.405 min Scan# 206
 Delta R.T. 0.006 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

Tgt Ion: 42 Resp: 99035
 Ion Ratio Lower Upper
 42 100
 74 115.8 94.5 141.7
 44 6.7 5.6 8.4

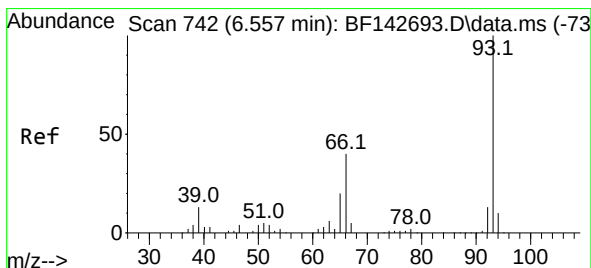
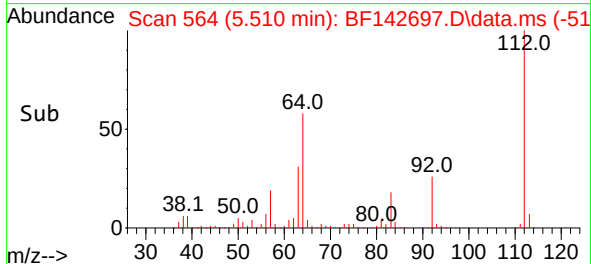
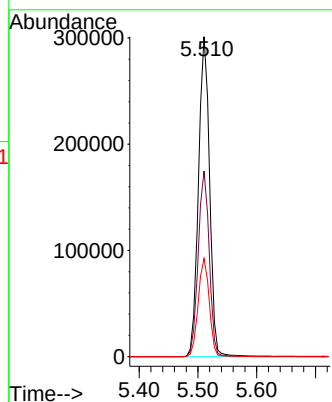
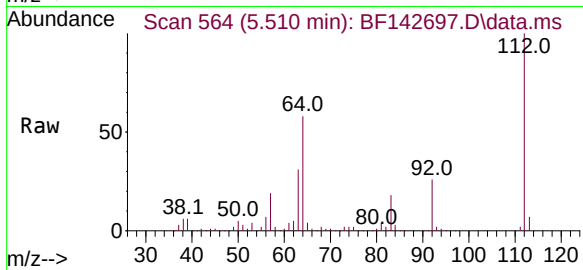




#5
2-Fluorophenol
Concen: 79.591 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

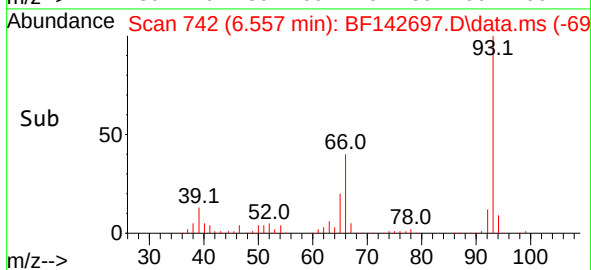
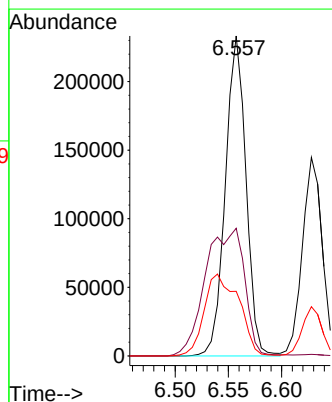
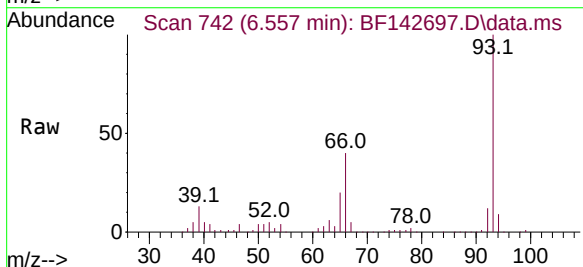
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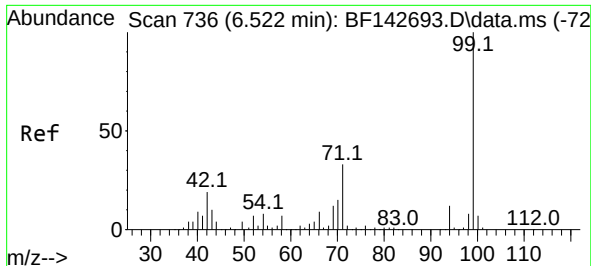
Tgt Ion:112 Resp: 395149
Ion Ratio Lower Upper
112 100
64 58.0 46.9 70.3
63 30.7 24.3 36.5



#6
Aniline
Concen: 40.202 ng
RT: 6.557 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion: 93 Resp: 314253
Ion Ratio Lower Upper
93 100
66 39.9 32.8 49.2
65 20.2 16.4 24.6

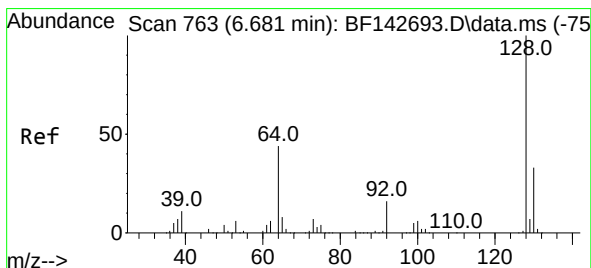
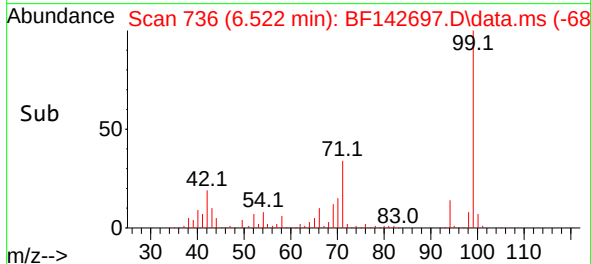
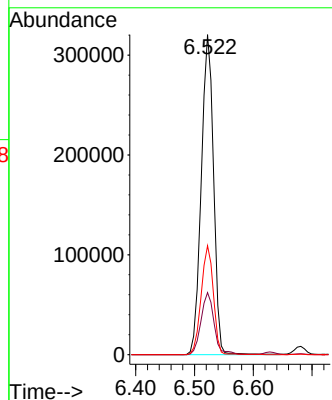
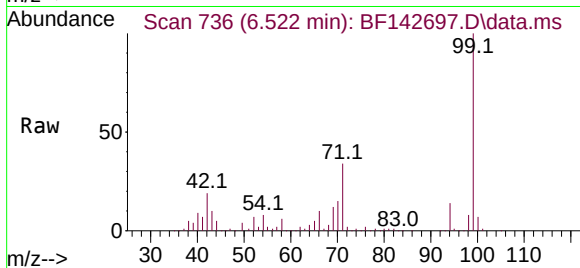




#7
Phenol-d6
Concen: 79.932 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

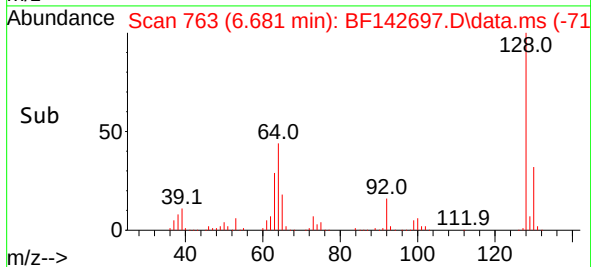
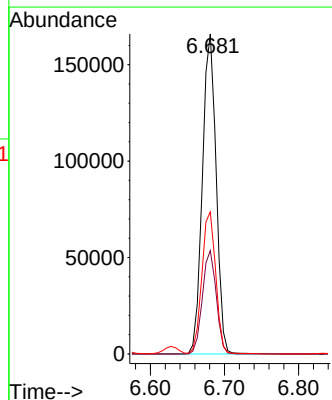
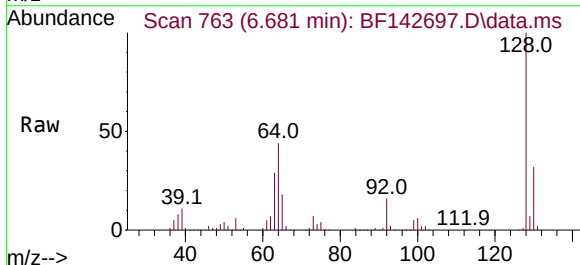
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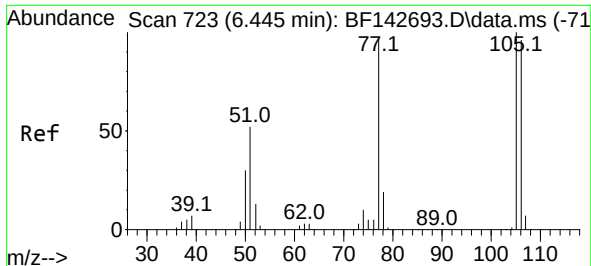
Tgt Ion: 99 Resp: 465383
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 34.0 26.3 39.5



#8
2-Chlorophenol
Concen: 39.454 ng
RT: 6.681 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion: 128 Resp: 213711
Ion Ratio Lower Upper
128 100
130 32.3 13.3 53.3
64 44.4 25.4 65.4

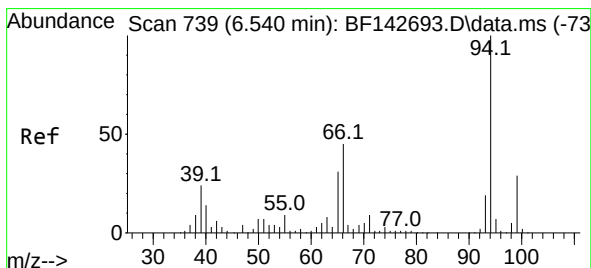
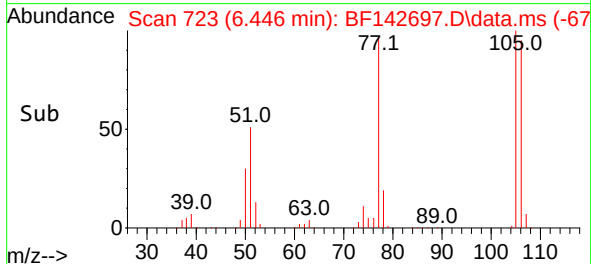
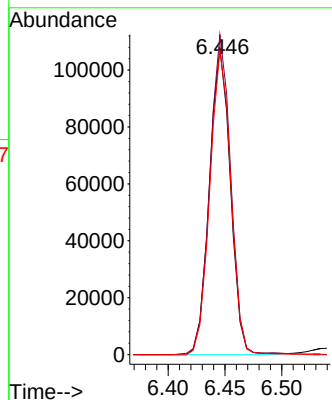
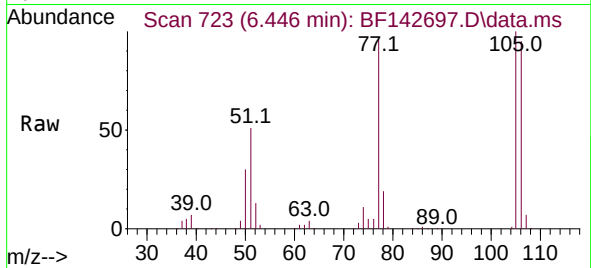




#9
Benzaldehyde
Concen: 42.005 ng
RT: 6.446 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

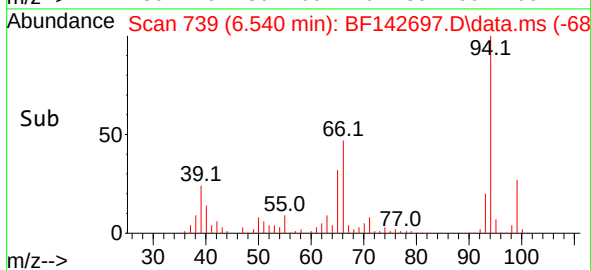
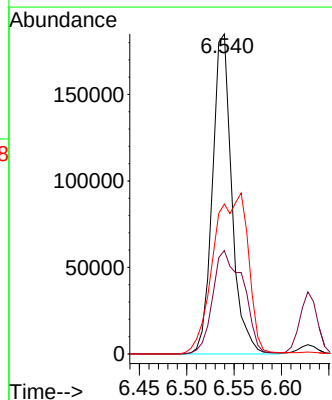
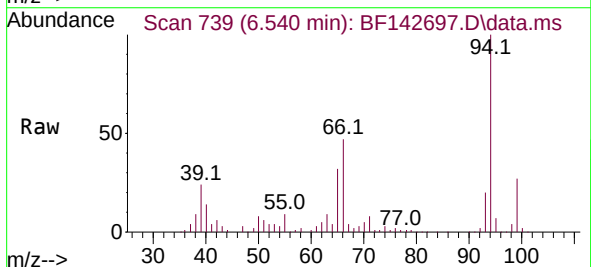
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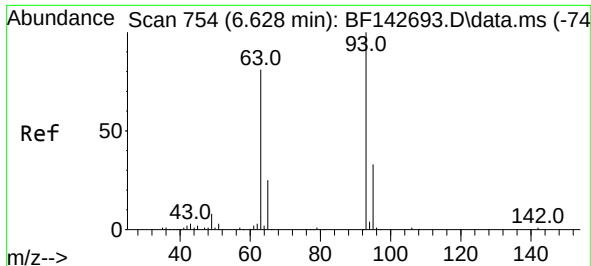
Tgt Ion:	77	Resp:	137872
Ion	Ratio	Lower	Upper
77	100		
105	104.2	83.2	123.2
106	99.1	78.7	118.7



#10
Phenol
Concen: 40.441 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142697.D
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Tgt Ion:	94	Resp:	263664
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.0	51.0
66	46.8	24.9	64.9





#11

bis(2-Chloroethyl)ether

Concen: 38.868 ng

RT: 6.628 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

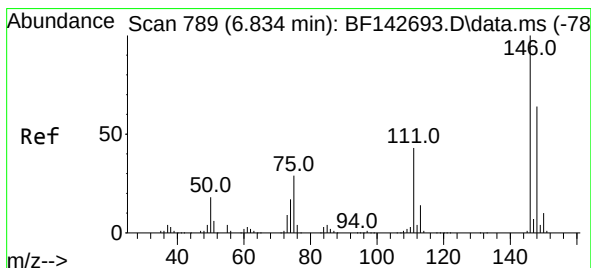
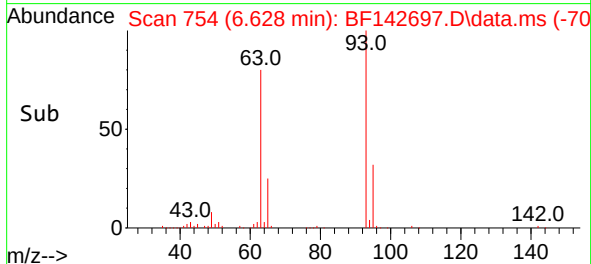
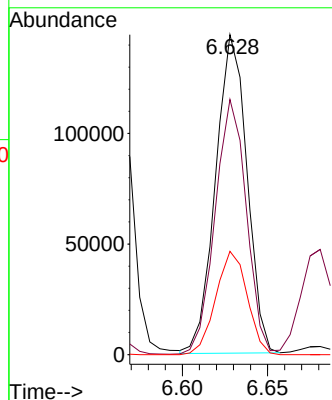
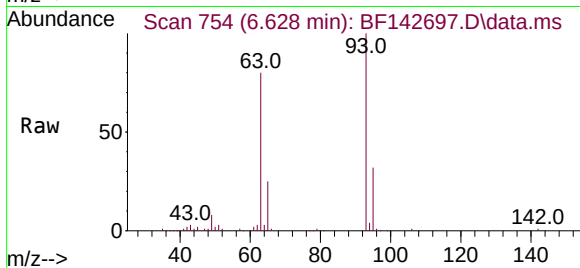
Tgt Ion: 93 Resp: 184610

Ion Ratio Lower Upper

93 100

63 79.7 60.0 100.0

95 32.3 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 39.129 ng

RT: 6.834 min Scan# 789

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

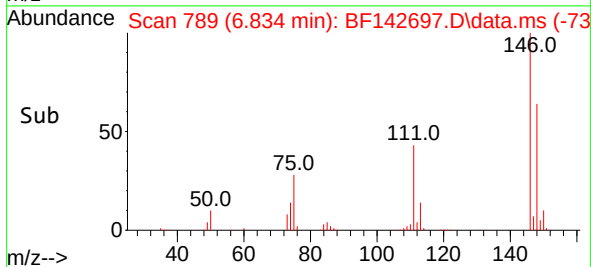
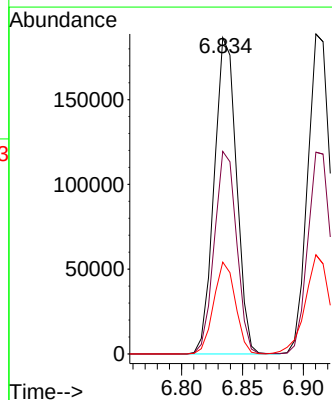
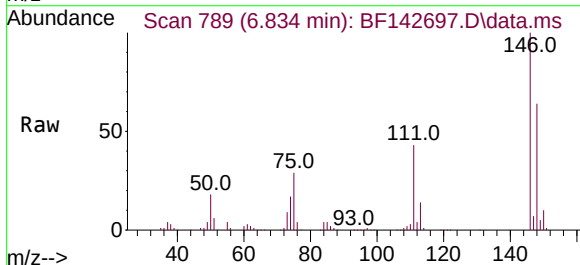
Tgt Ion:146 Resp: 237367

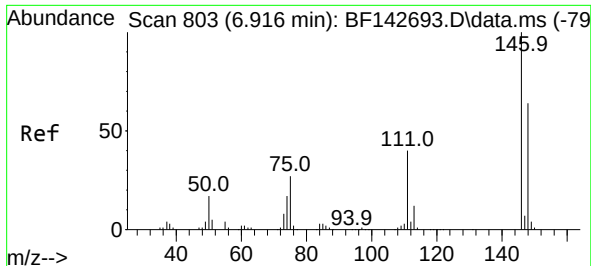
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

75 29.0 23.1 34.7

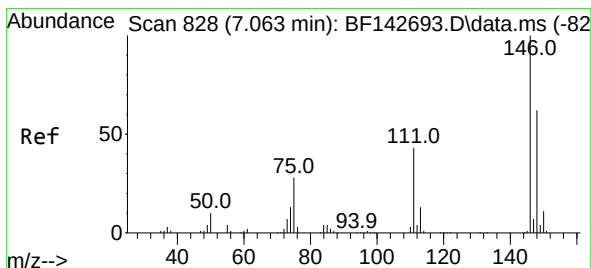
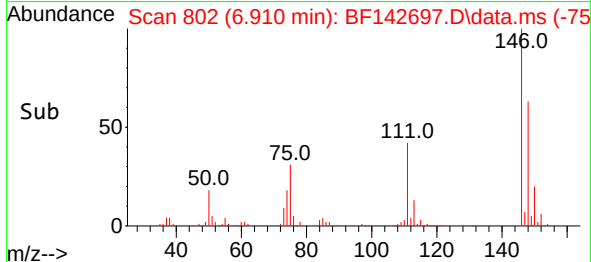
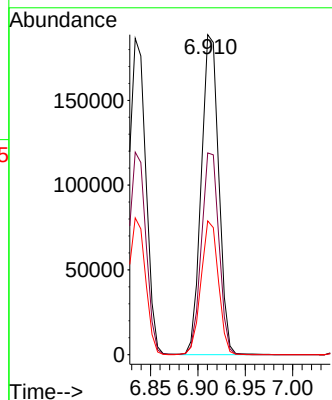
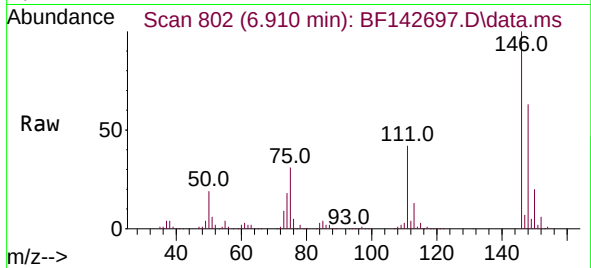




#13
1,4-Dichlorobenzene
Concen: 39.089 ng
RT: 6.910 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

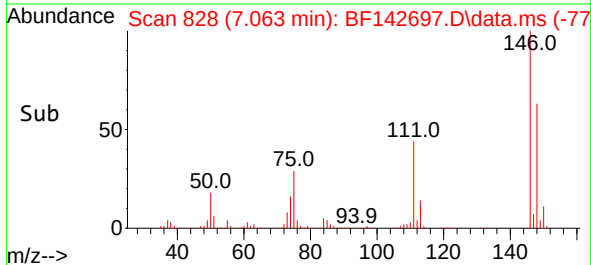
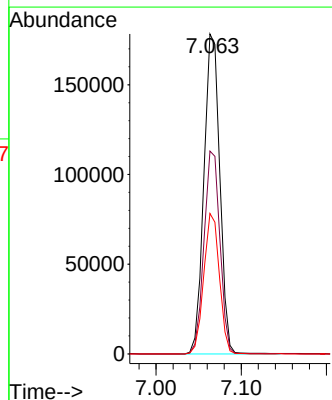
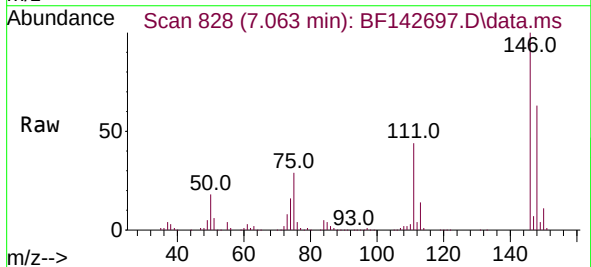
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

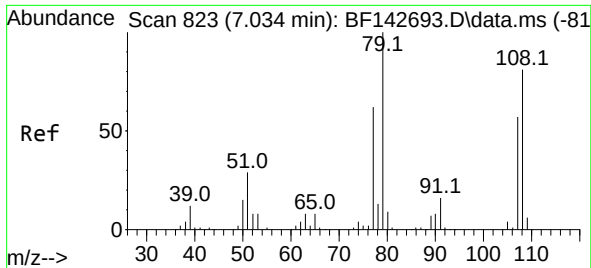
Tgt Ion:146 Resp: 242456
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 41.8 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 39.046 ng
RT: 7.063 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:146 Resp: 230922
Ion Ratio Lower Upper
146 100
148 63.4 49.3 73.9
111 43.9 34.1 51.1

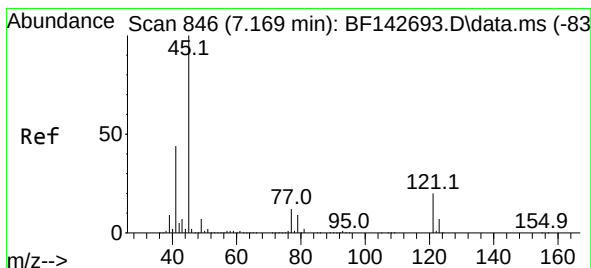
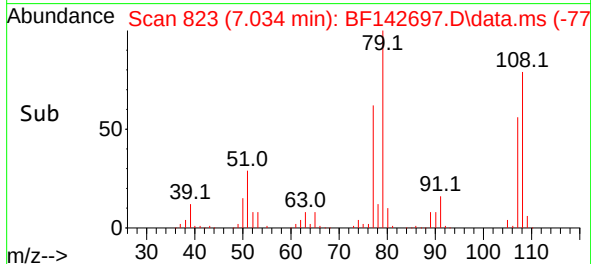
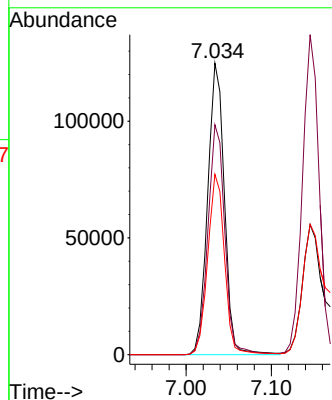
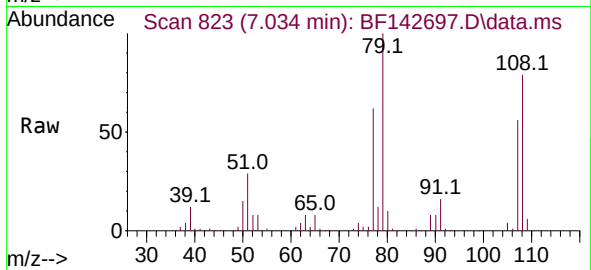




