

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
 Data File : BF142914.D
 Acq On : 30 Jun 2025 13:17
 Operator : RC/JU
 Sample : Q2430-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMSD

Quant Time: Jun 30 13:49:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	110394	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	429125	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	237255	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439577	20.000	ng	0.00
76) Chrysene-d12	14.063	240	267586	20.000	ng	0.00
86) Perylene-d12	15.551	264	284395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	589585	88.919	ng	0.03
7) Phenol-d6	6.522	99	718865	91.894	ng	0.01
23) Nitrobenzene-d5	7.445	82	446908	57.124	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	251453	102.991	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	964853	53.424	ng	0.00
79) Terphenyl-d14	12.998	244	1063719	54.926	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	97687	36.834	ng	98
3) Pyridine	3.569	79	262762	39.521	ng	96
4) n-Nitrosodimethylamine	3.534	42	144546	42.042	ng	99
6) Aniline	6.545	93	302665	29.078	ng	# 69
8) 2-Chlorophenol	6.669	128	317052	44.327	ng	98
9) Benzaldehyde	6.434	77	132287	28.503	ng	100
10) Phenol	6.534	94	365970	42.087	ng	83
11) bis(2-Chloroethyl)ether	6.616	93	272133	43.787	ng	98
12) 1,3-Dichlorobenzene	6.822	146	336218	42.031	ng	100
13) 1,4-Dichlorobenzene	6.898	146	339085	42.015	ng	99
14) 1,2-Dichlorobenzene	7.051	146	324004	42.326	ng	99
15) Benzyl Alcohol	7.028	79	258053	45.630	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	393052	39.364	ng	71
17) 2-Methylphenol	7.139	107	240647	44.398	ng	95
18) Hexachloroethane	7.392	117	121020	42.871	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	205016	45.061	ng	97
20) 3+4-Methylphenols	7.292	107	303469	44.904	ng	99
22) Acetophenone	7.292	105	412283	43.568	ng	# 98
24) Nitrobenzene	7.463	77	302074	42.660	ng	99
25) Isophorone	7.704	82	561857	44.769	ng	100
26) 2-Nitrophenol	7.781	139	178819	46.358	ng	99
27) 2,4-Dimethylphenol	7.822	122	292307	43.748	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	348800	43.716	ng	100
29) 2,4-Dichlorophenol	8.028	162	270738	44.689	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	285079	42.793	ng	99
31) Naphthalene	8.186	128	898275	42.765	ng	100
32) Benzoic acid	7.957	122	144109	42.317	ng	97
33) 4-Chloroaniline	8.234	127	117242	13.727	ng	99
34) Hexachlorobutadiene	8.298	225	175332	43.028	ng	99
35) Caprolactam	8.628	113	47755	29.872	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	285073	47.347	ng	98
37) 2-Methylnaphthalene	8.875	142	569691	43.747	ng	99
38) 1-Methylnaphthalene	8.981	142	591674	43.891	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	292815	41.827	ng	98
41) Hexachlorocyclopentadiene	9.028	237	307393	77.376	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	198396	43.491	ng	99