#15
Benzyl Alcohol
Concen: 39.965 ng
RT: 7.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

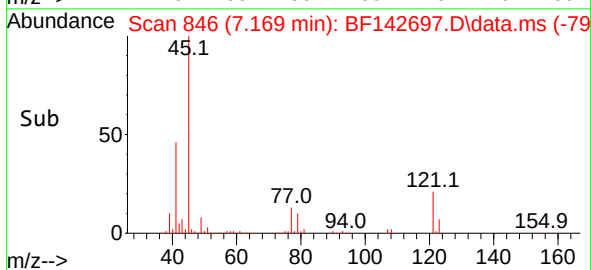
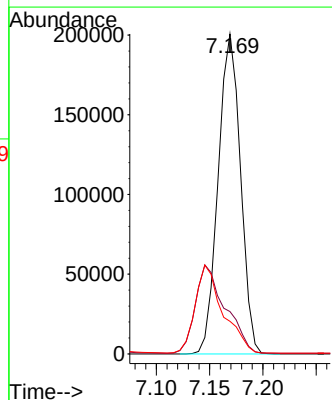
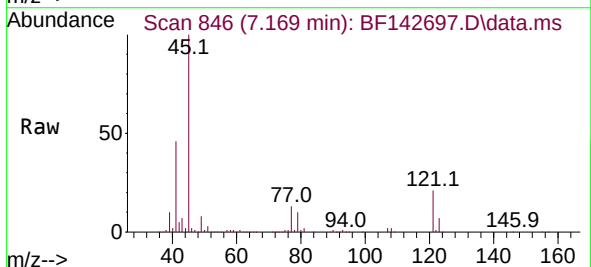
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

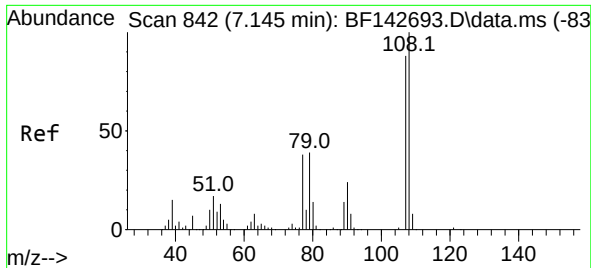
Tgt Ion: 79 Resp: 170205
Ion Ratio Lower Upper
79 100
108 78.9 64.8 97.2
77 61.8 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.837 ng
RT: 7.169 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion: 45 Resp: 292640
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.8
79 10.2 0.0 30.3

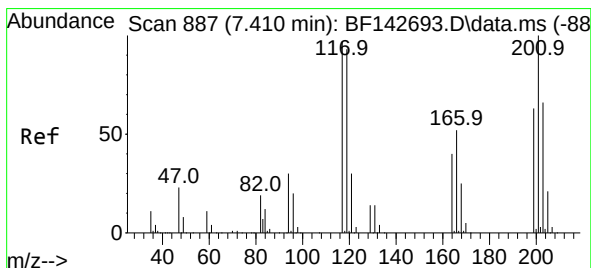
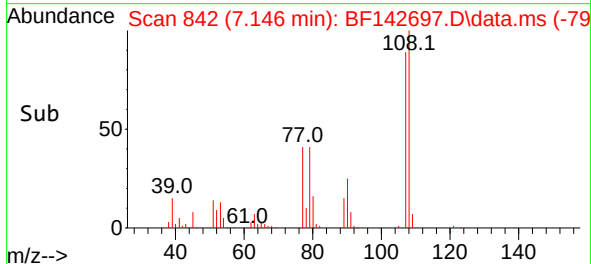
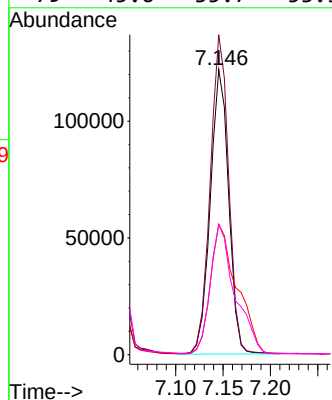
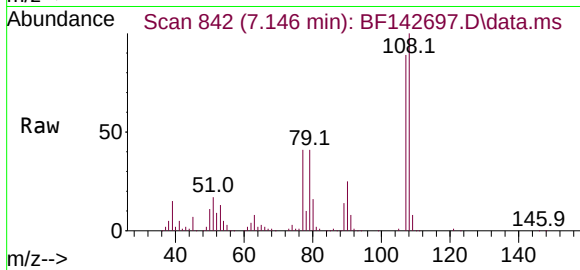




#17
2-Methylphenol
Concen: 39.651 ng
RT: 7.146 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

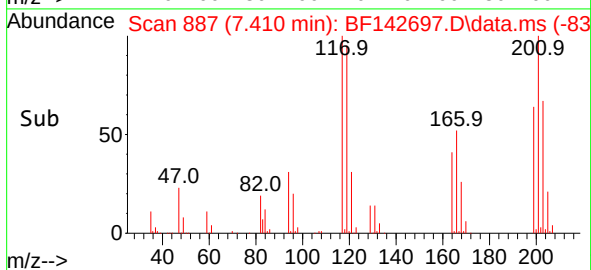
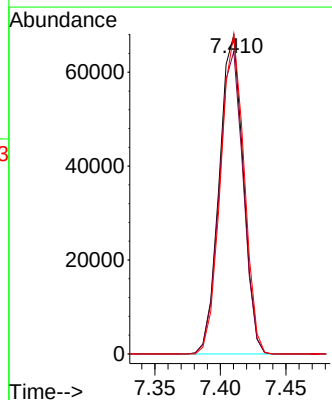
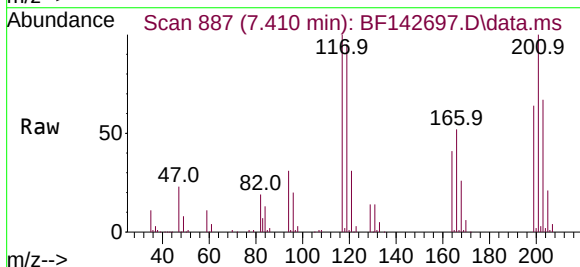
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

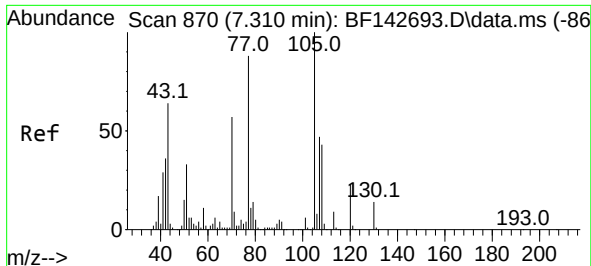
Tgt Ion:	107	Resp:	164693
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.0	136.4
77	45.7	34.9	52.3
79	45.6	35.7	53.5



#18
Hexachloroethane
Concen: 40.386 ng
RT: 7.410 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:	117	Resp:	86059
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.1	115.7
201	100.4	82.6	123.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.854 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF142697.D

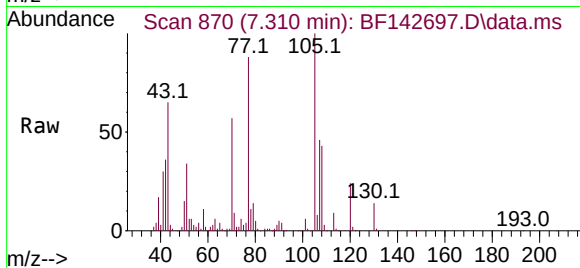
Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925



Tgt Ion: 70 Resp: 136020

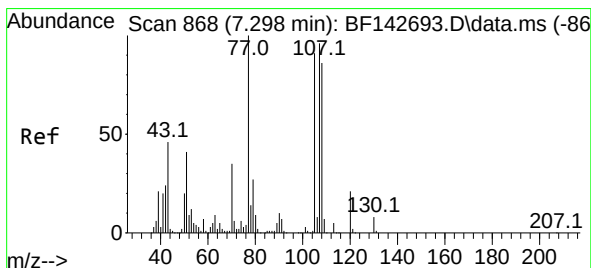
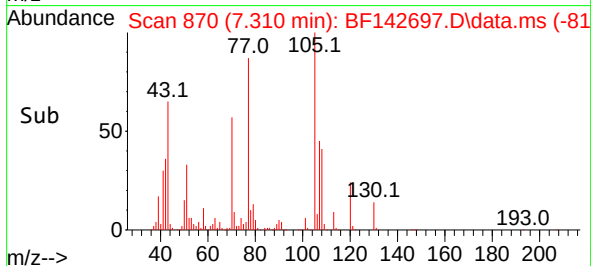
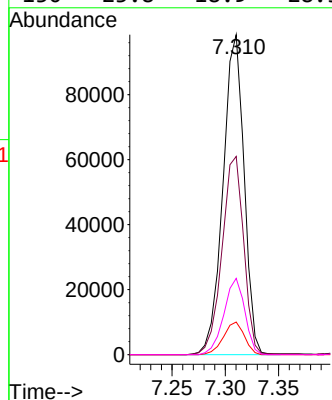
Ion Ratio Lower Upper

70 100

42 61.9 50.1 75.1

101 10.2 8.1 12.1

130 23.8 18.9 28.3



#20

3+4-Methylphenols

Concen: 39.736 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Tgt Ion: 107 Resp: 203265

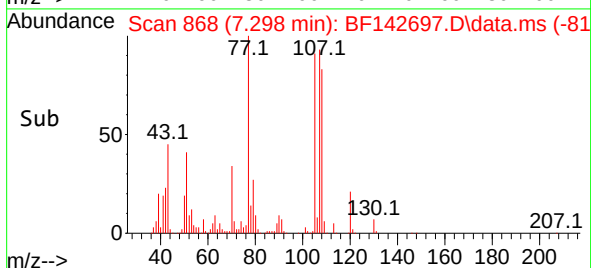
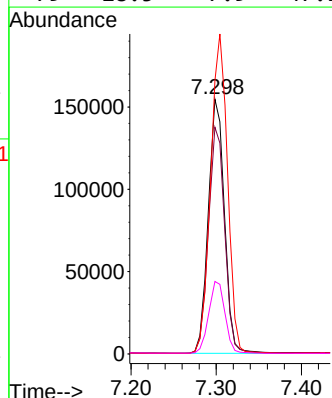
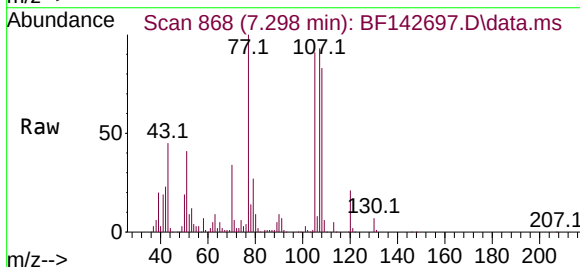
Ion Ratio Lower Upper

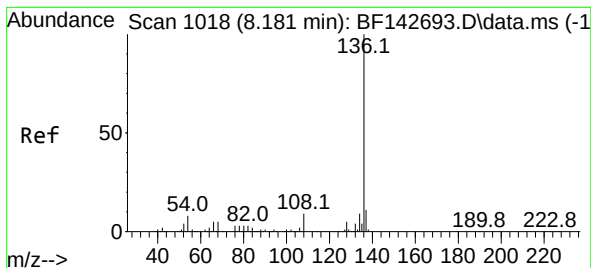
107 100

108 89.0 69.5 109.5

77 107.2 83.6 123.6

79 28.5 7.9 47.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion:136 Resp: 319266

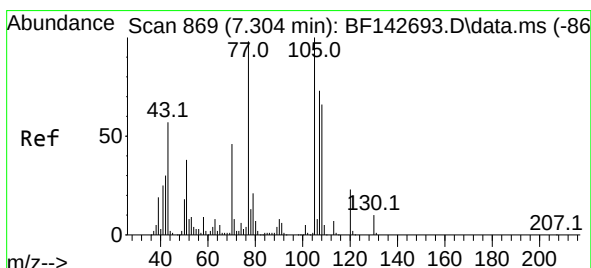
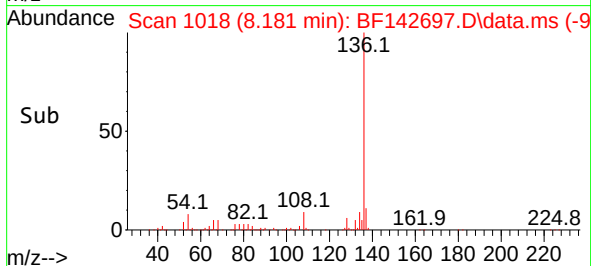
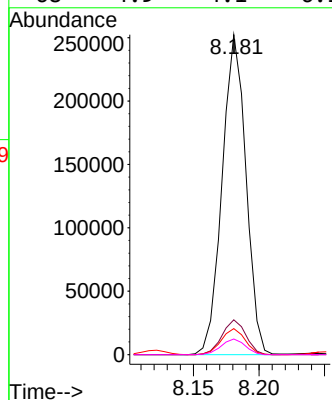
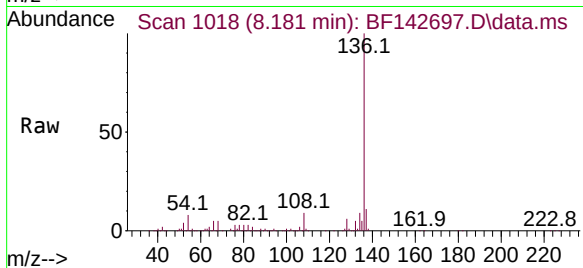
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.1 6.4 9.6

68 4.9 4.1 6.1



#22

Acetophenone

Concen: 38.750 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Tgt Ion:105 Resp: 270439

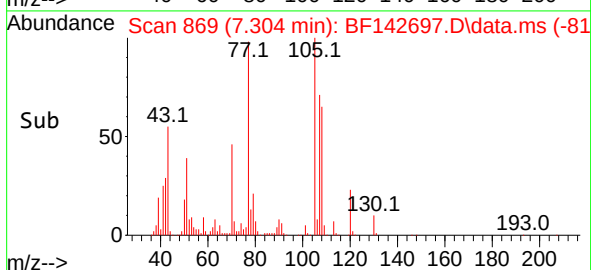
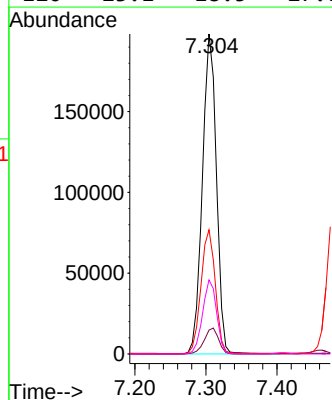
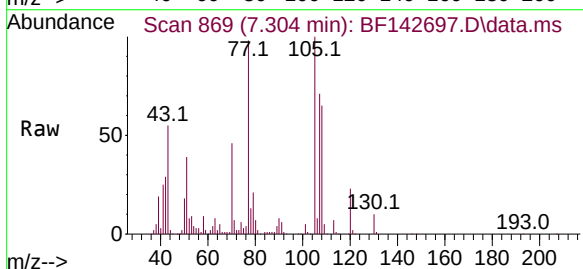
Ion Ratio Lower Upper

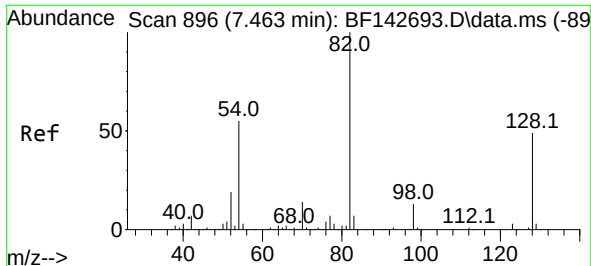
105 100

71 7.5 6.2 9.2

51 38.8 30.8 46.2

120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 78.591 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

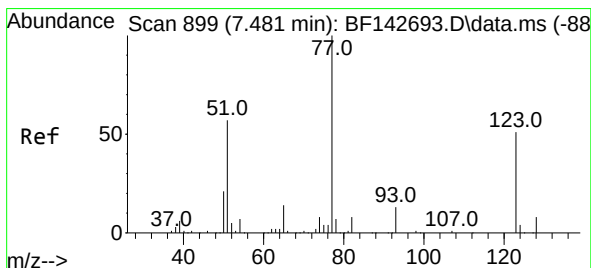
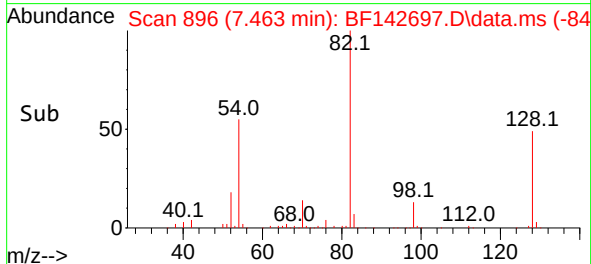
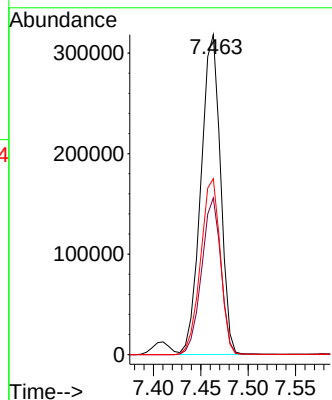
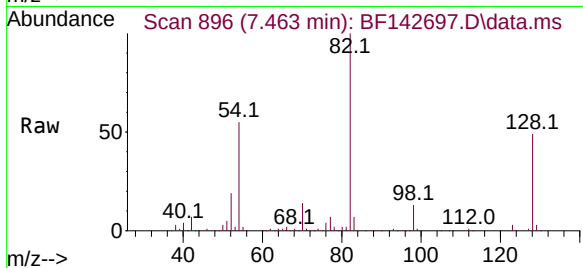
Tgt Ion: 82 Resp: 456568

Ion Ratio Lower Upper

82 100

128 49.0 39.3 58.9

54 55.0 44.2 66.2



#24

Nitrobenzene

Concen: 39.247 ng

RT: 7.481 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

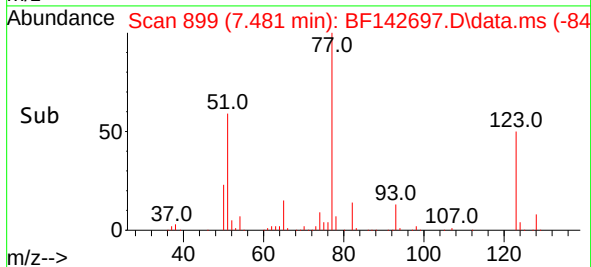
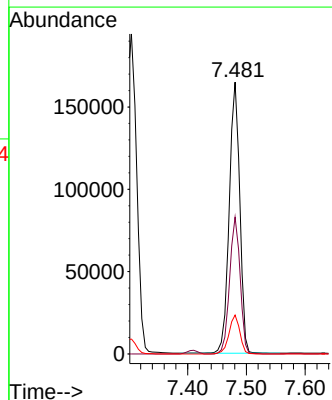
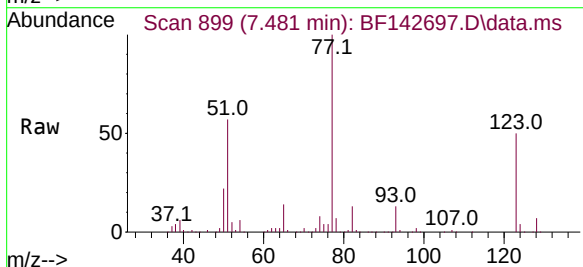
Tgt Ion: 77 Resp: 205623

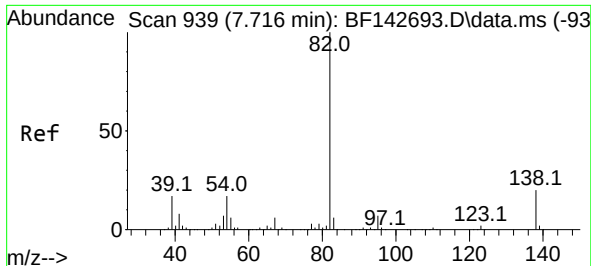
Ion Ratio Lower Upper

77 100

123 50.3 41.3 61.9

65 14.3 11.2 16.8

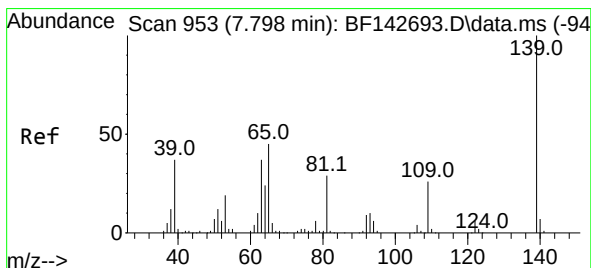
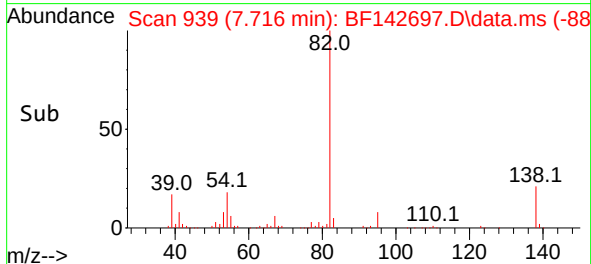
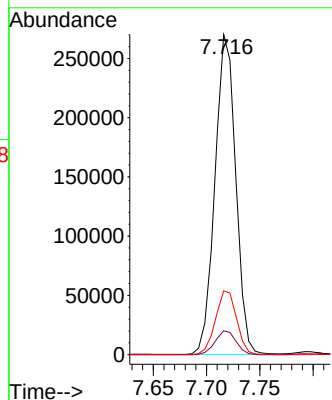
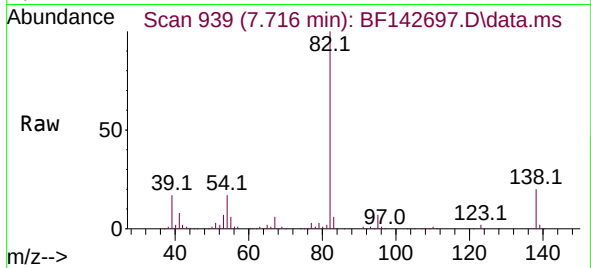




#25
Isophorone
Concen: 38.930 ng
RT: 7.716 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

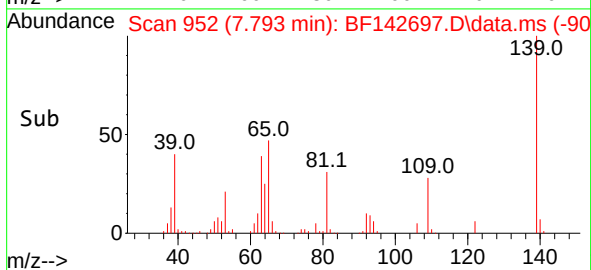
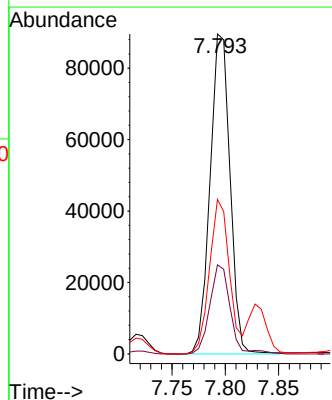
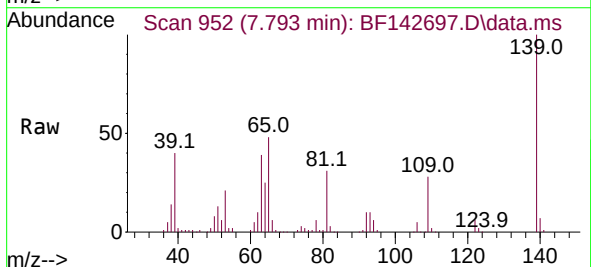
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