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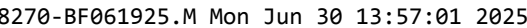
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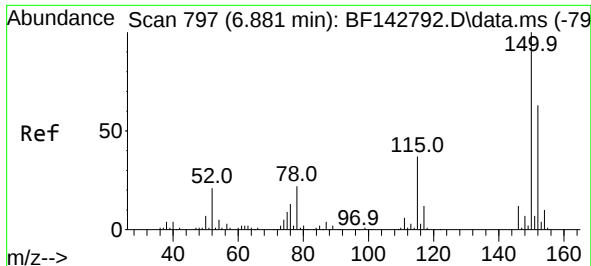
Quant Time: Jun 30 13:49:55 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	212273	44.205	ng	99
46) 1,1'-Biphenyl	9.345	154	779647	41.599	ng	100
47) 2-Chloronaphthalene	9.369	162	589551	41.918	ng	99
48) 2-Nitroaniline	9.469	65	180886	45.875	ng	95
49) Acenaphthylene	9.786	152	977274	42.209	ng	100
50) Dimethylphthalate	9.651	163	721236	46.963	ng	100
51) 2,6-Dinitrotoluene	9.710	165	158408	46.968	ng	97
52) Acenaphthene	9.957	154	570760	40.404	ng	100
53) 3-Nitroaniline	9.880	138	106442	28.665	ng	99
54) 2,4-Dinitrophenol	9.992	184	110371	65.356	ng	97
55) Dibenzofuran	10.133	168	856627	42.289	ng	100
56) 4-Nitrophenol	10.057	139	268103	105.463	ng	97
57) 2,4-Dinitrotoluene	10.122	165	217368	48.521	ng	# 88
58) Fluorene	10.475	166	690003	43.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	180513	46.635	ng	97
60) Diethylphthalate	10.345	149	734120	48.753	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	329879	43.698	ng	98
62) 4-Nitroaniline	10.504	138	176766	52.050	ng	98
63) Azobenzene	10.622	77	654963	48.667	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	101246	38.079	ng	98
66) n-Nitrosodiphenylamine	10.586	169	622140	40.837	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	210753	42.127	ng	99
68) Hexachlorobenzene	11.022	284	232514	41.827	ng	99
69) Atrazine	11.116	200	213613	54.298	ng	98
70) Pentachlorophenol	11.222	266	229534	82.864	ng	99
71) Phenanthrene	11.439	178	1002078	42.083	ng	99
72) Anthracene	11.492	178	1029114	42.140	ng	99
73) Carbazole	11.645	167	959921	45.549	ng	99
74) Di-n-butylphthalate	11.969	149	1187601	54.094	ng	100
75) Fluoranthene	12.627	202	1052967	46.594	ng	99
77) Benzidine	12.745	184	317334	31.564	ng	100
78) Pyrene	12.857	202	1050214	41.871	ng	99
80) Butylbenzylphthalate	13.468	149	445864	61.282	ng	99
81) Benzo(a)anthracene	14.051	228	793975	43.984	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	107304	18.326	ng	99
83) Chrysene	14.086	228	707737	43.938	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	570793	54.528	ng	99
85) Di-n-octyl phthalate	14.645	149	844081	42.763	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	655902	30.279	ng	98
88) Benzo(b)fluoranthene	15.115	252	740550	45.001	ng	100
89) Benzo(k)fluoranthene	15.145	252	727830	47.273	ng	99
90) Benzo(a)pyrene	15.492	252	717112	45.107	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	540782	30.725	ng	98
92) Benzo(g,h,i)perylene	17.527	276	451541	25.727	ng	98

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

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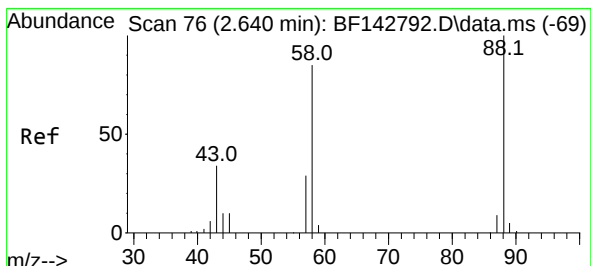
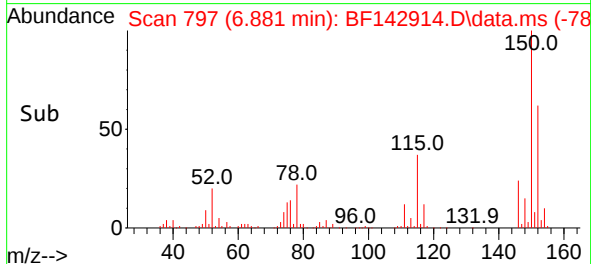
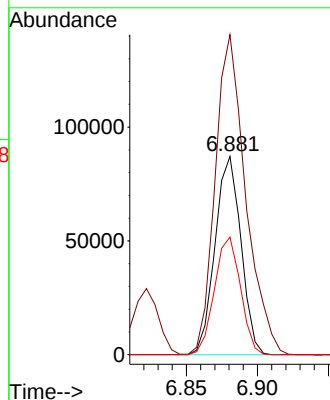
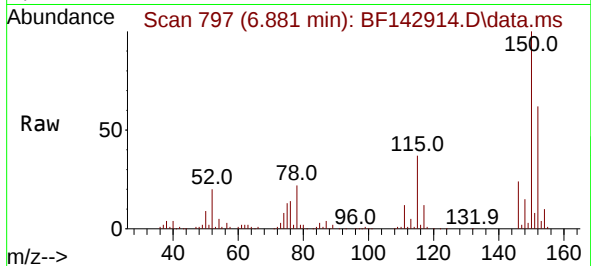




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

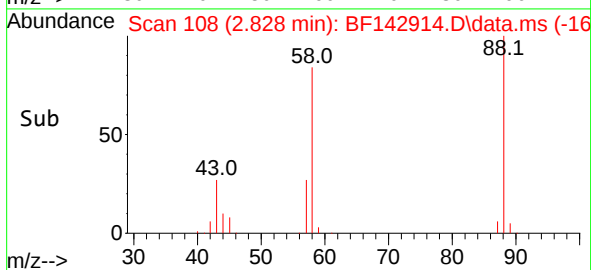
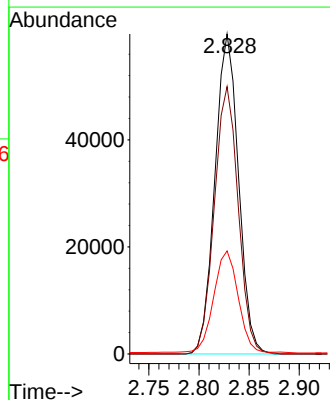
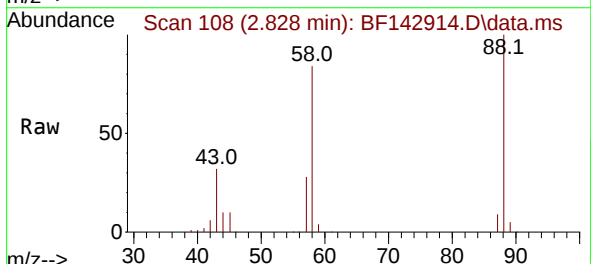
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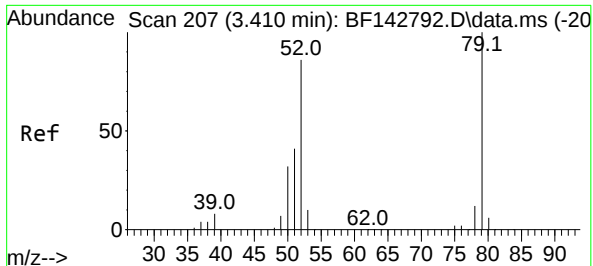
Tgt Ion:152 Resp: 110394
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.2 190.8
 115 59.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 36.834 ng
 RT: 2.828 min Scan# 108
 Delta R.T. 0.188 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

Tgt Ion: 88 Resp: 97687
 Ion Ratio Lower Upper
 88 100
 58 84.7 69.1 103.7
 43 33.8 27.4 41.2