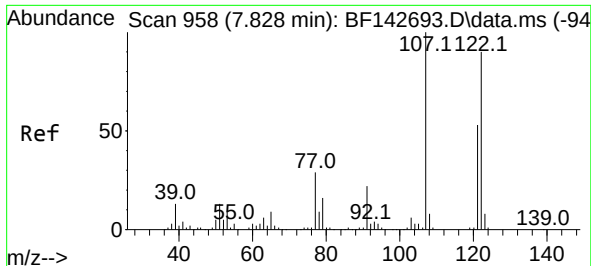
Tgt Ion: 82 Resp: 366928
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 40.477 ng
RT: 7.793 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion: 139 Resp: 116979
Ion Ratio Lower Upper
139 100
109 27.8 21.0 31.6
65 48.3 36.2 54.2





#27

2,4-Dimethylphenol

Concen: 39.523 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

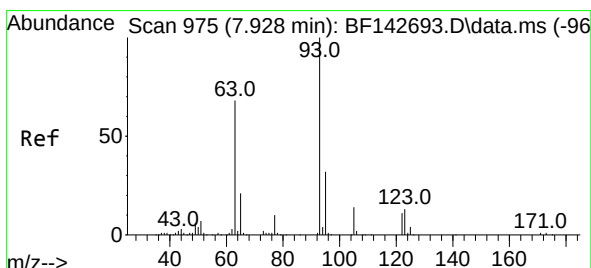
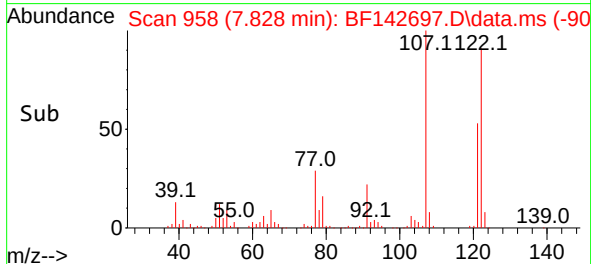
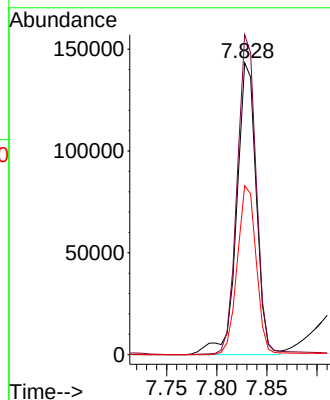
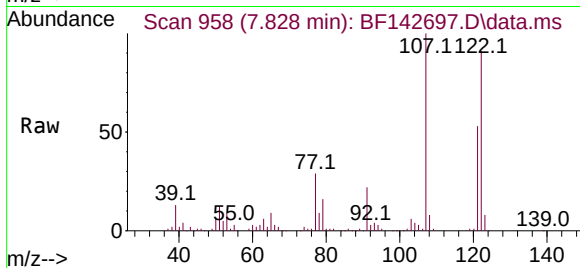
Tgt Ion:122 Resp: 194119

Ion Ratio Lower Upper

122 100

107 109.7 89.4 134.2

121 57.9 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.561 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

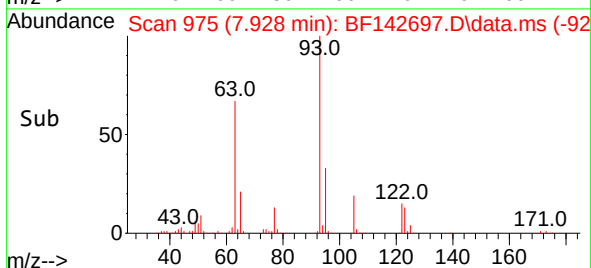
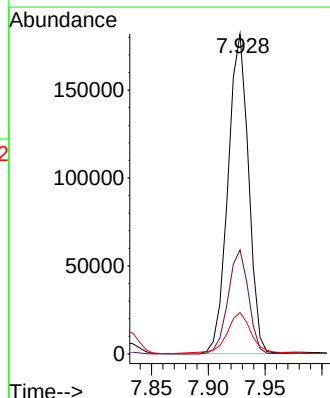
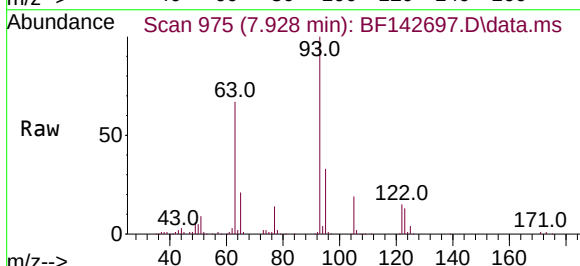
Tgt Ion: 93 Resp: 227954

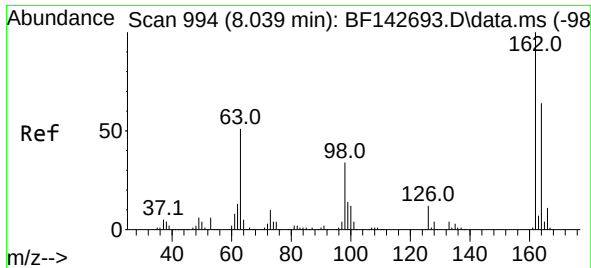
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 12.9 10.5 15.7





#29

2,4-Dichlorophenol

Concen: 39.730 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

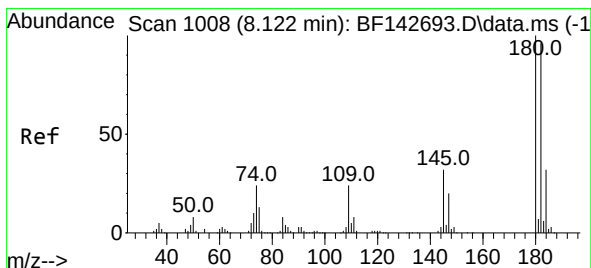
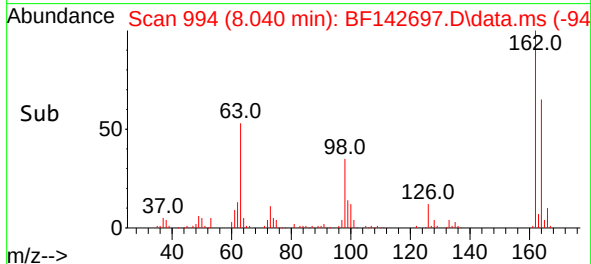
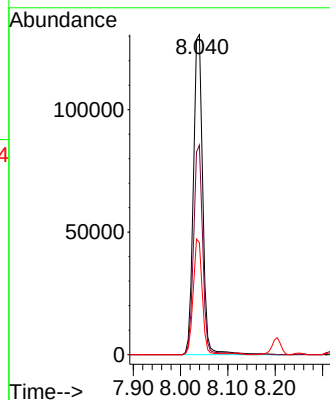
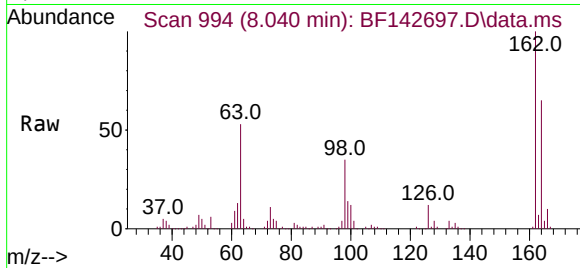
Tgt Ion:162 Resp: 178767

Ion Ratio Lower Upper

162 100

164 65.5 44.0 84.0

98 35.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 39.694 ng

RT: 8.122 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

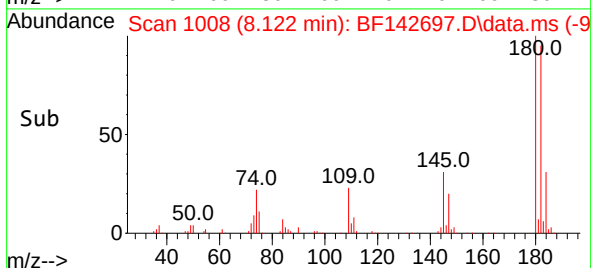
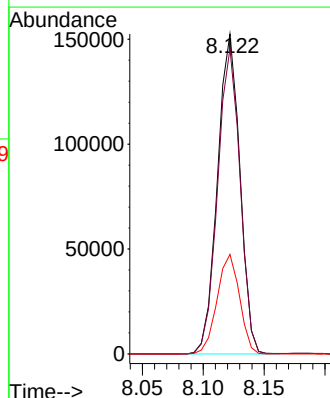
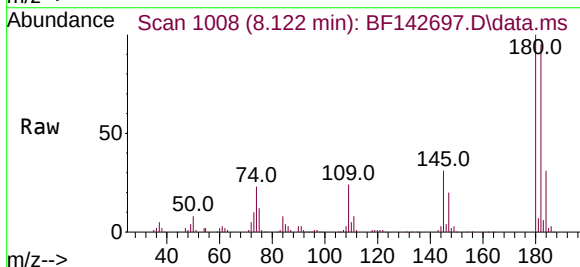
Tgt Ion:180 Resp: 194821

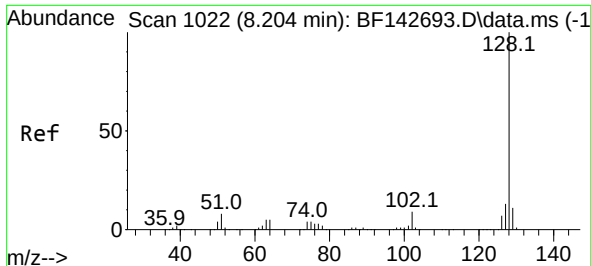
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

145 31.1 25.4 38.0

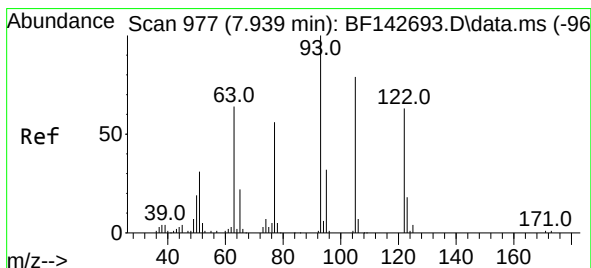
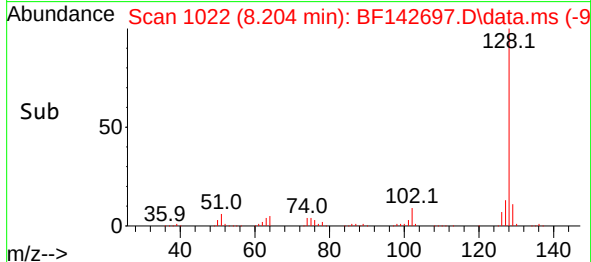
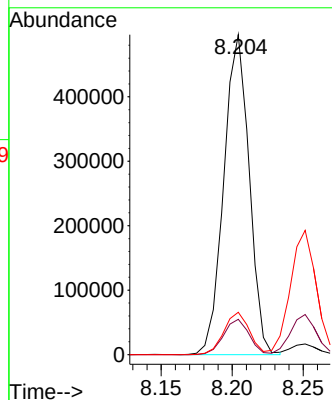
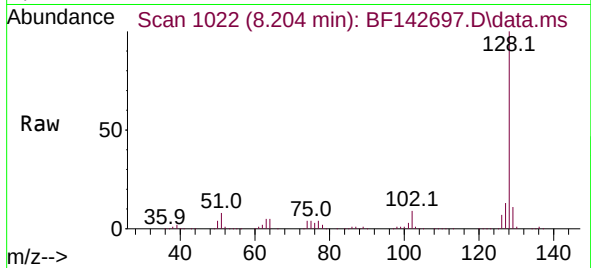




#31
Naphthalene
Concen: 39.190 ng
RT: 8.204 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

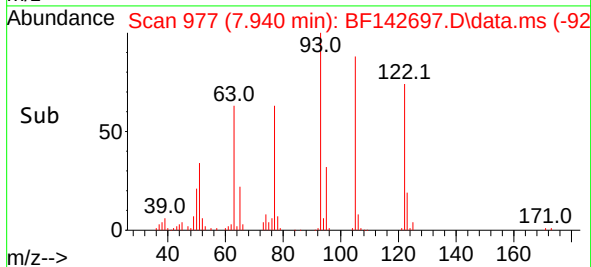
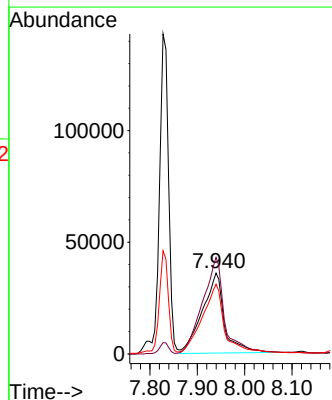
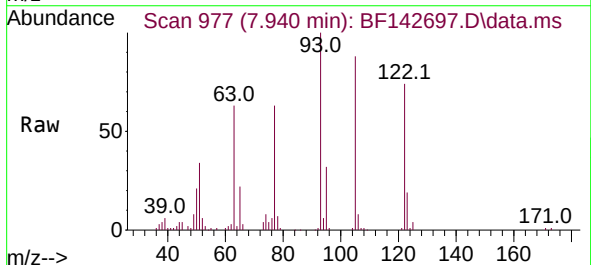
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

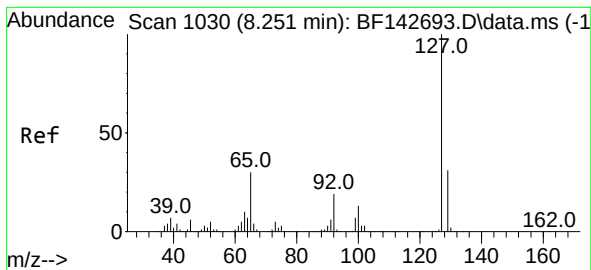
Tgt Ion:128 Resp: 616558
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 38.754 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:122 Resp: 115551
Ion Ratio Lower Upper
122 100
105 119.4 100.3 140.3
77 86.2 67.9 107.9

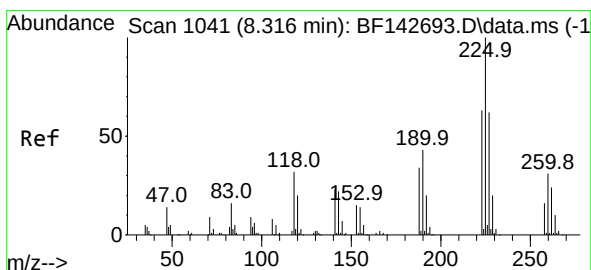
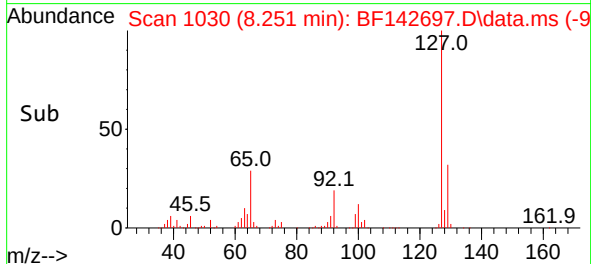
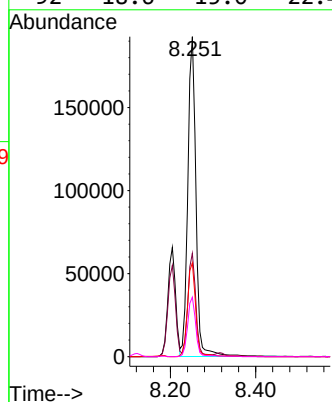
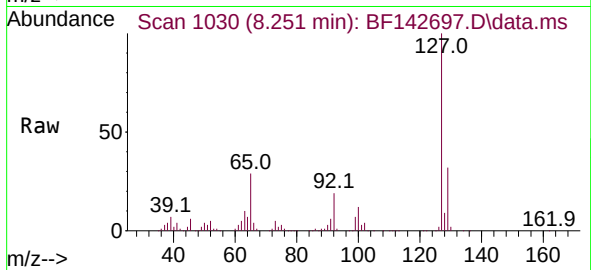




#33
4-Chloroaniline
Concen: 39.531 ng
RT: 8.251 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

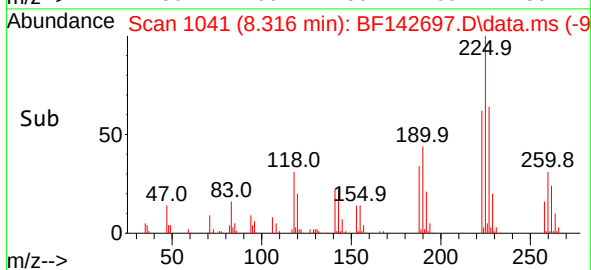
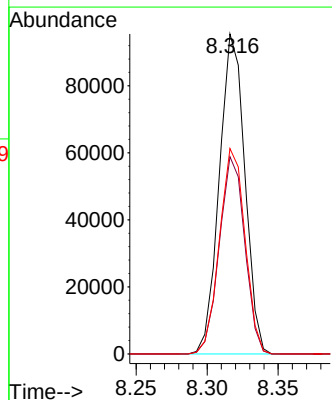
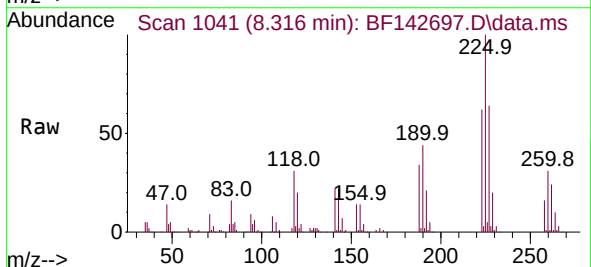
Instrument :
BNA_F
ClientSampleId :
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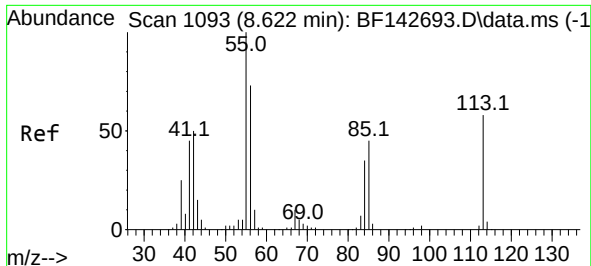
Tgt Ion:	127	Resp:	255687
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	29.3	23.8	35.6
92	18.6	15.0	22.4



#34
Hexachlorobutadiene
Concen: 39.509 ng
RT: 8.316 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:	225	Resp:	119427
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	64.2	49.8	74.8

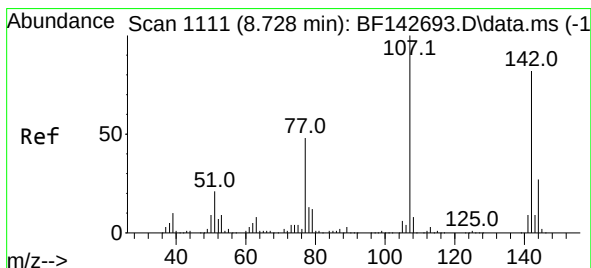
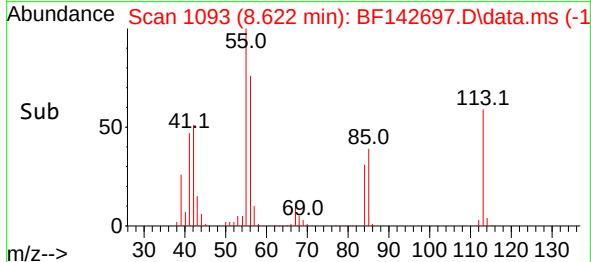
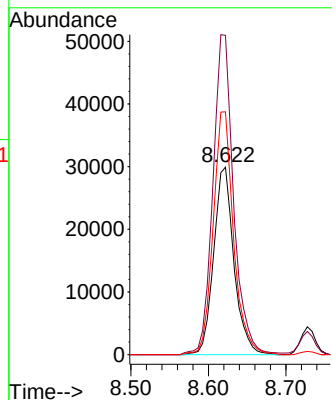
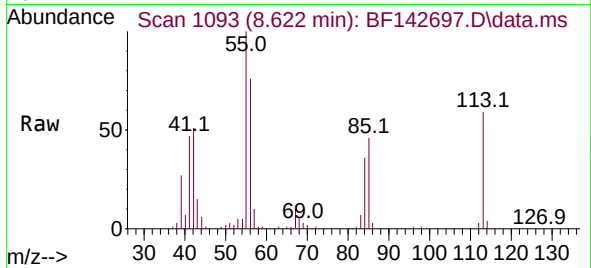




#35
 Caprolactam
 Concen: 39.339 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

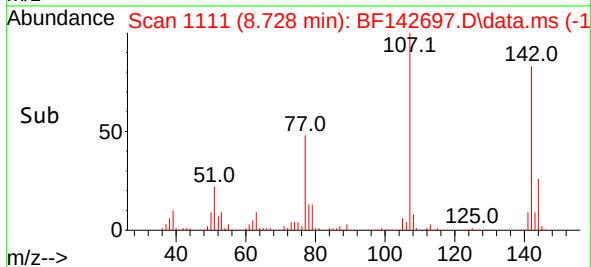
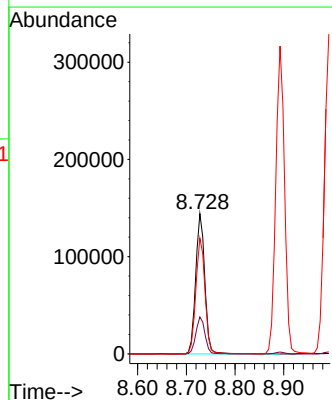
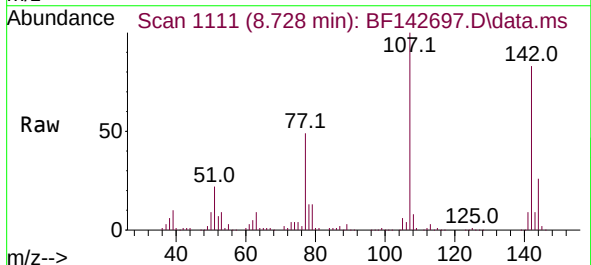
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

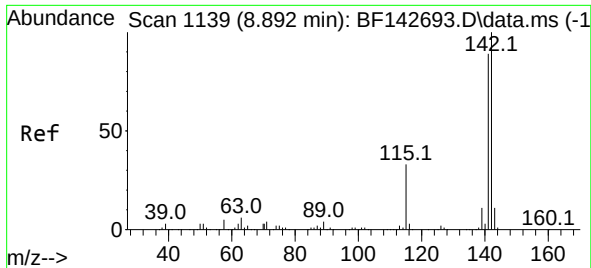
Tgt Ion:113 Resp: 54368
 Ion Ratio Lower Upper
 113 100
 55 170.3 152.9 192.9
 56 129.5 106.6 146.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.185 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

Tgt Ion:107 Resp: 186512
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.5 32.3
 142 82.6 65.5 98.3

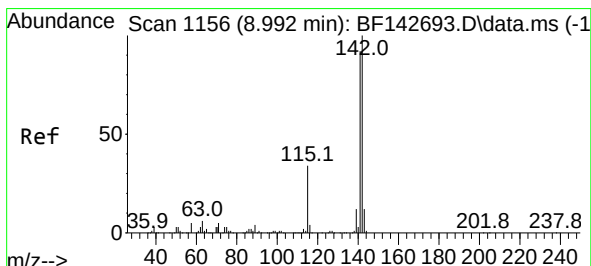
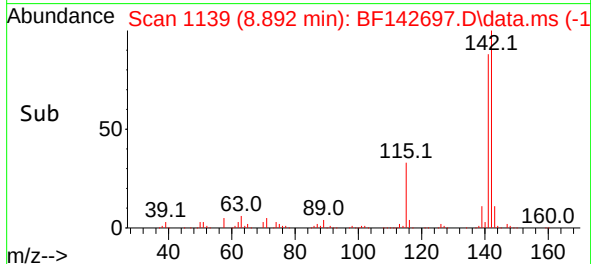
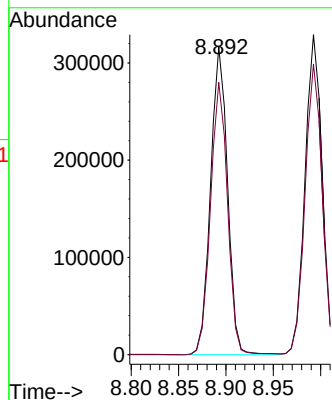
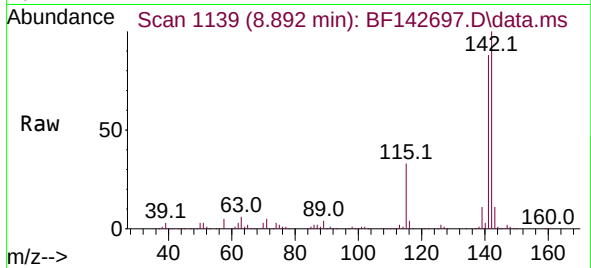




#37
2-Methylnaphthalene
Concen: 39.972 ng
RT: 8.892 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

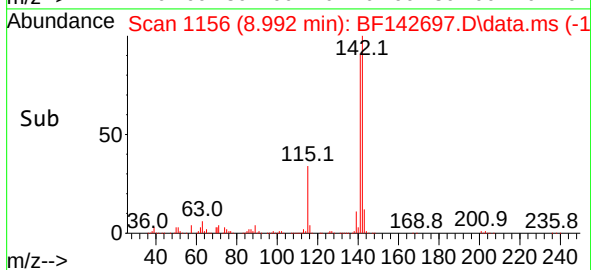
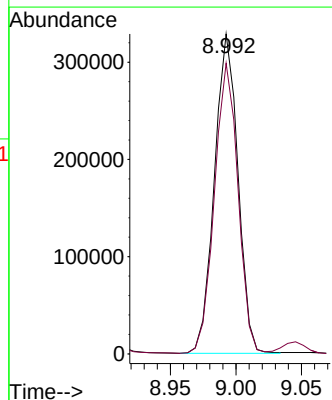
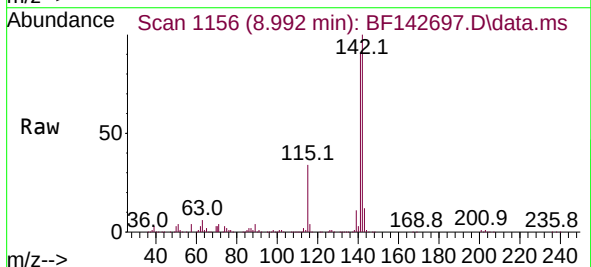
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

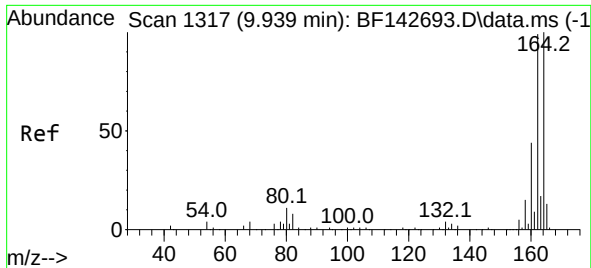
Tgt Ion:142 Resp: 395696
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 40.035 ng
RT: 8.992 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:142 Resp: 410403
Ion Ratio Lower Upper
142 100
141 90.8 73.7 110.5

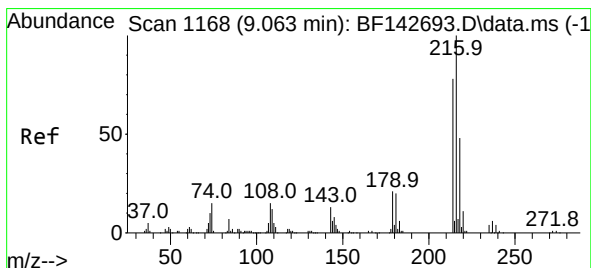
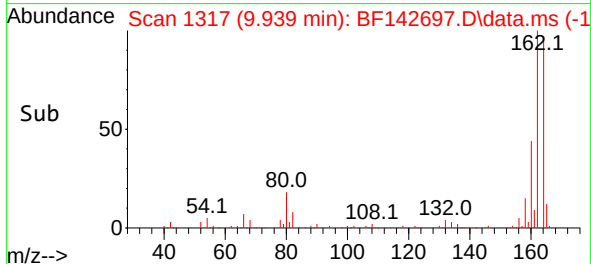
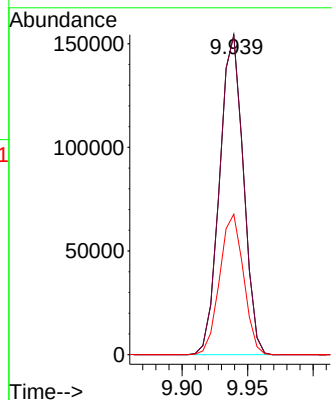
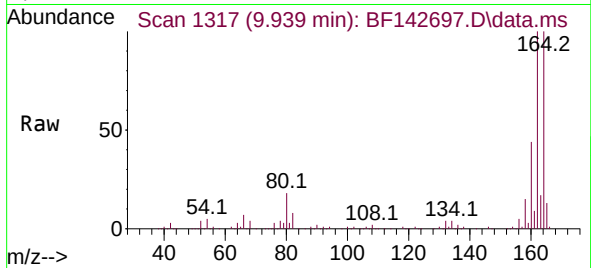




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

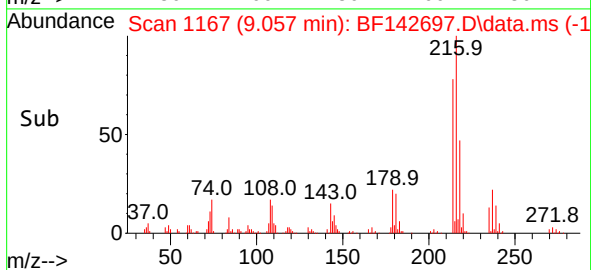
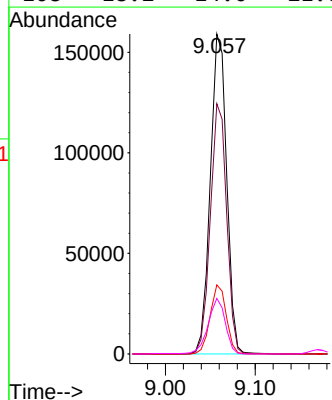
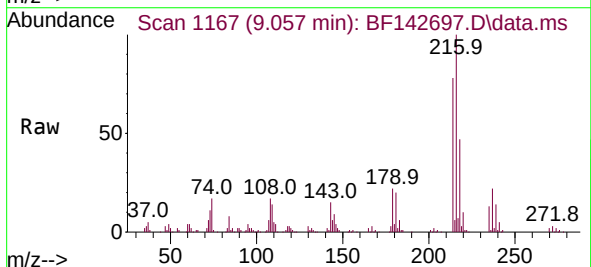
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

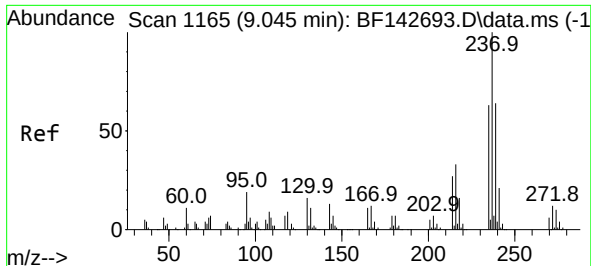
Tgt Ion:164 Resp: 194584
Ion Ratio Lower Upper
164 100
162 99.6 79.1 118.7
160 43.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.007 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:216 Resp: 202480
Ion Ratio Lower Upper
216 100
214 78.0 63.0 94.6
179 21.2 16.6 25.0
108 18.2 14.0 21.0

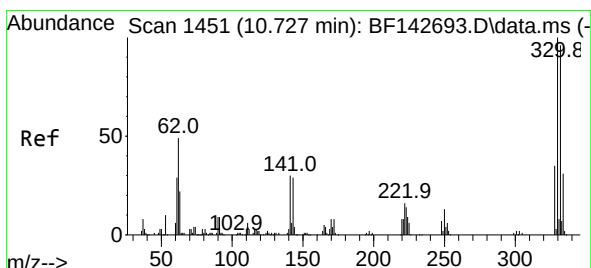
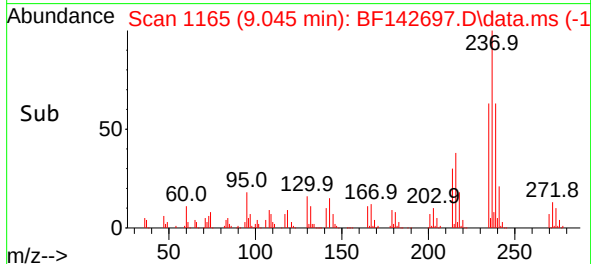
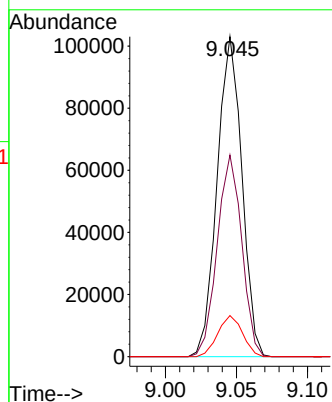
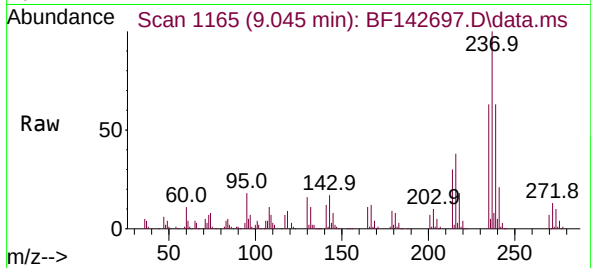




#41
Hexachlorocyclopentadiene
Concen: 37.884 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

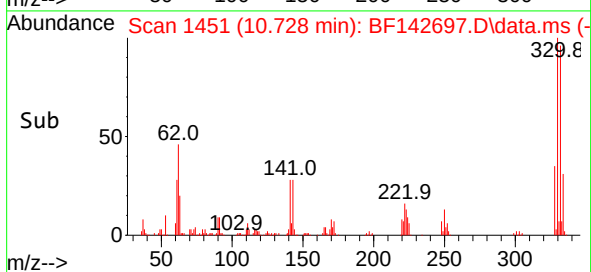
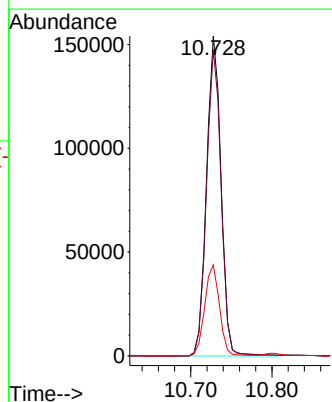
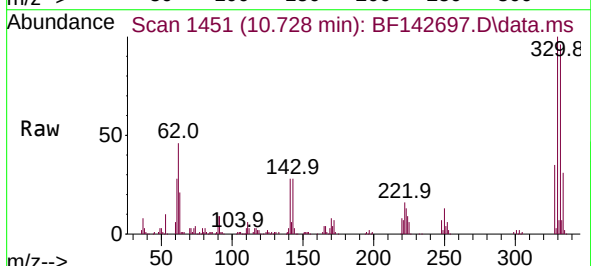
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

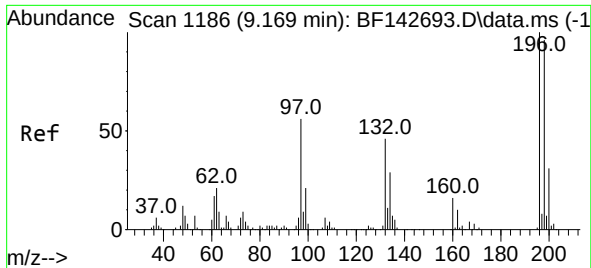
Tgt Ion:237 Resp: 125104
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 12.8 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 87.845 ng
RT: 10.728 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:330 Resp: 192045
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 28.8 23.5 35.3

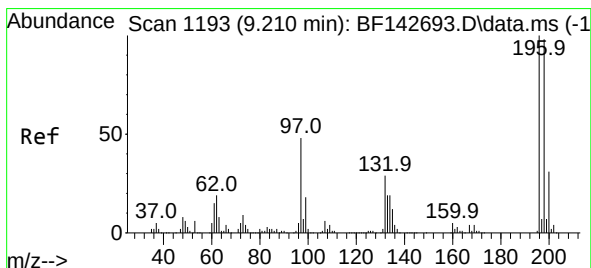
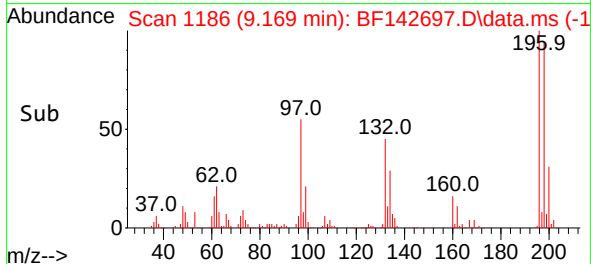
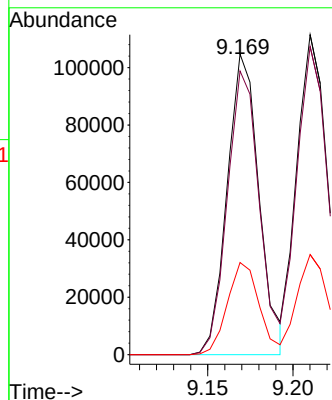
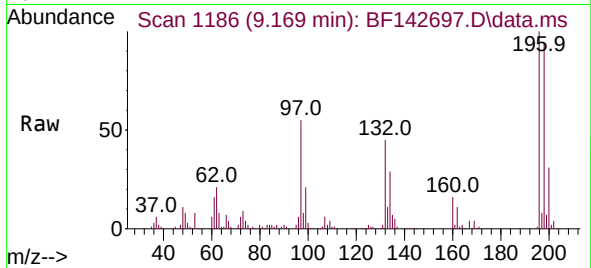




#43
2,4,6-Trichlorophenol
Concen: 36.923 ng
RT: 9.169 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

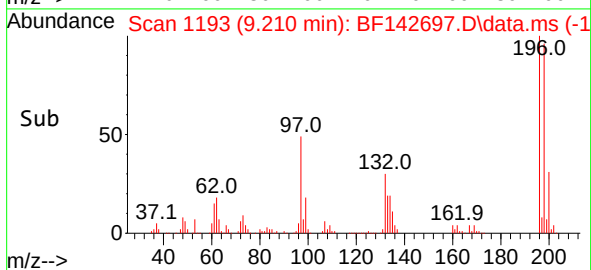
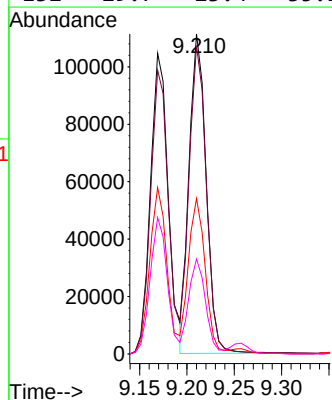
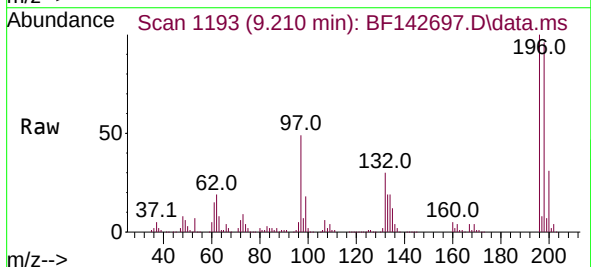
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

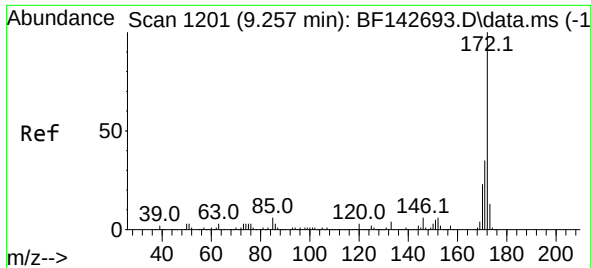
Tgt Ion:196 Resp: 136237
Ion Ratio Lower Upper
196 100
198 94.4 77.1 115.7
200 30.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 35.518 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:196 Resp: 139977
Ion Ratio Lower Upper
196 100
198 96.3 78.2 117.2
97 48.6 39.2 58.8
132 29.7 23.4 35.2

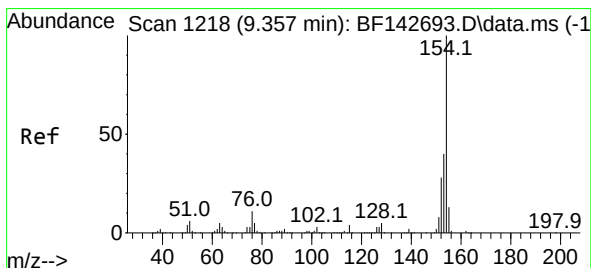
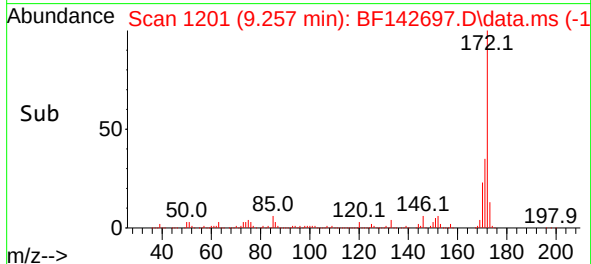
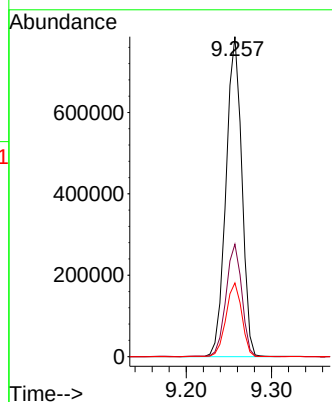
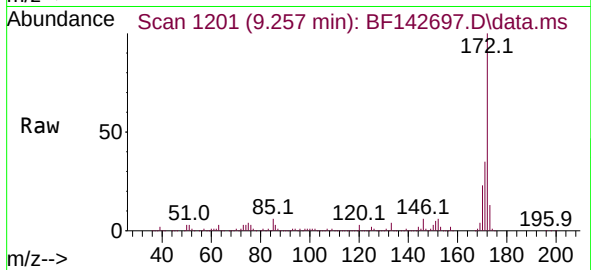




#45
2-Fluorobiphenyl
Concen: 71.127 ng
RT: 9.257 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

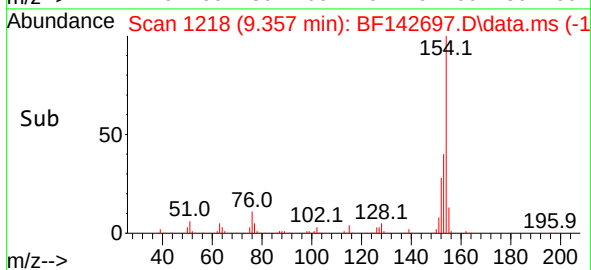
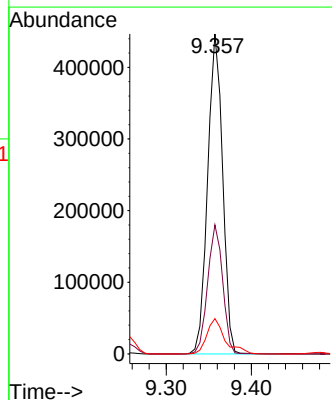
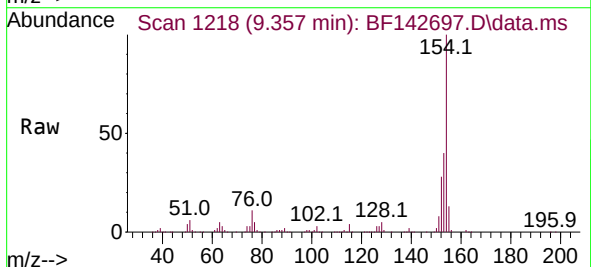
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

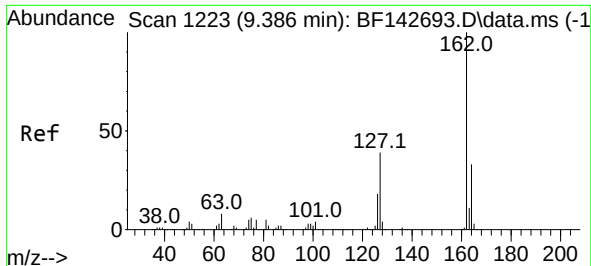
Tgt Ion:172 Resp: 1012025
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 35.985 ng
RT: 9.357 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:154 Resp: 544487
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.0 0.0 31.4





#47

2-Chloronaphthalene

Concen: 36.257 ng

RT: 9.387 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

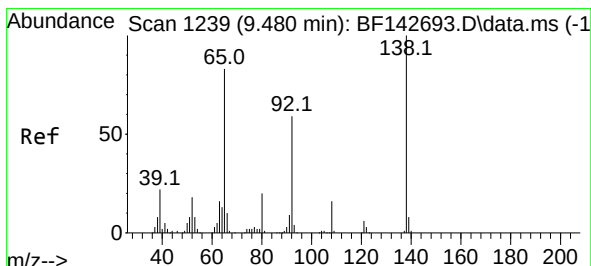
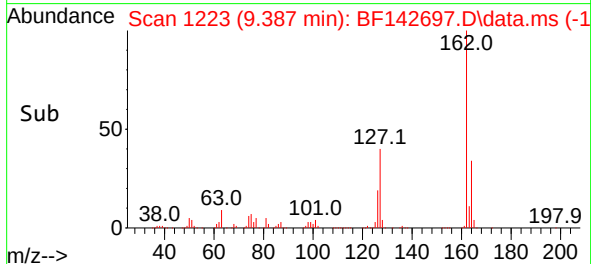
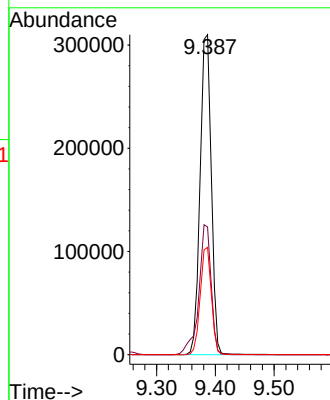
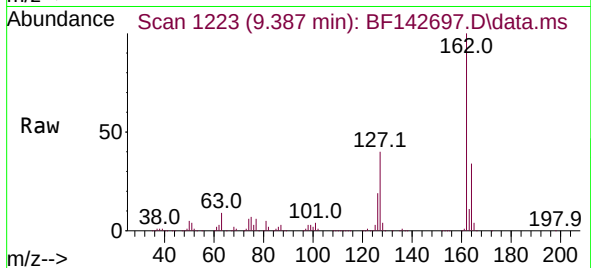
Tgt Ion:162 Resp: 411042

Ion Ratio Lower Upper

162 100

127 39.9 31.7 47.5

164 33.5 26.2 39.4



#48

2-Nitroaniline

Concen: 36.910 ng

RT: 9.475 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

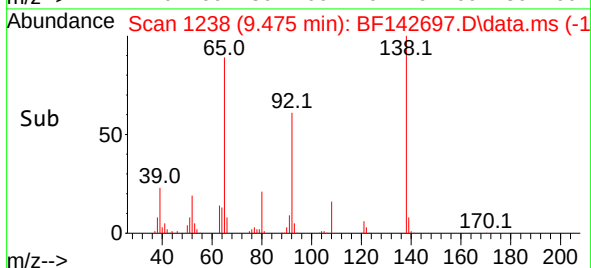
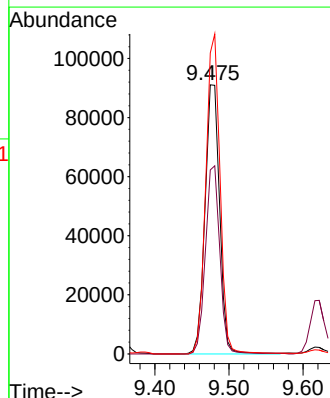
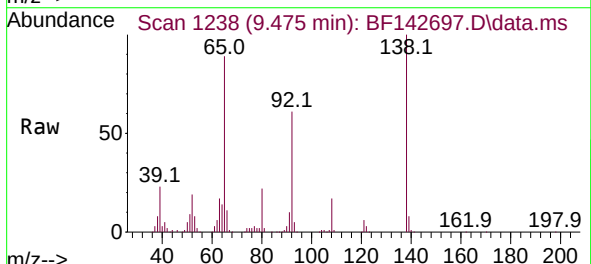
Tgt Ion: 65 Resp: 124520