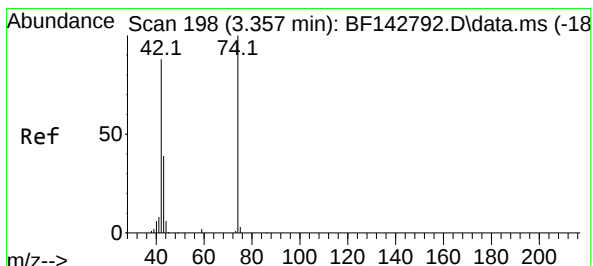
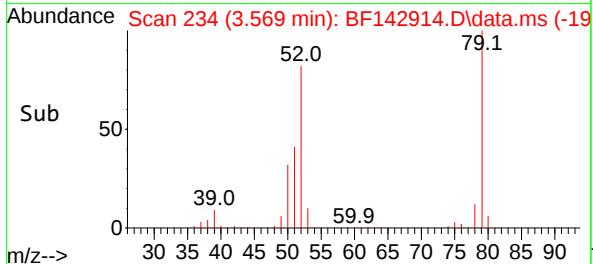
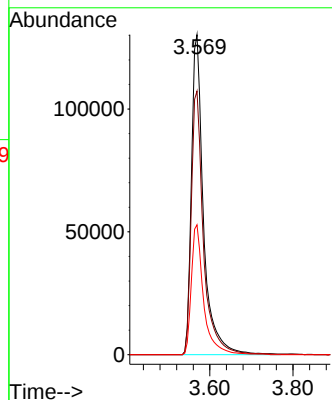
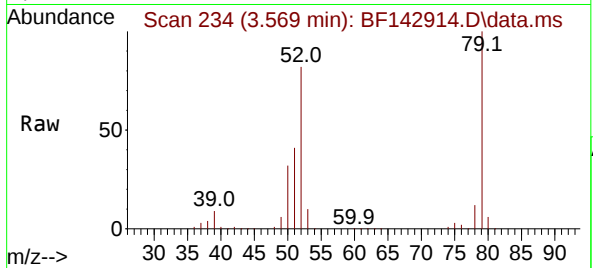




#3
Pyridine
Concen: 39.521 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.159 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

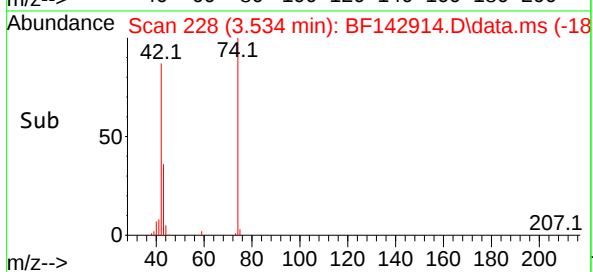
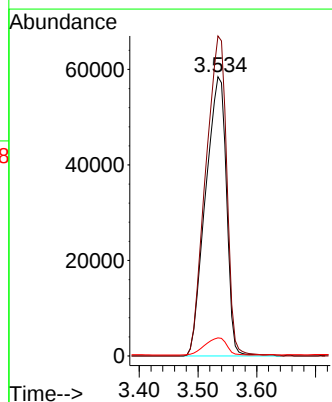
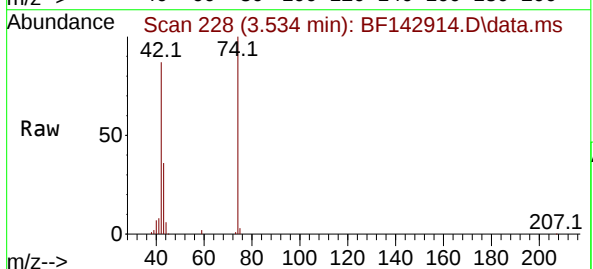
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BNA_F
ClientSampleId :
MH-E/FMSD

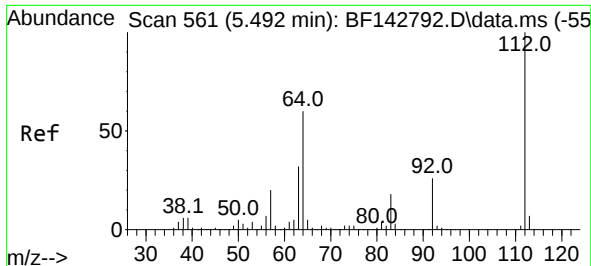
Tgt Ion: 79 Resp: 262762
Ion Ratio Lower Upper
79 100
52 82.4 69.2 103.8
51 40.6 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 42.042 ng
RT: 3.534 min Scan# 228
Delta R.T. 0.177 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 42 Resp: 144546
Ion Ratio Lower Upper
42 100
74 114.6 90.9 136.3
44 6.5 5.8 8.6