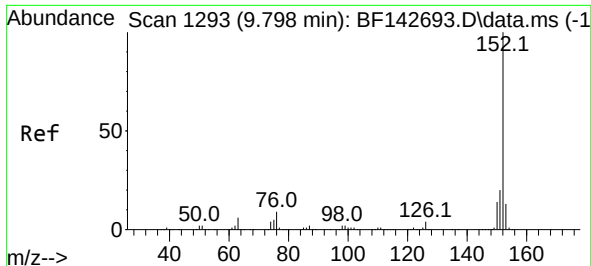
Ion Ratio Lower Upper

65 100

92 68.4 56.3 84.5

138 111.8 95.9 143.9





#49

Acenaphthylene

Concen: 38.434 ng

RT: 9.798 min Scan# 1293

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

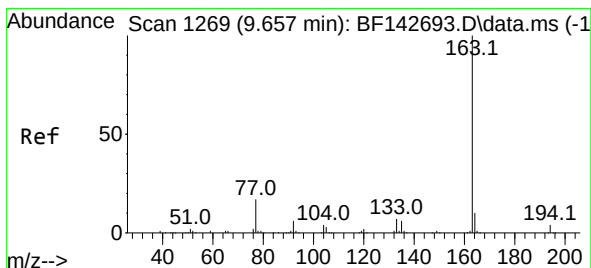
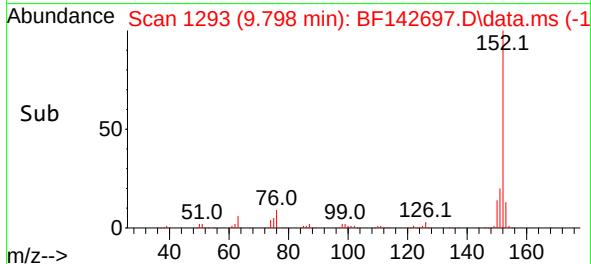
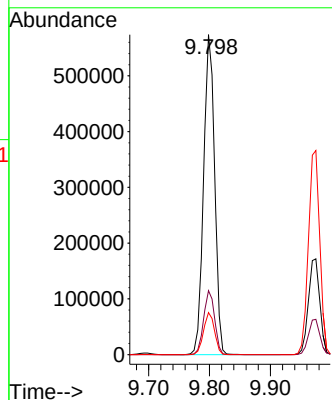
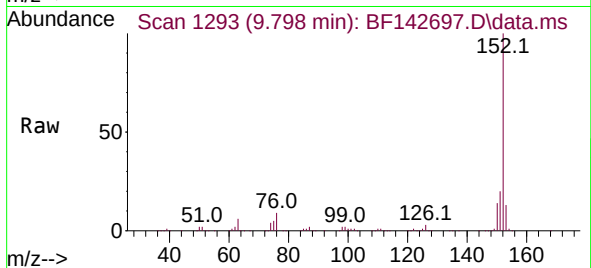
Tgt Ion:152 Resp: 722161

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 36.302 ng

RT: 9.657 min Scan# 1269

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

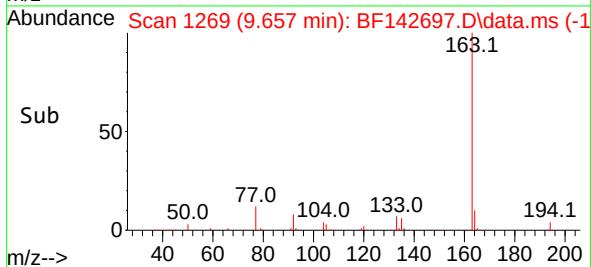
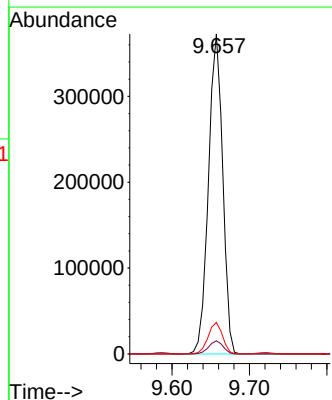
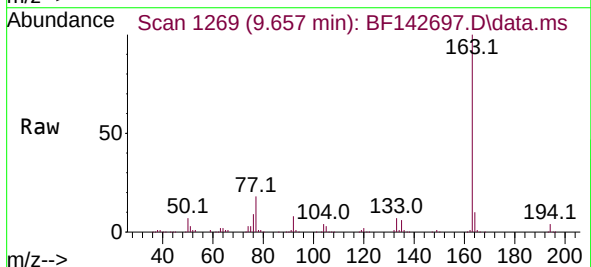
Tgt Ion:163 Resp: 475263

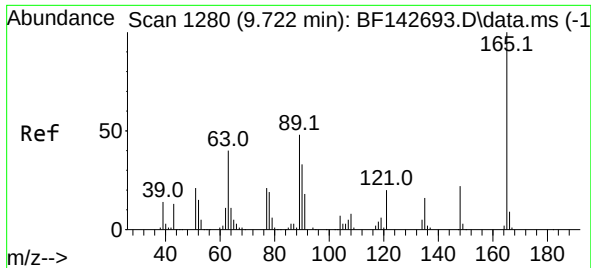
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

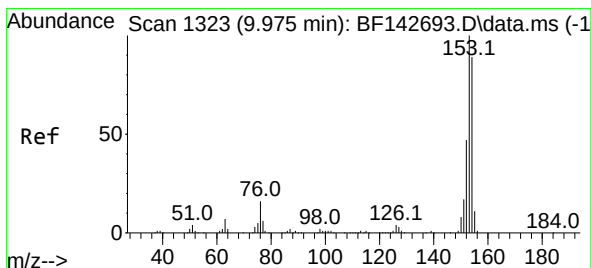
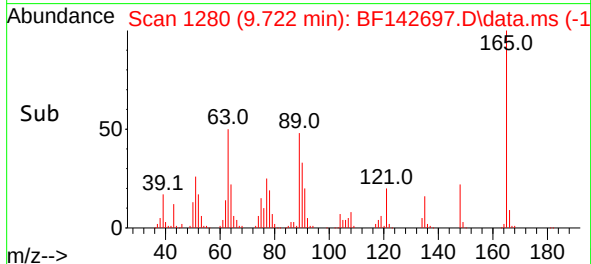
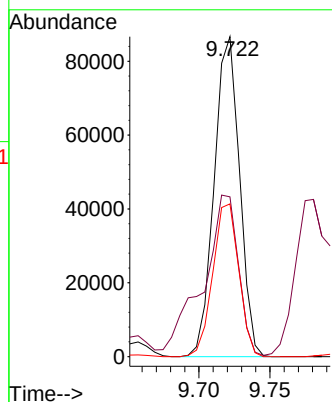
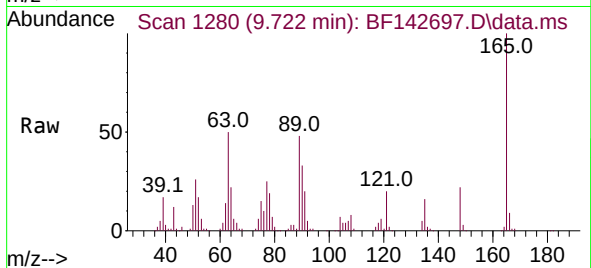




#51
2,6-Dinitrotoluene
Concen: 38.049 ng
RT: 9.722 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

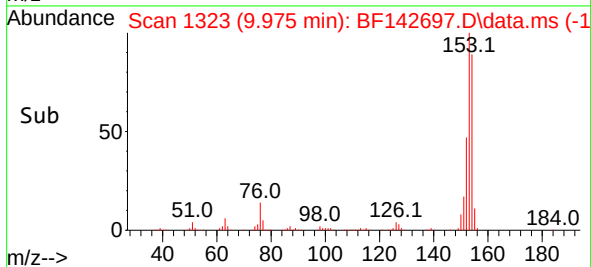
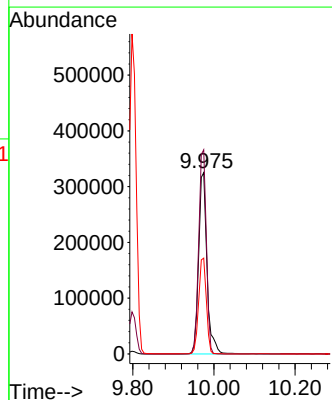
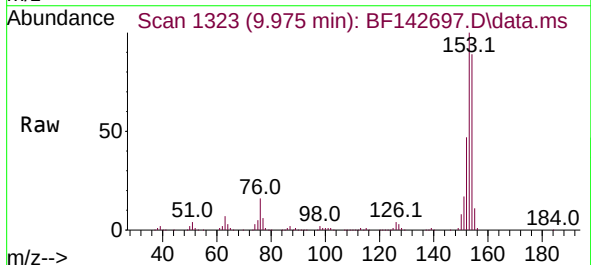
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

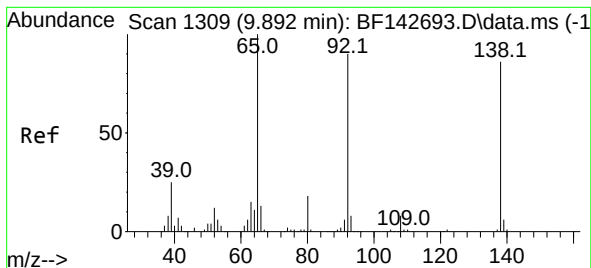
Tgt Ion:165 Resp: 107757
Ion Ratio Lower Upper
165 100
63 49.9 41.3 61.9
89 47.7 38.1 57.1



#52
Acenaphthene
Concen: 40.166 ng
RT: 9.975 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:154 Resp: 461682
Ion Ratio Lower Upper
154 100
153 112.6 89.5 134.3
152 52.8 41.8 62.8





#53

3-Nitroaniline

Concen: 39.443 ng

RT: 9.892 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

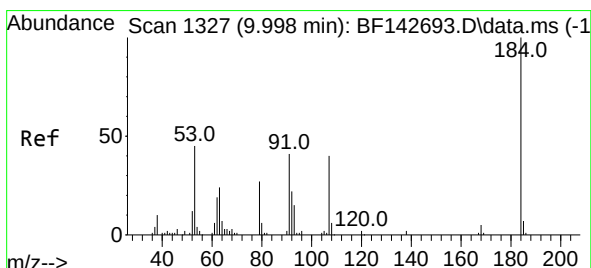
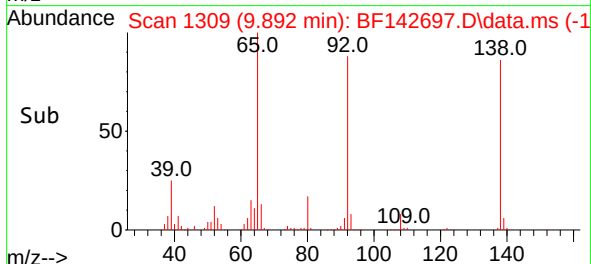
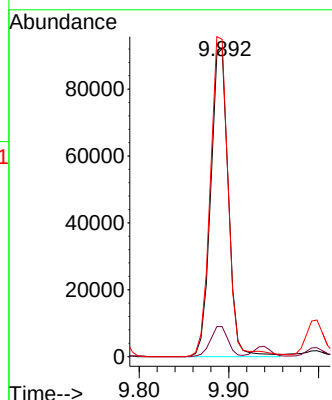
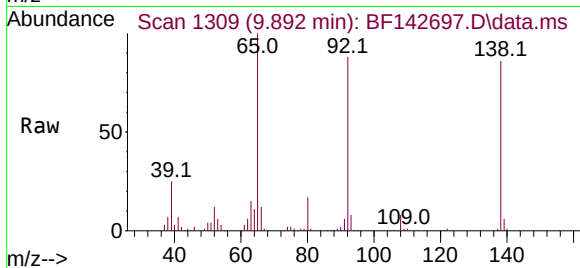
Tgt Ion:138 Resp: 125514

Ion Ratio Lower Upper

138 100

108 9.8 7.7 11.5

92 103.0 83.4 125.0



#54

2,4-Dinitrophenol

Concen: 42.186 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

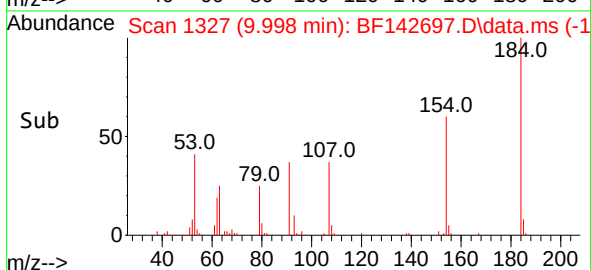
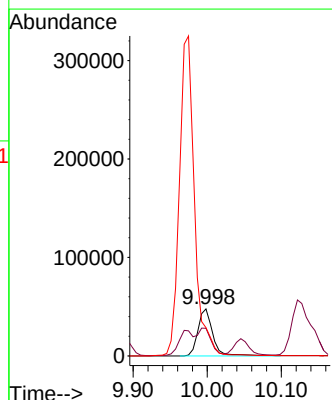
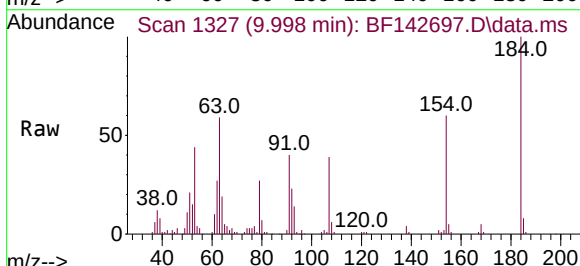
Tgt Ion:184 Resp: 66147

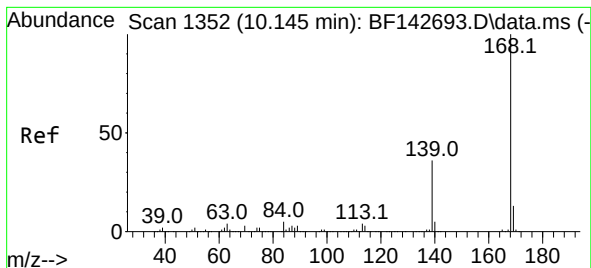
Ion Ratio Lower Upper

184 100

63 58.8 47.4 71.0

154 60.3 48.6 73.0

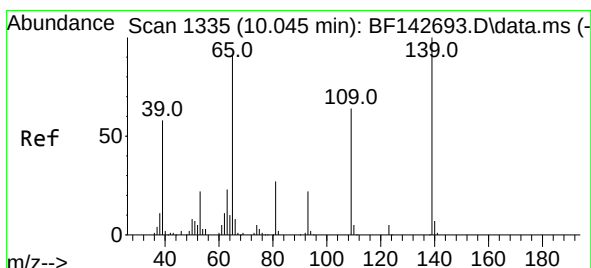
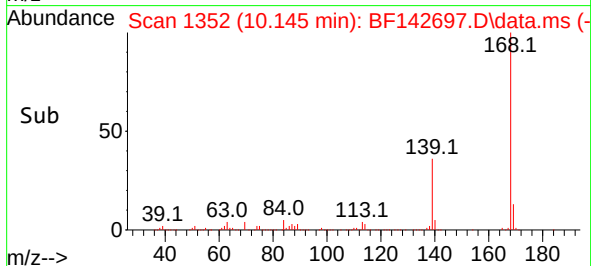
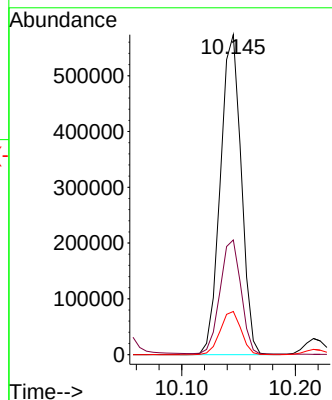
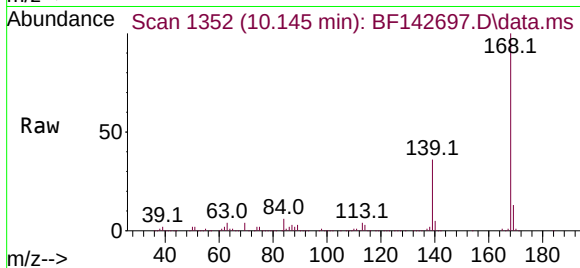




#55
Dibenzofuran
Concen: 44.341 ng
RT: 10.145 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

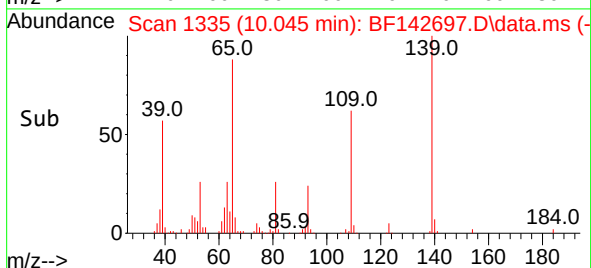
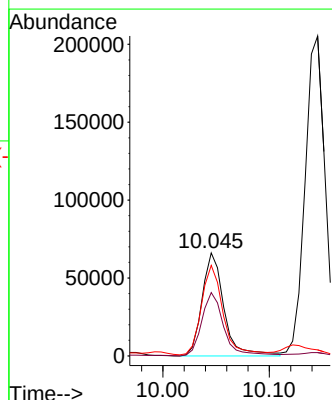
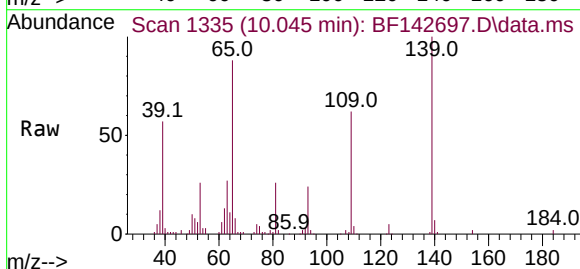
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

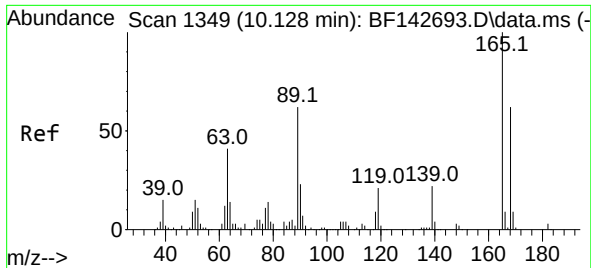
Tgt Ion:168 Resp: 731172
Ion Ratio Lower Upper
168 100
139 35.8 29.2 43.8
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 43.130 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:139 Resp: 94338
Ion Ratio Lower Upper
139 100
109 61.6 44.4 84.4
65 87.9 72.1 112.1

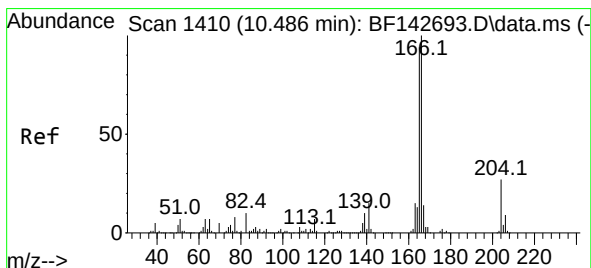
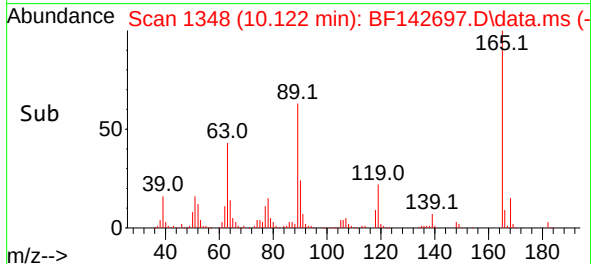
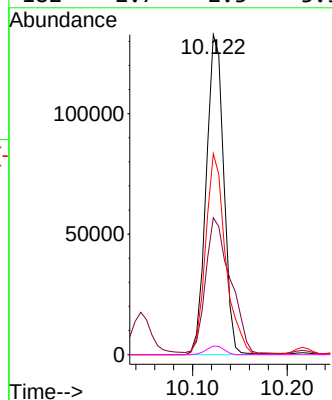
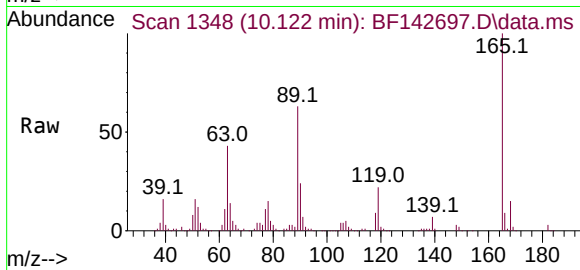




#57
2,4-Dinitrotoluene
Concen: 45.087 ng
RT: 10.122 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

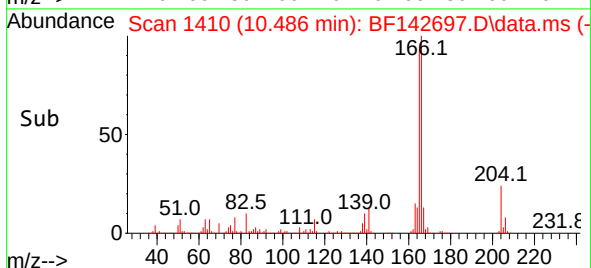
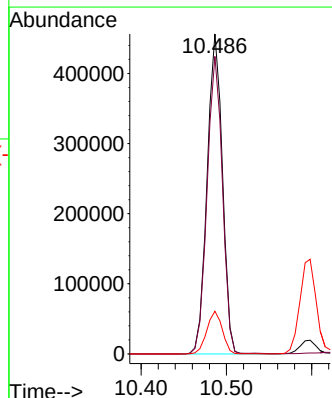
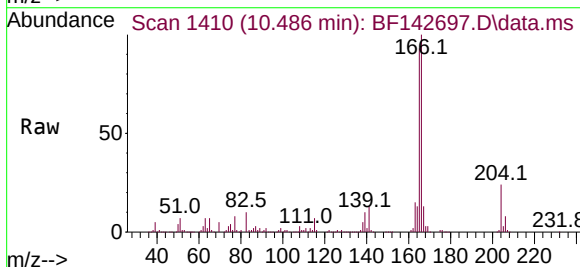
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

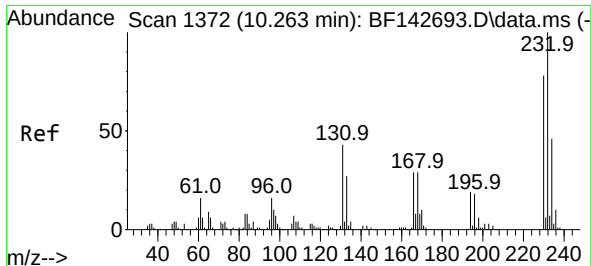
Tgt Ion:	165	Resp:	171158
Ion	Ratio	Lower	Upper
165	100		
63	42.8	33.6	50.4
89	62.8	49.4	74.0
182	2.7	2.3	3.5



#58
Fluorene
Concen: 43.107 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:	166	Resp:	568156
Ion	Ratio	Lower	Upper
166	100		
165	93.0	75.0	112.6
167	13.3	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.107 ng

RT: 10.263 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion:232 Resp: 152908

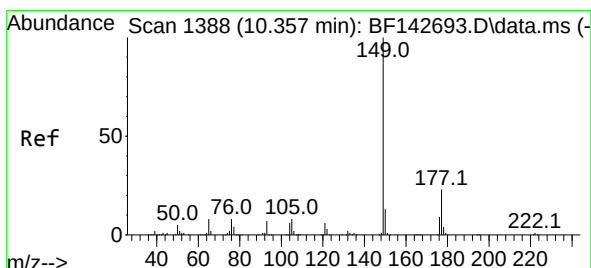
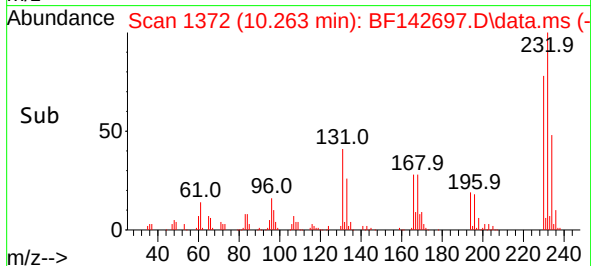
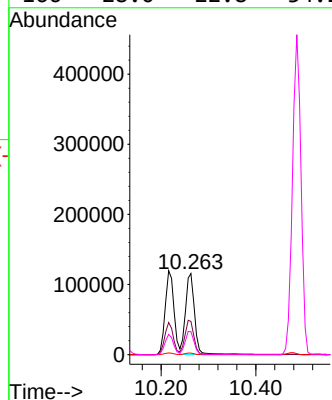
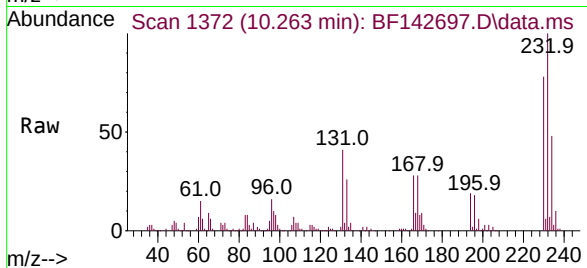
Ion Ratio Lower Upper

232 100

131 41.8 33.5 50.3

130 1.9 1.5 2.3

166 28.0 22.8 34.2



#60

Diethylphthalate

Concen: 43.074 ng

RT: 10.357 min Scan# 1388

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

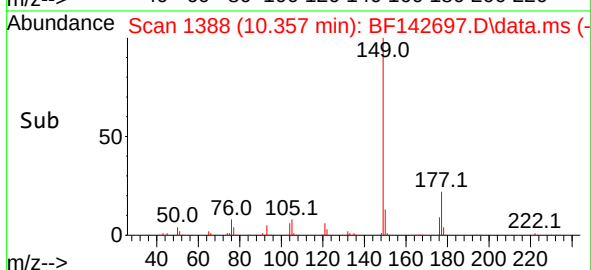
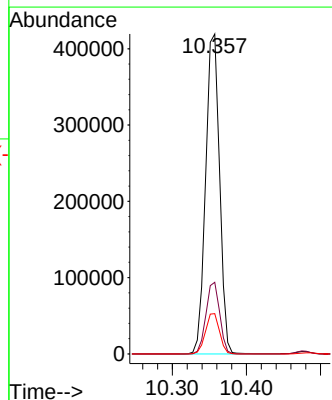
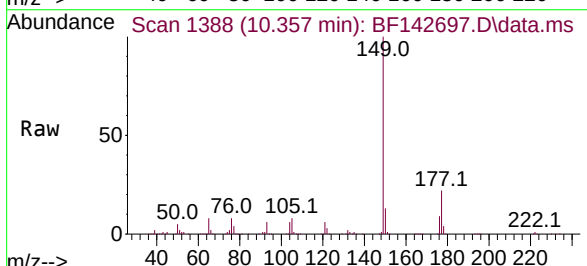
Tgt Ion:149 Resp: 547465

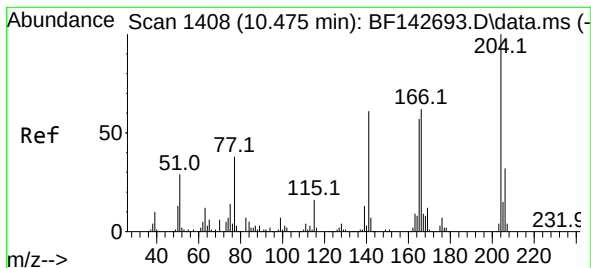
Ion Ratio Lower Upper

149 100

177 22.4 18.0 27.0

150 12.6 10.0 15.0

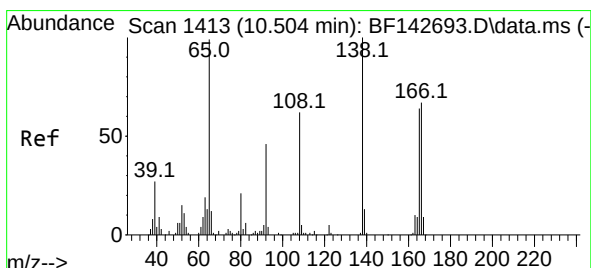
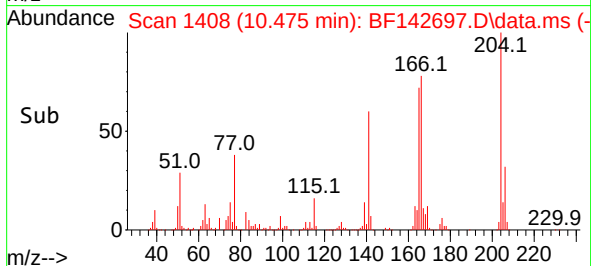
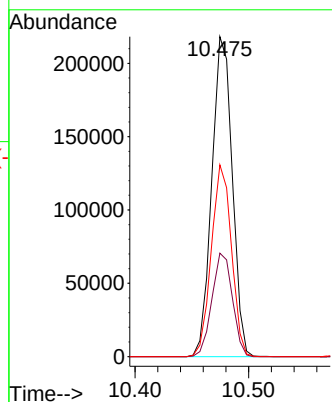
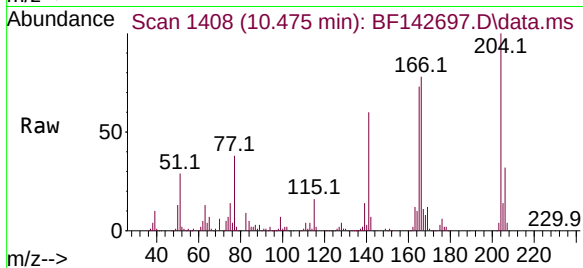




#61
4-Chlorophenyl-phenylether
Concen: 43.799 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

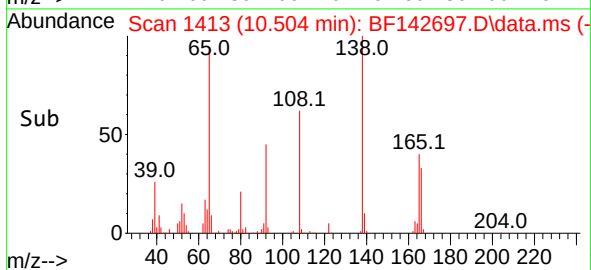
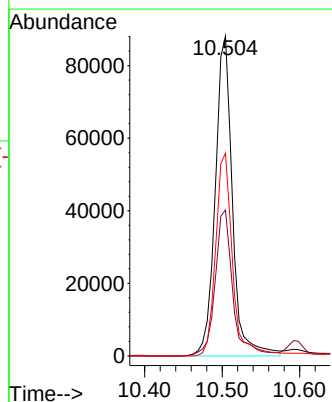
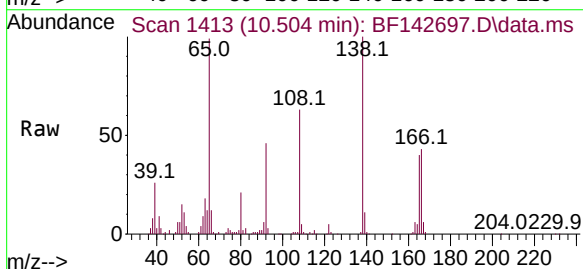
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

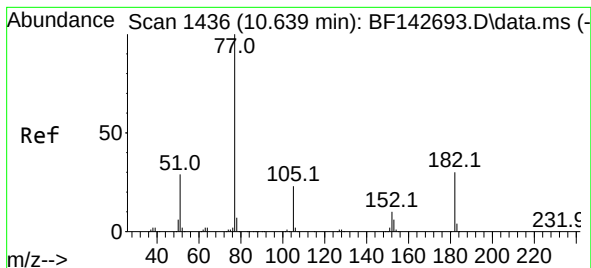
Tgt Ion:204 Resp: 272933
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 59.9 48.9 73.3



#62
4-Nitroaniline
Concen: 44.986 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:138 Resp: 135800
Ion Ratio Lower Upper
138 100
92 45.6 25.8 65.8
108 63.4 42.3 82.3





#63

Azobenzene

Concen: 43.709 ng

RT: 10.639 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

Tgt Ion: 77 Resp: 497629

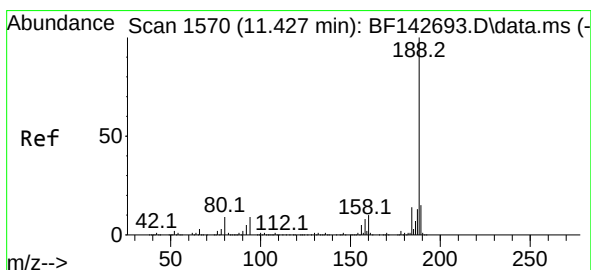
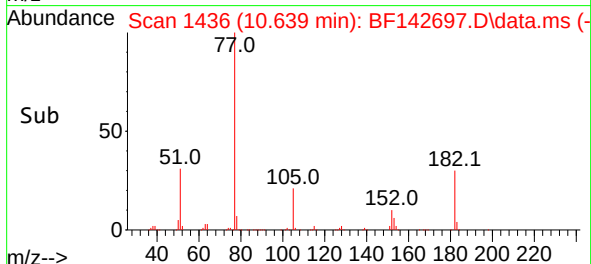
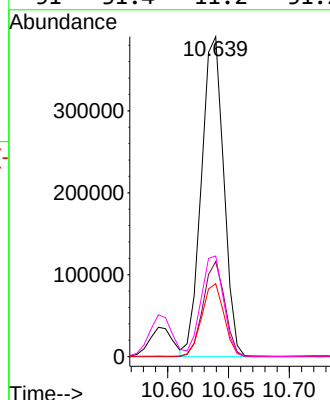
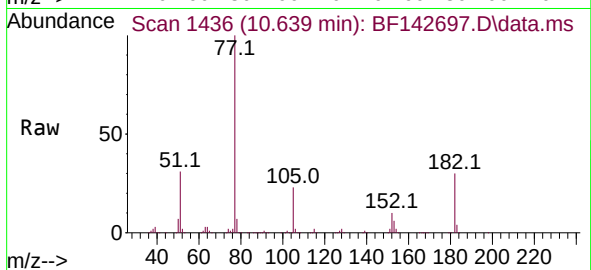
Ion Ratio Lower Upper

77 100

182 29.7 9.5 49.5

105 22.8 2.3 42.3

51 31.4 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

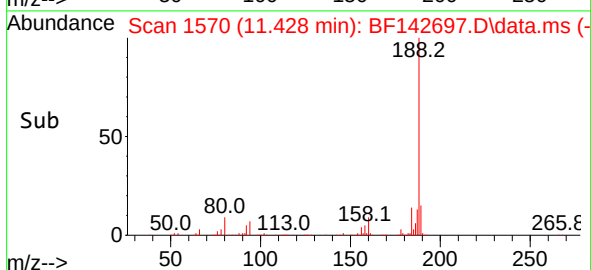
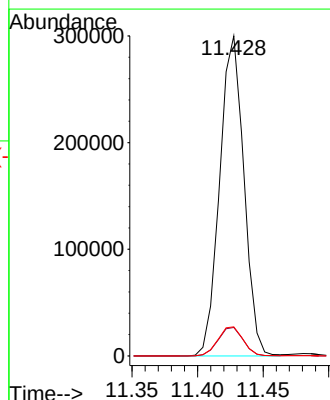
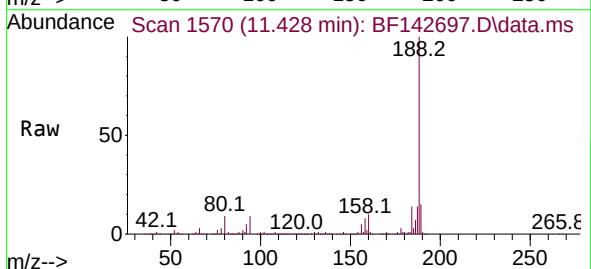
Tgt Ion:188 Resp: 385810

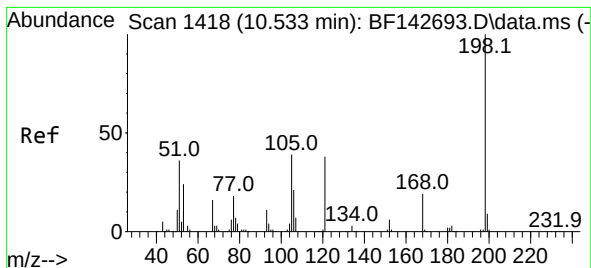
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.1 7.2 10.8

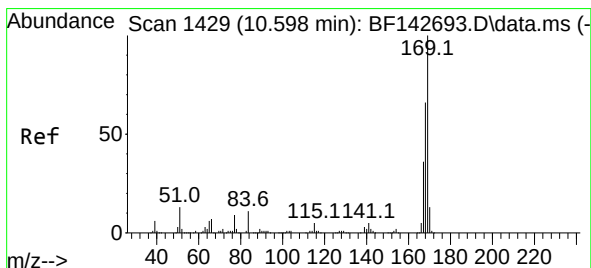
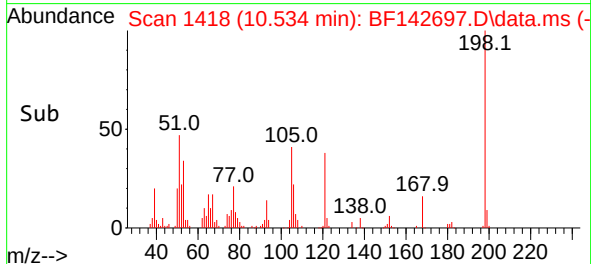
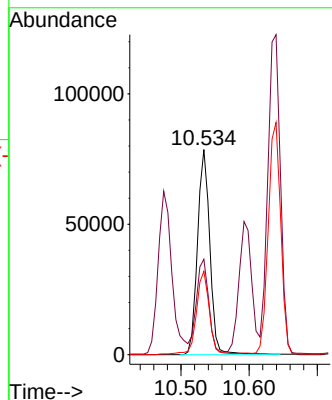
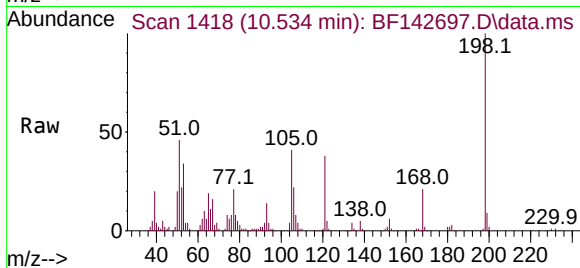




#65
4,6-Dinitro-2-methylphenol
Concen: 40.181 ng
RT: 10.534 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

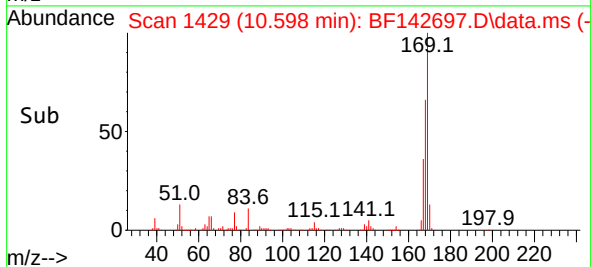
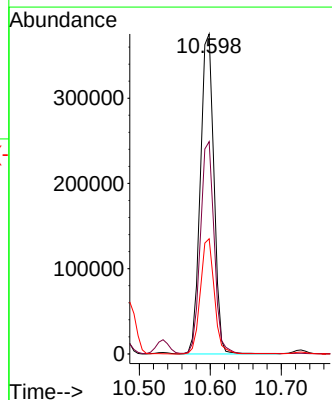
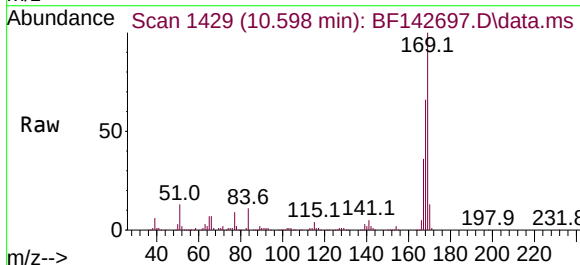
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

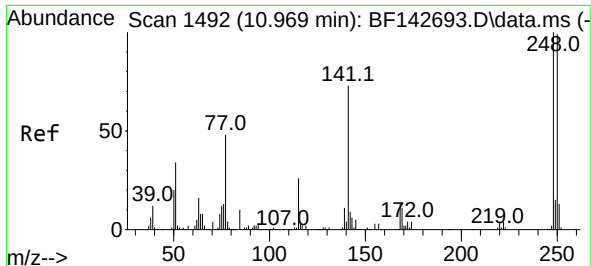
Tgt Ion:198 Resp: 98873
Ion Ratio Lower Upper
198 100
51 46.5 25.9 65.9
105 40.6 20.0 60.0



#66
n-Nitrosodiphenylamine
Concen: 39.768 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:169 Resp: 495379
Ion Ratio Lower Upper
169 100
168 66.3 53.1 79.7
167 36.0 28.4 42.6

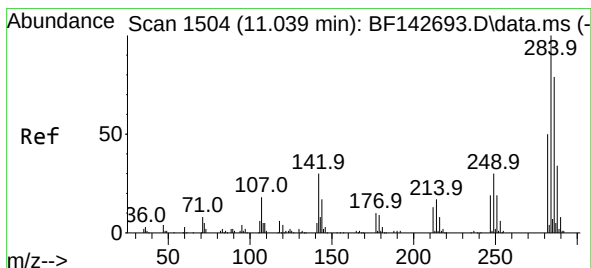
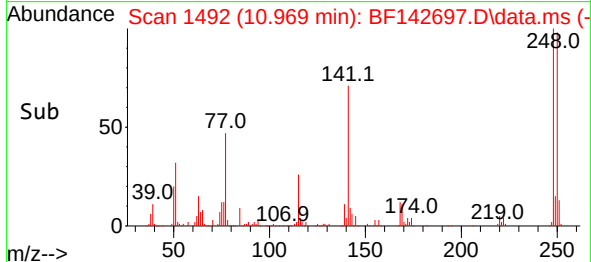
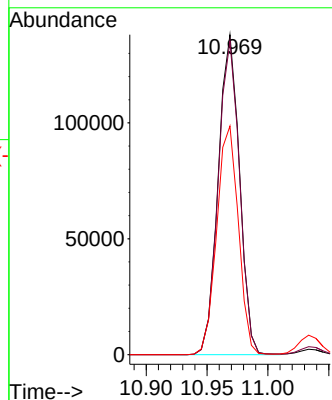
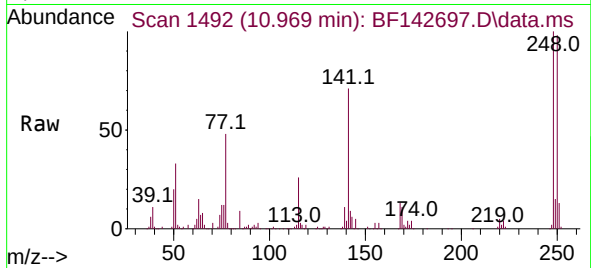




#67
4-Bromophenyl-phenylether
Concen: 39.457 ng
RT: 10.969 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

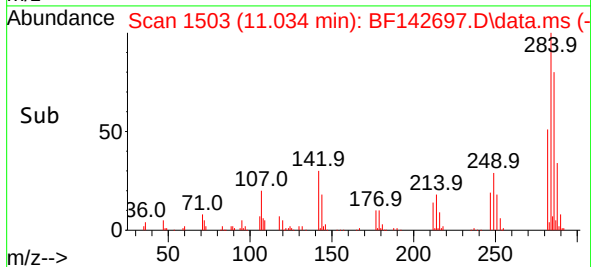
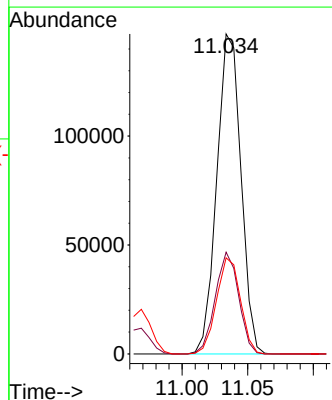
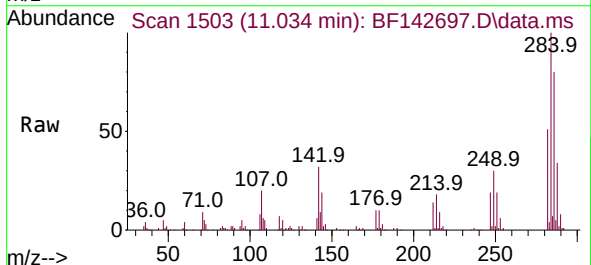
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

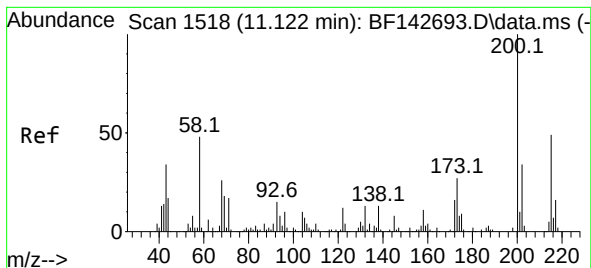
Tgt Ion:248 Resp: 168258
Ion Ratio Lower Upper
248 100
250 97.9 79.1 118.7
141 71.4 58.5 87.7



#68
Hexachlorobenzene
Concen: 38.454 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:284 Resp: 188424
Ion Ratio Lower Upper
284 100
142 31.8 23.6 35.4
249 30.0 23.8 35.8





#69

Atrazine

Concen: 38.540 ng

RT: 11.122 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

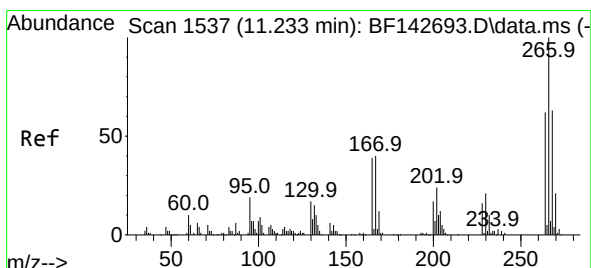
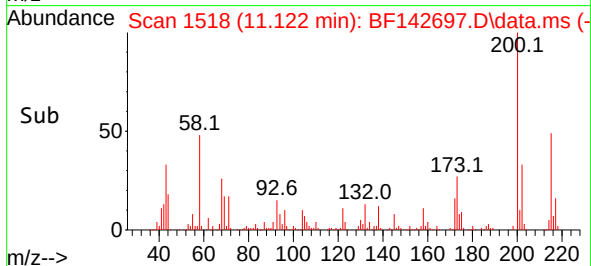
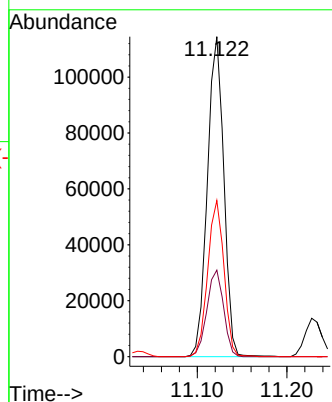
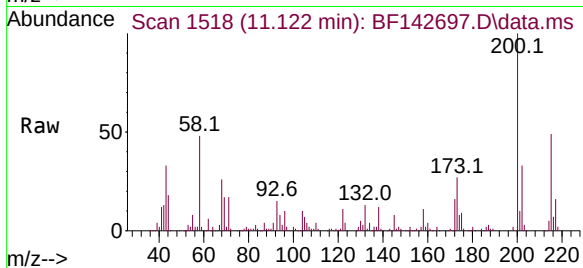
Tgt Ion:200 Resp: 145590