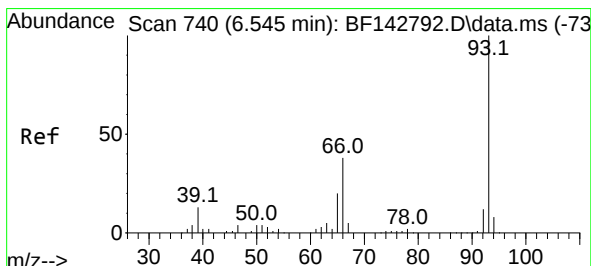
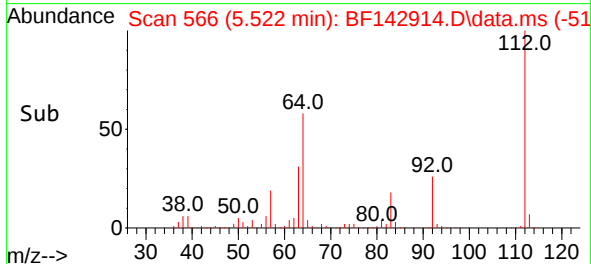
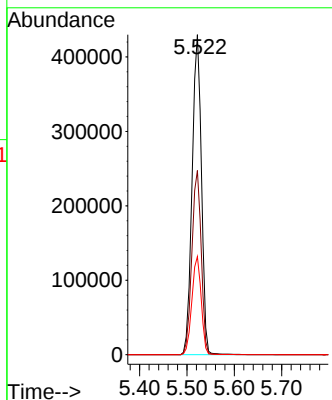
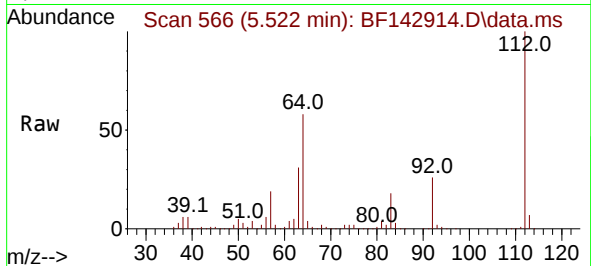




#5
2-Fluorophenol
Concen: 88.919 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

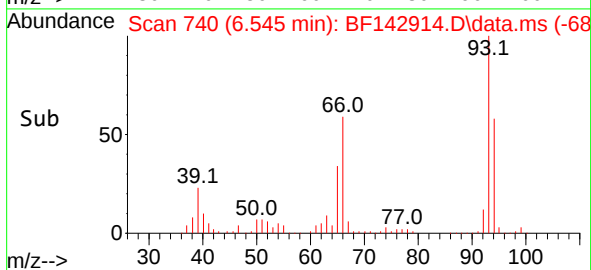
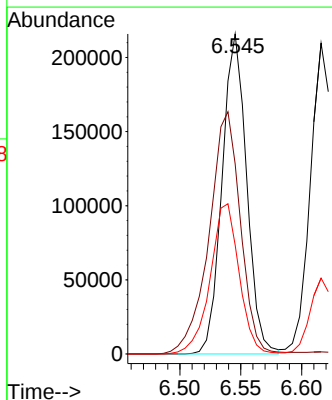
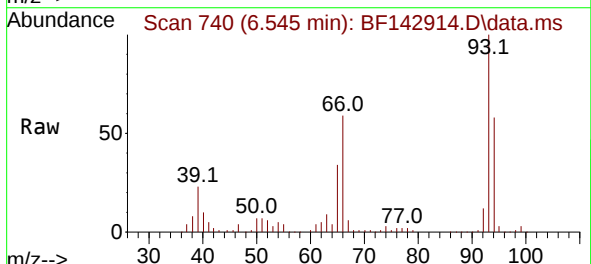
Instrument :
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ClientSampleId :
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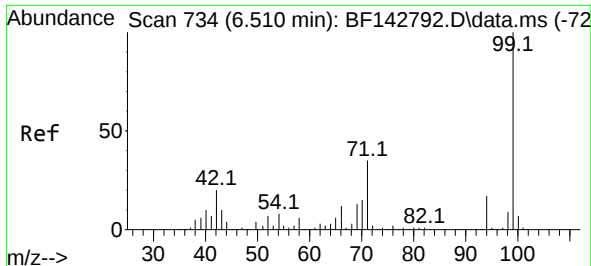
Tgt Ion:112 Resp: 589585
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 29.078 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 93 Resp: 302665
Ion Ratio Lower Upper
93 100
66 59.4 31.8 47.6#
65 34.0 16.2 24.2#