Ion Ratio Lower Upper

200 100

173 27.0 7.4 47.4

215 48.8 28.9 68.9



#70

Pentachlorophenol

Concen: 39.532 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

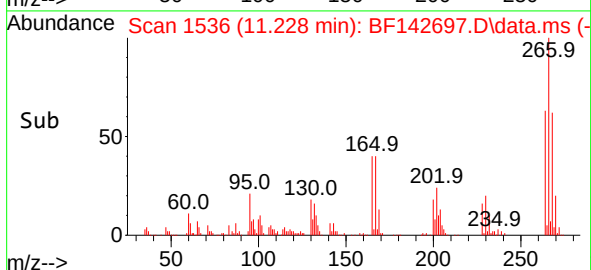
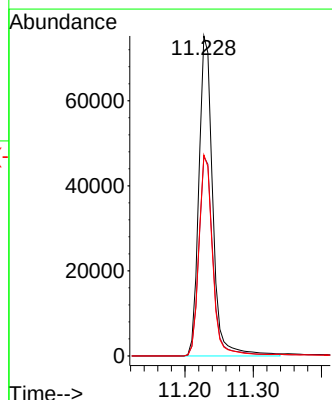
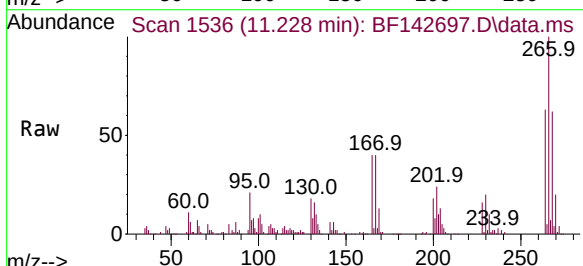
Tgt Ion:266 Resp: 106526

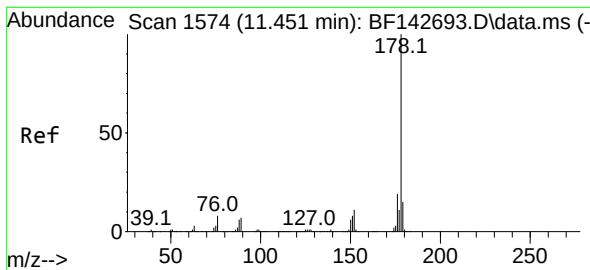
Ion Ratio Lower Upper

266 100

268 62.3 50.8 76.2

264 62.8 49.7 74.5





#71

Phenanthrene

Concen: 38.529 ng

RT: 11.451 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

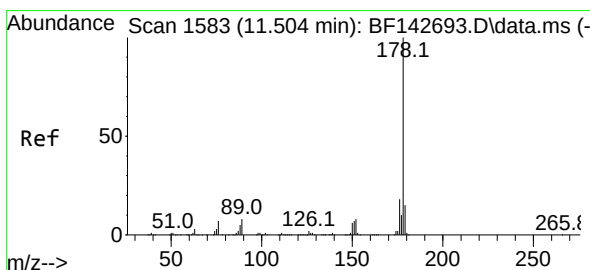
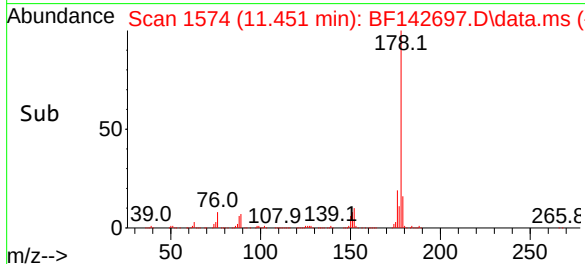
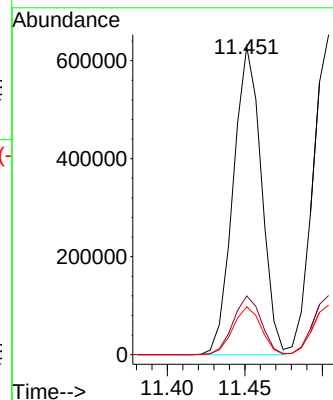
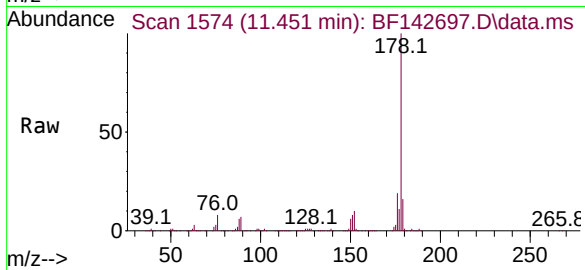
Tgt Ion:178 Resp: 794668

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.6 12.4 18.6



#72

Anthracene

Concen: 38.091 ng

RT: 11.504 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

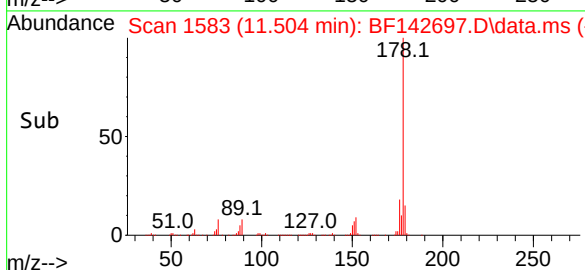
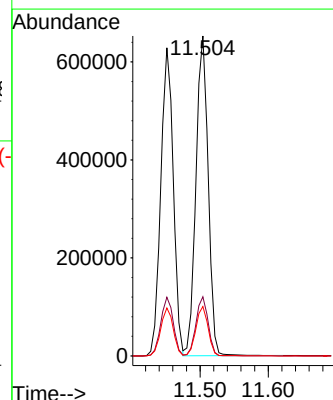
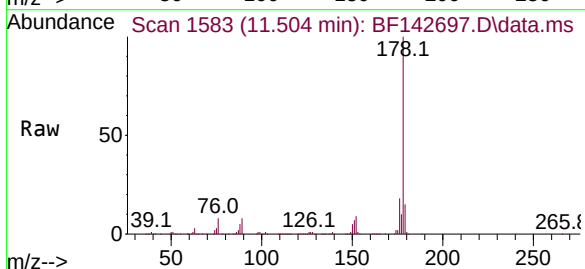
Tgt Ion:178 Resp: 815309

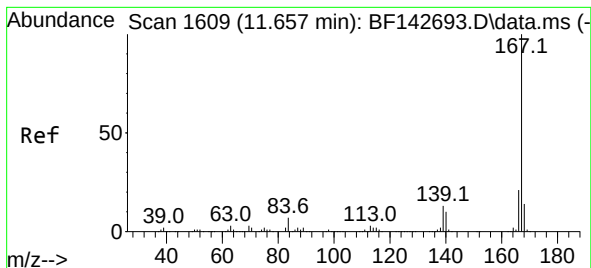
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.2 18.2





#73

Carbazole

Concen: 38.013 ng

RT: 11.657 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

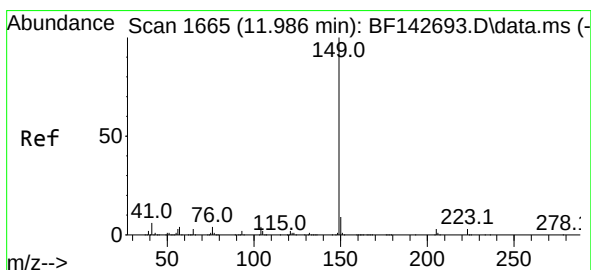
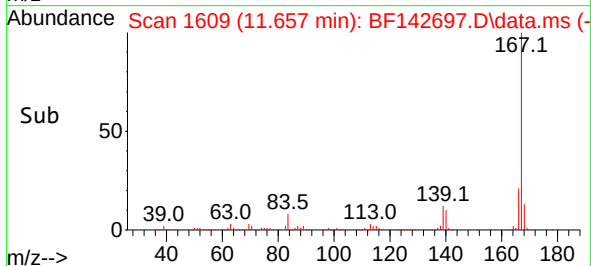
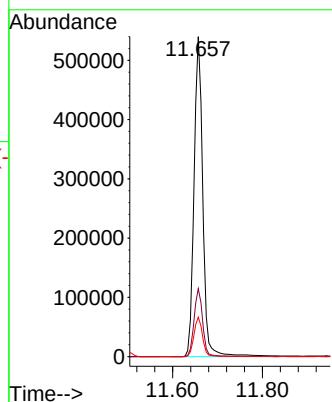
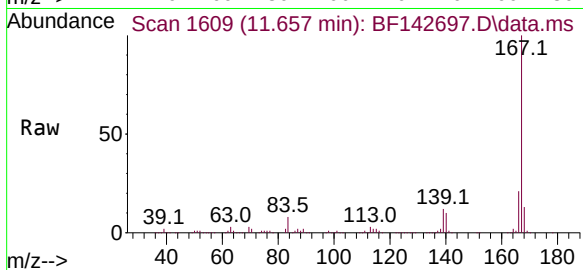
Tgt Ion:167 Resp: 732650

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 12.4 10.1 15.1



#74

Di-n-butylphthalate

Concen: 38.971 ng

RT: 11.980 min Scan# 1664

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

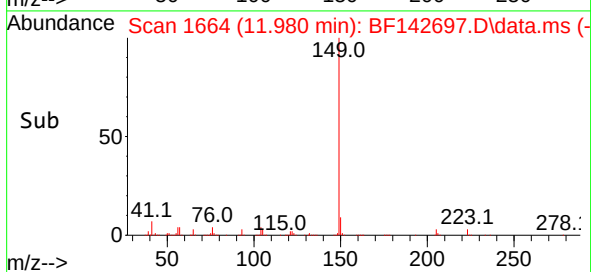
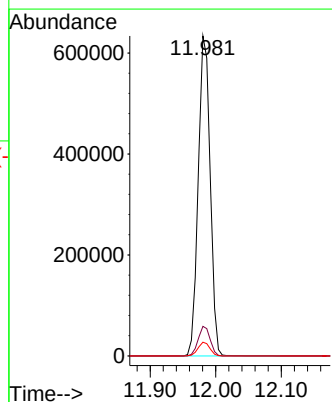
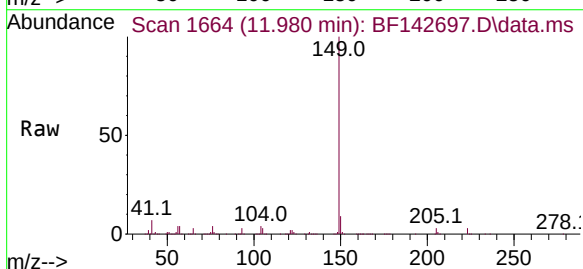
Tgt Ion:149 Resp: 797398

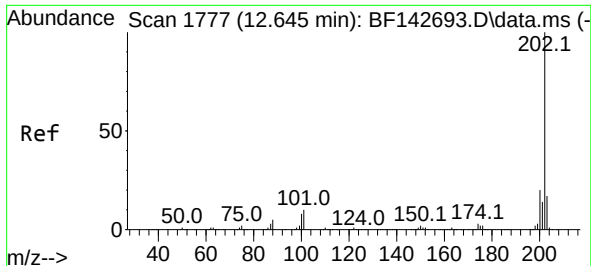
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.3 3.3 4.9

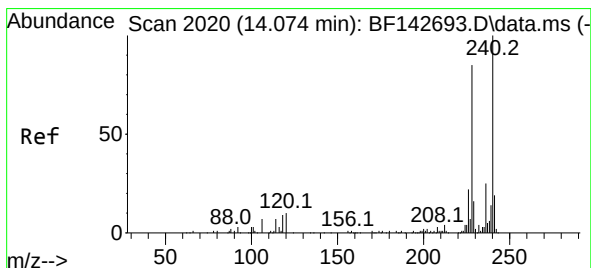
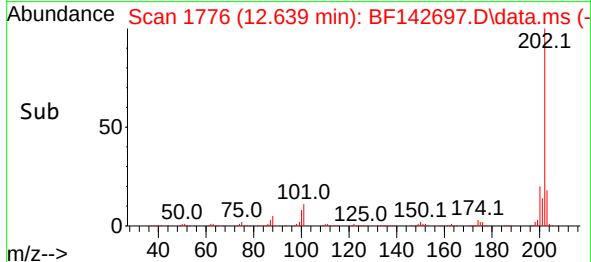
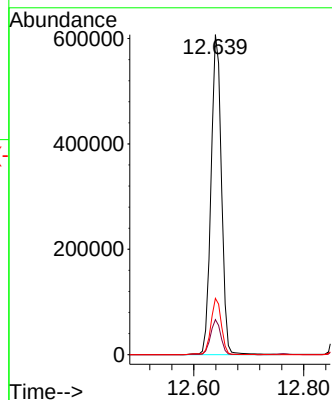
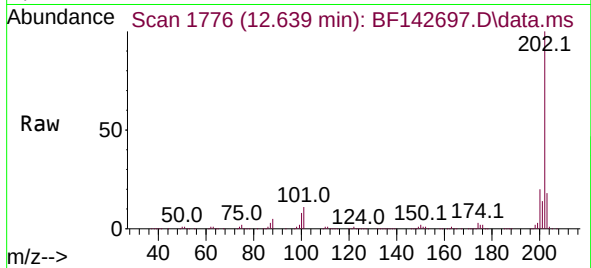




#75
Fluoranthene
Concen: 38.690 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

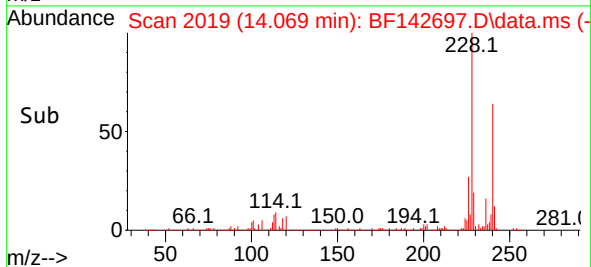
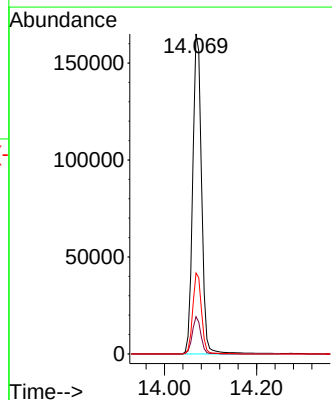
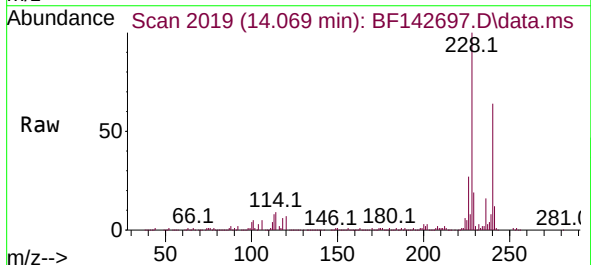
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

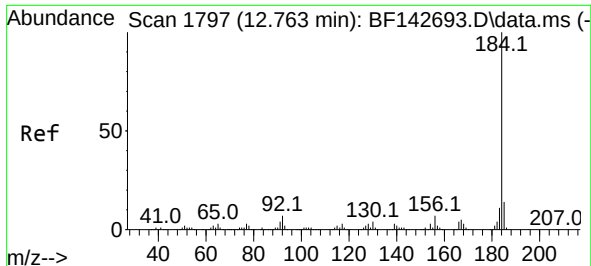
Tgt Ion:202 Resp: 799546
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:240 Resp: 221007
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 25.3 20.2 30.2

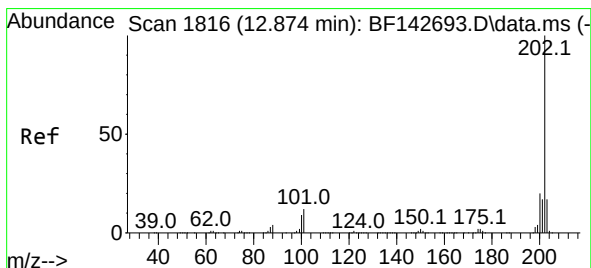
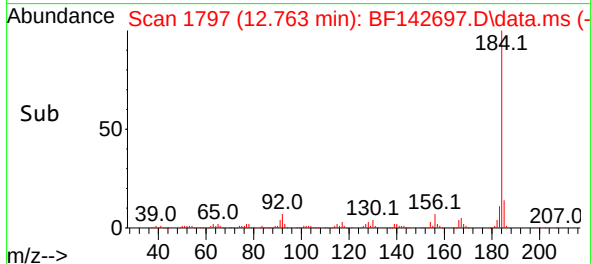
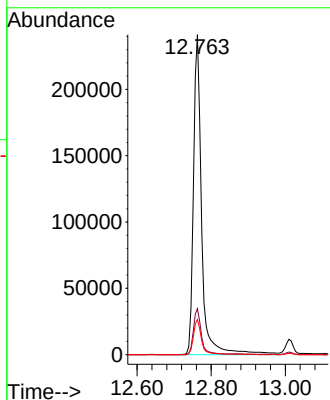
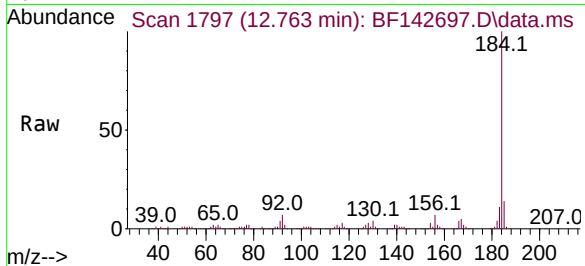




#77
Benzidine
Concen: 48.621 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

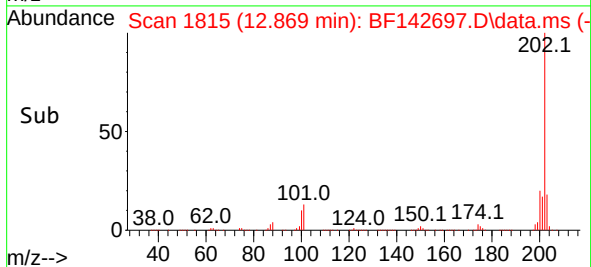
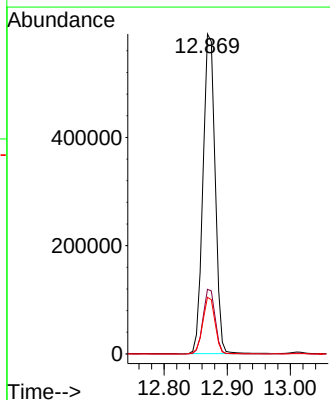
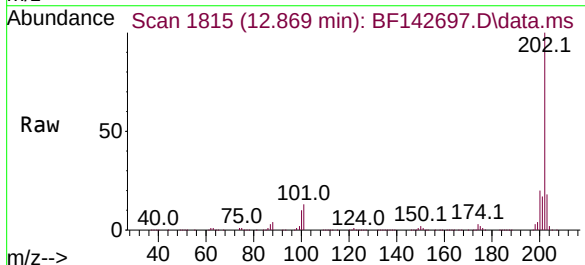
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

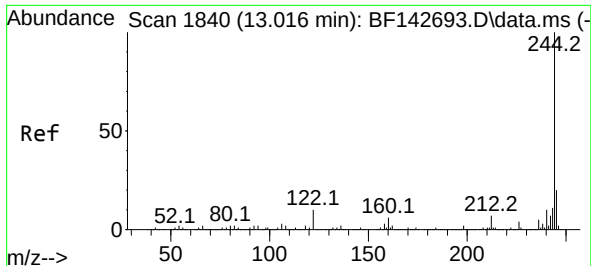
Tgt Ion:184 Resp: 370858
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.0 8.9 13.3



#78
Pyrene
Concen: 43.787 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:202 Resp: 788543
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 17.7 13.9 20.9

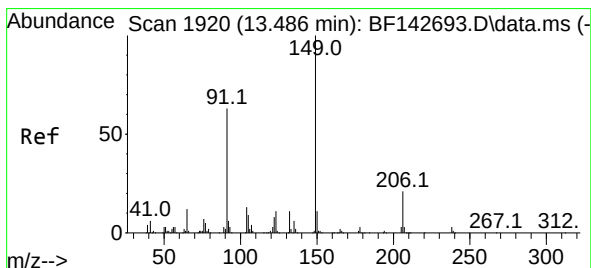
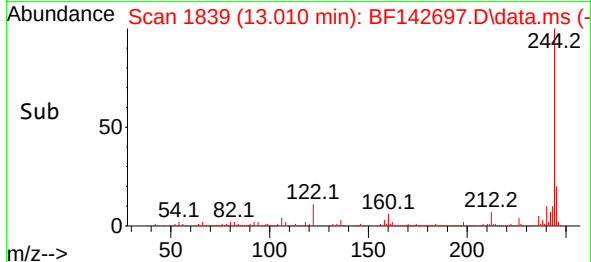
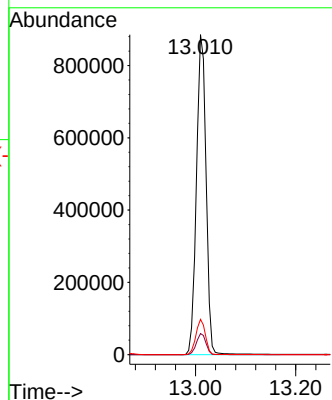
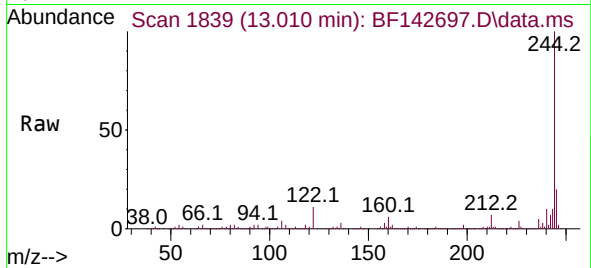




#79
 Terphenyl-d14
 Concen: 84.258 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

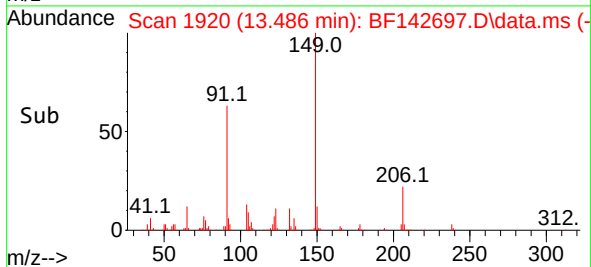
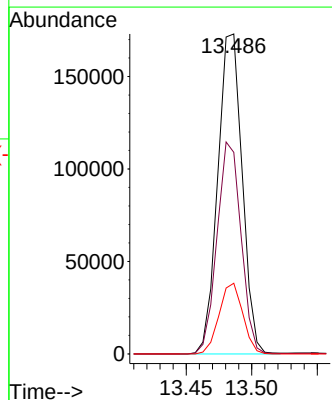
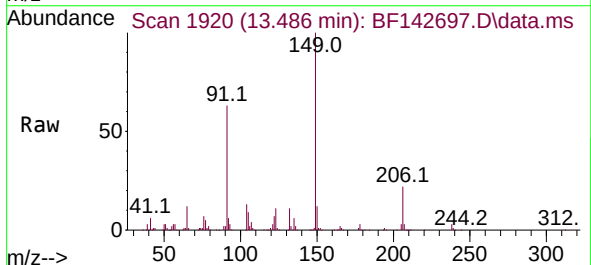
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060925

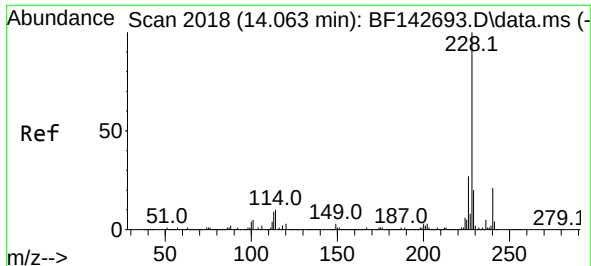
Tgt Ion:244 Resp: 1177445
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 40.571 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. 0.000 min
 Lab File: BF142697.D
 Acq: 09 Jun 2025 17:30

Tgt Ion:149 Resp: 224998
 Ion Ratio Lower Upper
 149 100
 91 63.0 50.5 75.7
 206 22.1 16.9 25.3

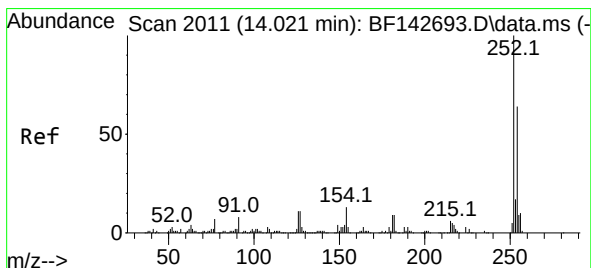
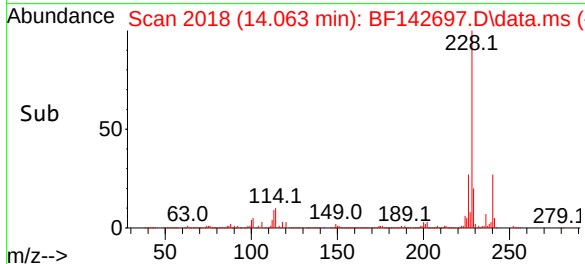
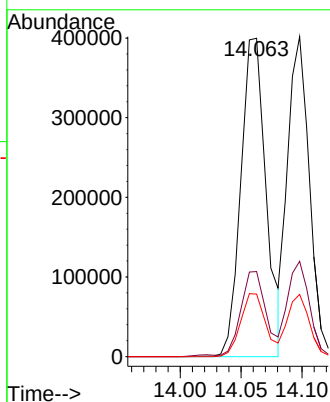
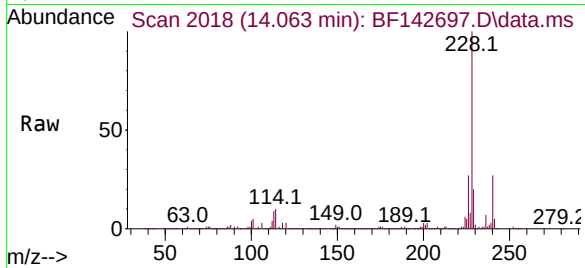




#81
Benzo(a)anthracene
Concen: 40.313 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

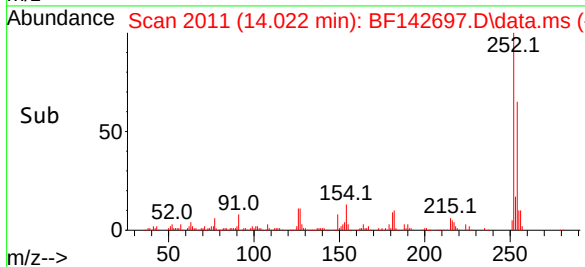
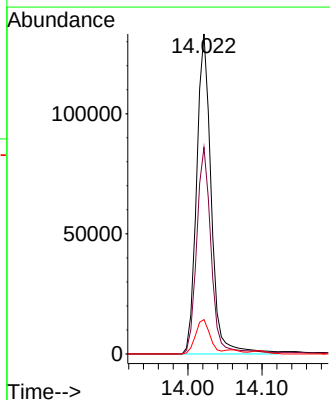
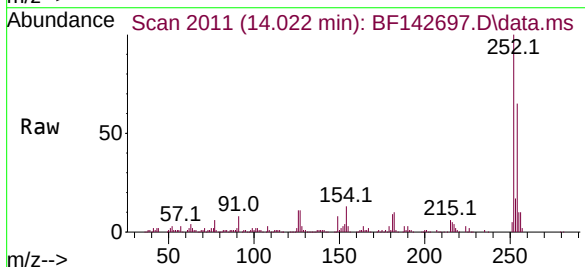
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

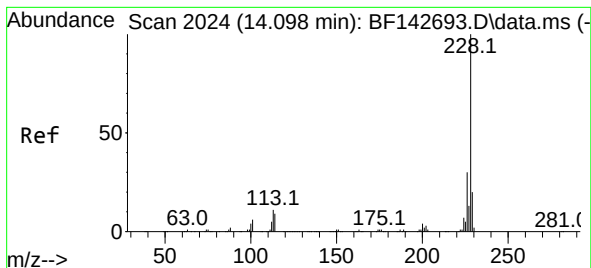
Tgt Ion:228 Resp: 578210
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.901 ng
RT: 14.022 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:252 Resp: 182938
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 10.7 9.1 13.7





#83

Chrysene

Concen: 37.045 ng

RT: 14.098 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

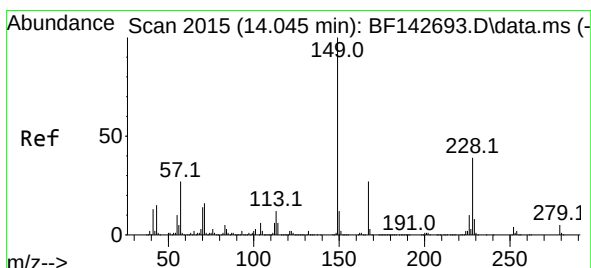
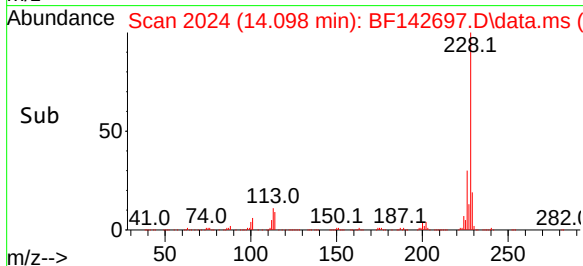
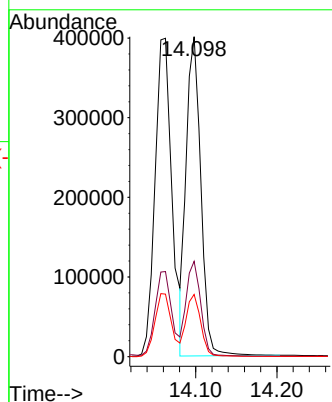
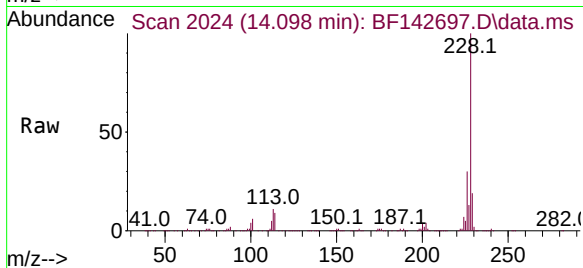
Tgt Ion:228 Resp: 503279

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.760 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

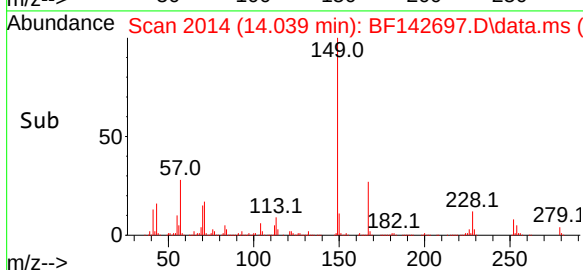
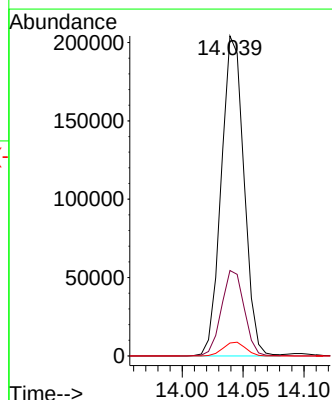
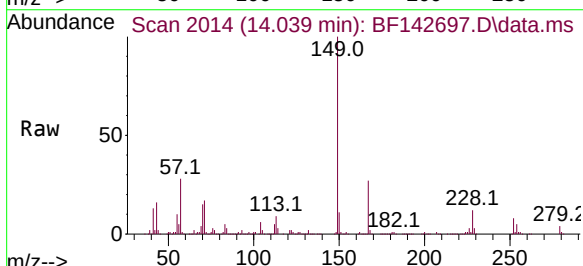
Tgt Ion:149 Resp: 264417

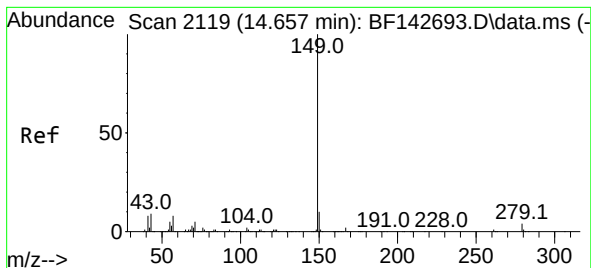
Ion Ratio Lower Upper

149 100

167 26.7 21.9 32.9

279 4.0 3.6 5.4

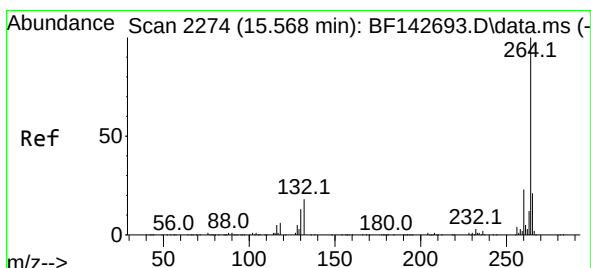
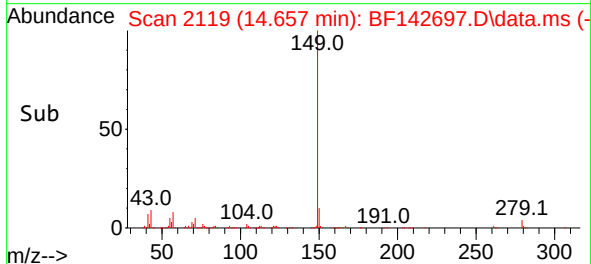
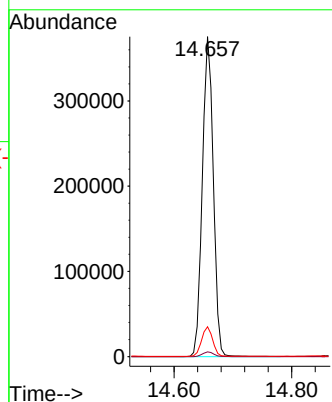
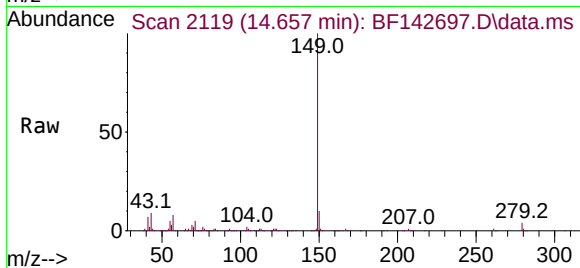




#85
Di-n-octyl phthalate
Concen: 39.464 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

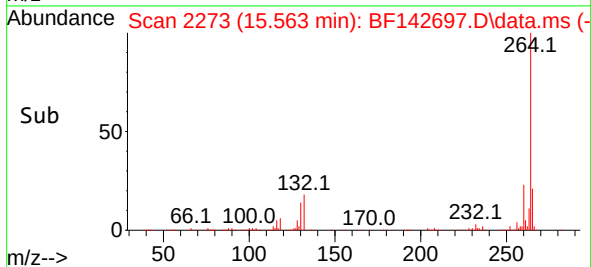
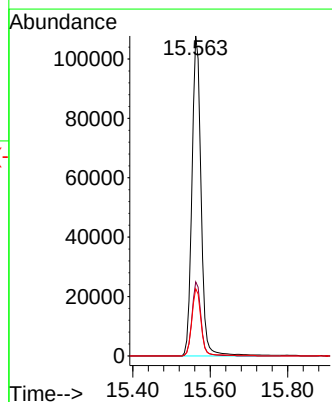
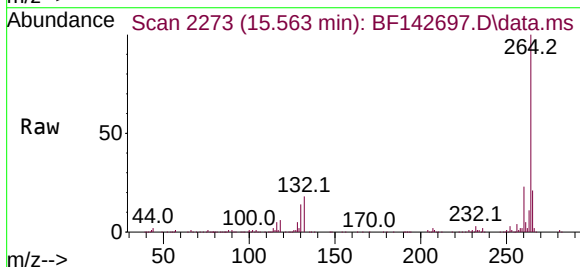
Instrument :
BNA_F
ClientSampleId :
ICVBF060925

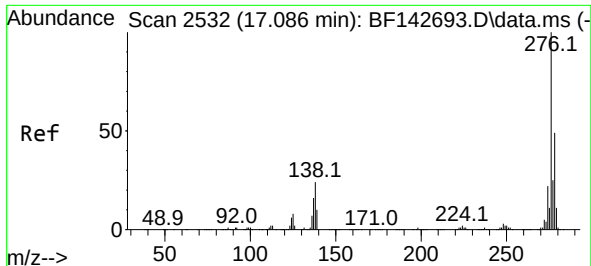
Tgt Ion:149 Resp: 485987
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

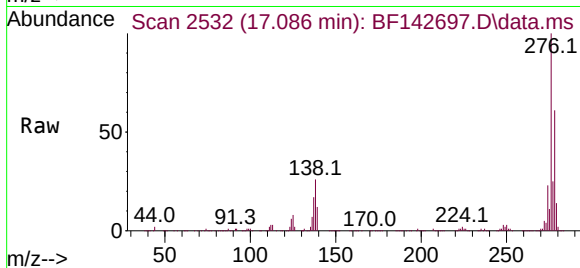
Tgt Ion:264 Resp: 176509
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.0 17.0 25.4



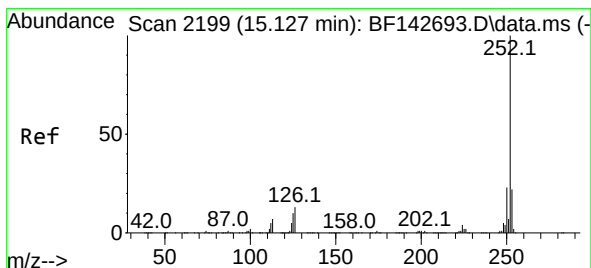
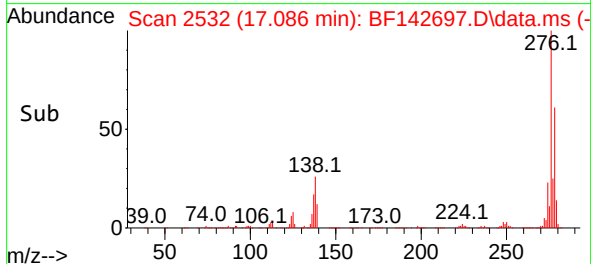
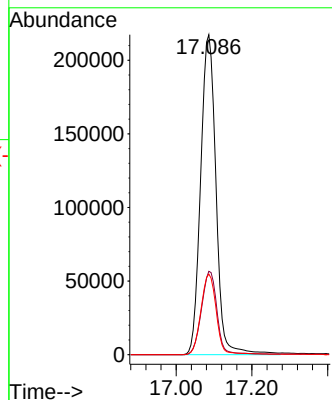


#87
Indeno(1,2,3-cd)pyrene
Concen: 48.998 ng
RT: 17.086 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

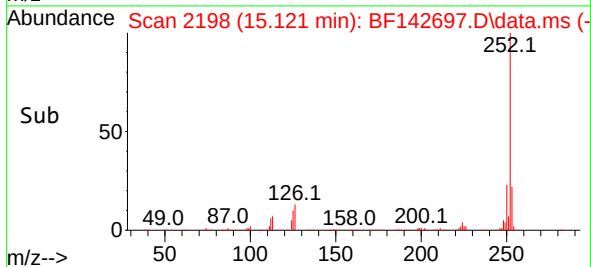
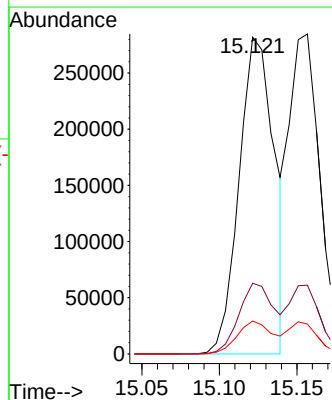
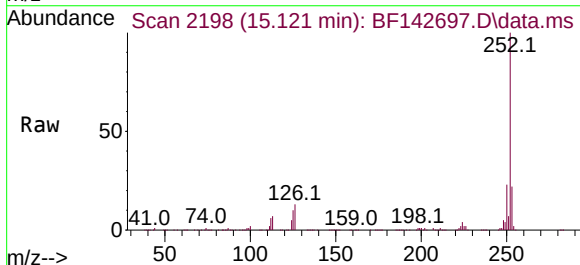


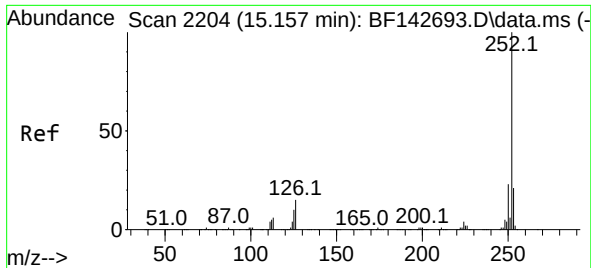
Tgt Ion:276 Resp: 611767
Ion Ratio Lower Upper
276 100
138 26.6 20.8 31.2
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 42.464 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:252 Resp: 447796
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 40.769 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

Instrument :

BNA_F

ClientSampleId :

ICVBF060925

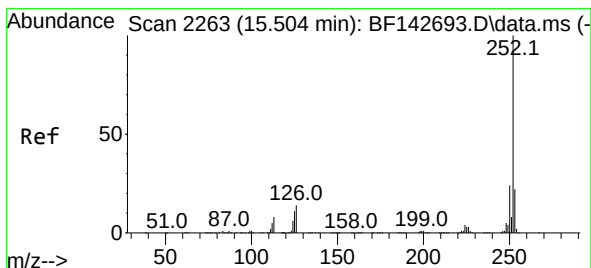
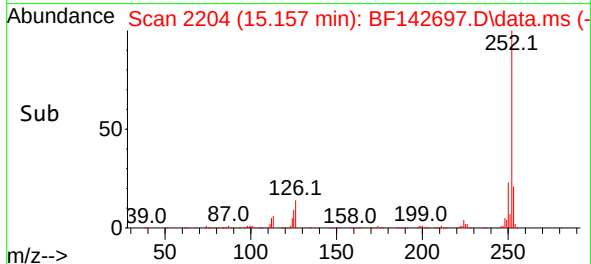
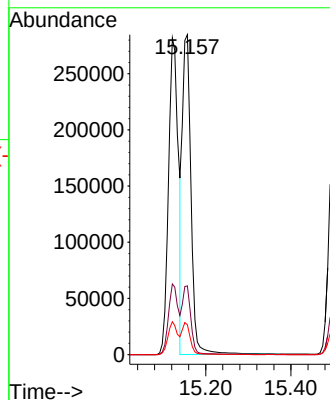
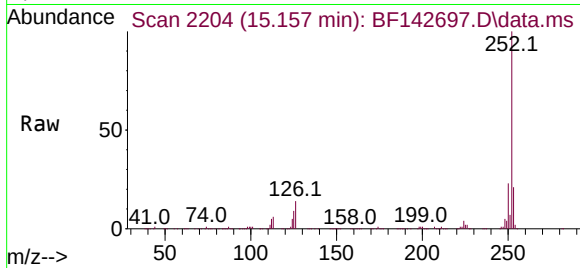
Tgt Ion:252 Resp: 404568

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 9.3 7.7 11.5



#90

Benzo(a)pyrene

Concen: 39.196 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142697.D

Acq: 09 Jun 2025 17:30

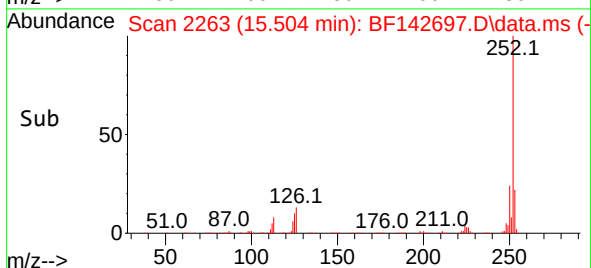
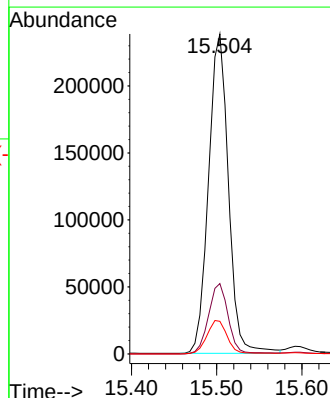
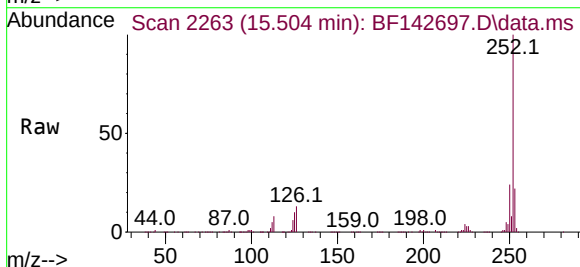
Tgt Ion:252 Resp: 387327

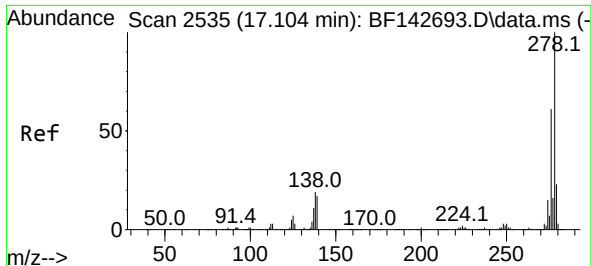
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.2 8.8 13.2

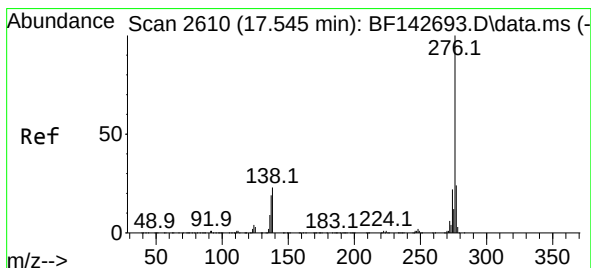
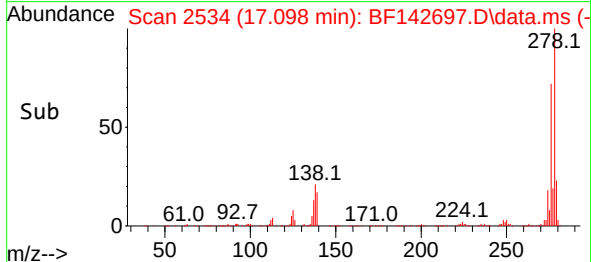
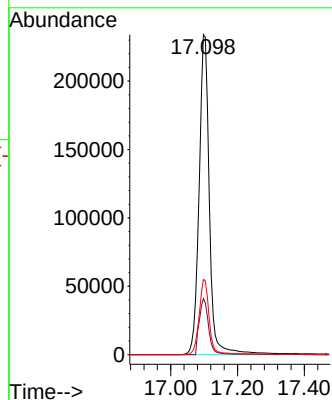
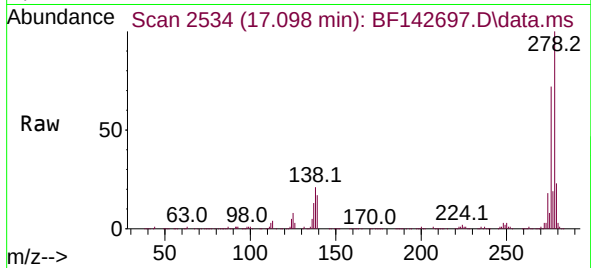




#91
Dibenzo(a,h)anthracene
Concen: 49.811 ng
RT: 17.098 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Instrument :
BNA_F
ClientSampleId :
ICVBF060925

Tgt Ion:278 Resp: 500646
Ion Ratio Lower Upper
278 100
139 17.5 13.4 20.0
279 23.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 47.968 ng
RT: 17.545 min Scan# 2610
Delta R.T. 0.000 min
Lab File: BF142697.D
Acq: 09 Jun 2025 17:30

Tgt Ion:276 Resp: 499240
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 22.5 18.2 27.2