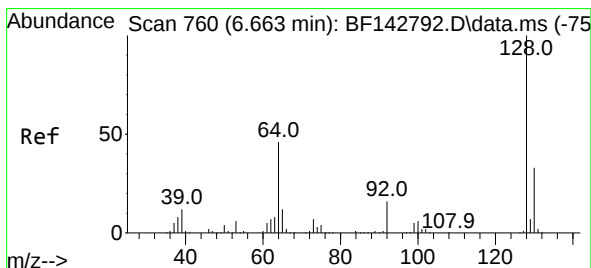
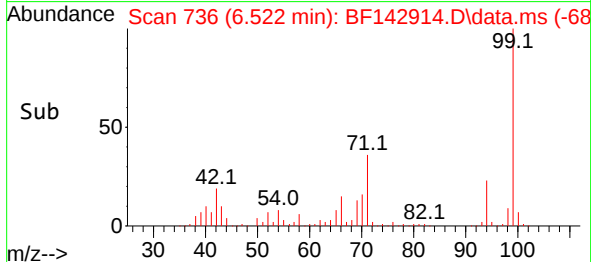
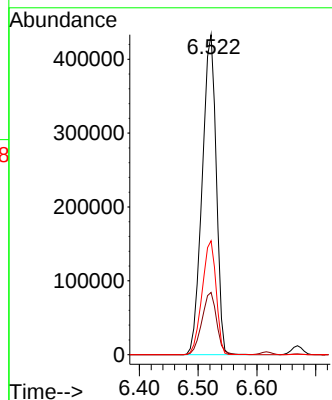
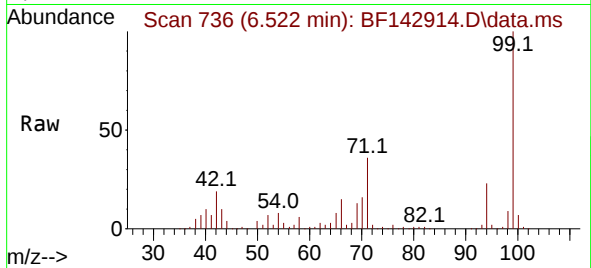




#7
Phenol-d6
Concen: 91.894 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

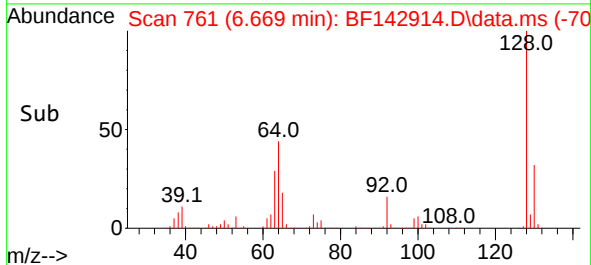
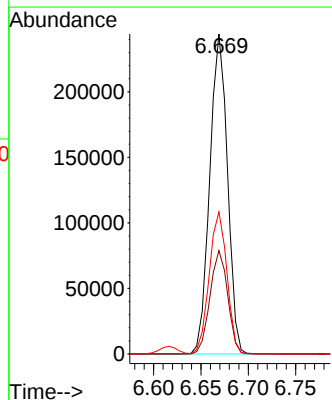
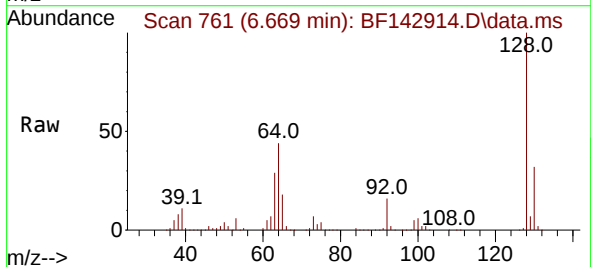
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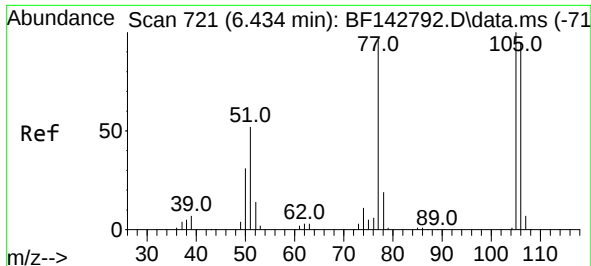
Tgt Ion: 99 Resp: 718865
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 35.6 27.8 41.8



#8
2-Chlorophenol
Concen: 44.327 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 128 Resp: 317052
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 44.4 26.5 66.5





#9

Benzaldehyde

Concen: 28.503 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

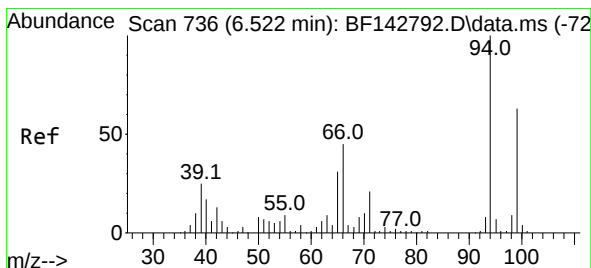
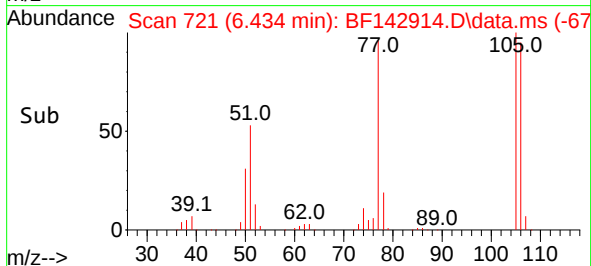
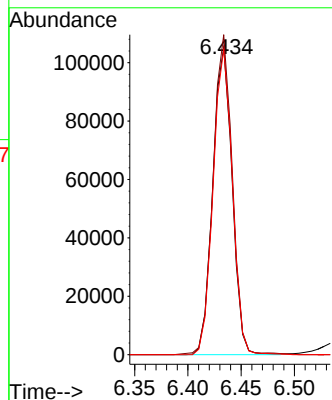
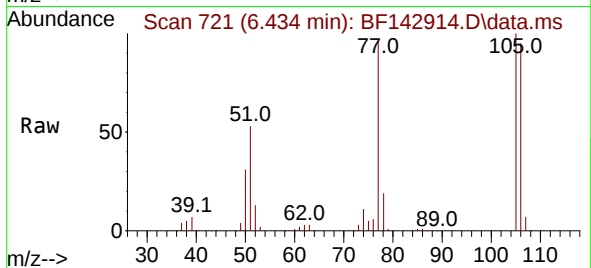
Tgt Ion: 77 Resp: 132287

Ion Ratio Lower Upper

77 100

105 103.9 83.8 123.8

106 99.2 78.7 118.7



#10

Phenol

Concen: 42.087 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.012 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

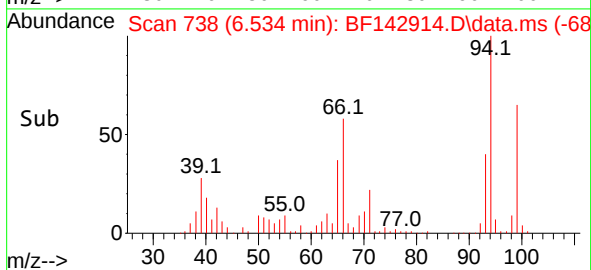
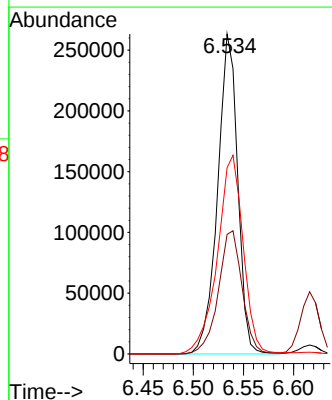
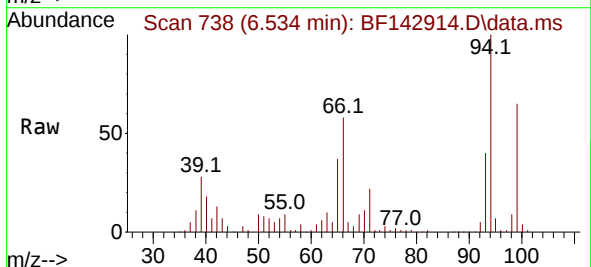
Tgt Ion: 94 Resp: 365970

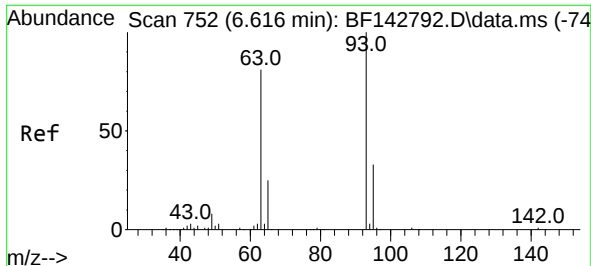
Ion Ratio Lower Upper

94 100

65 37.4 11.3 51.3

66 58.2 24.9 64.9

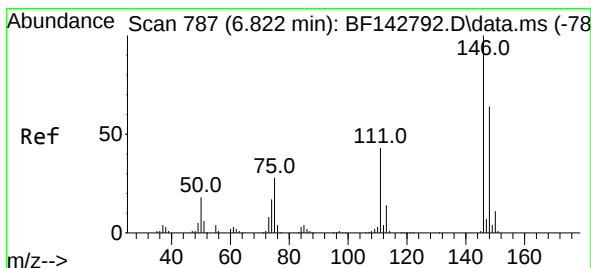
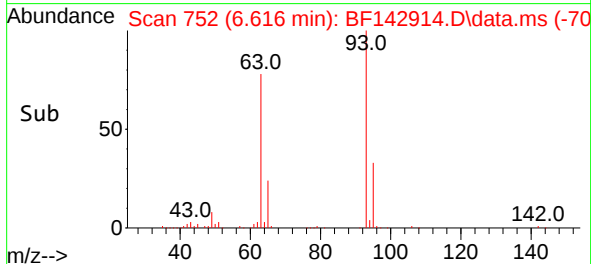
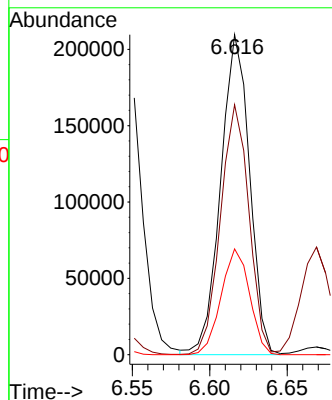
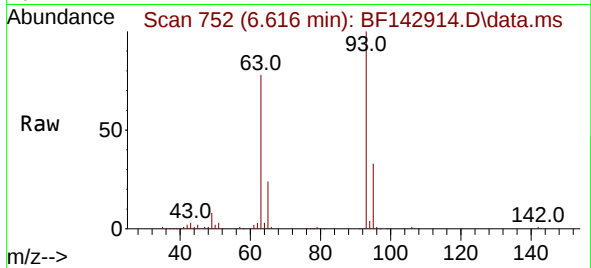




#11
bis(2-Chloroethyl)ether
Concen: 43.787 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

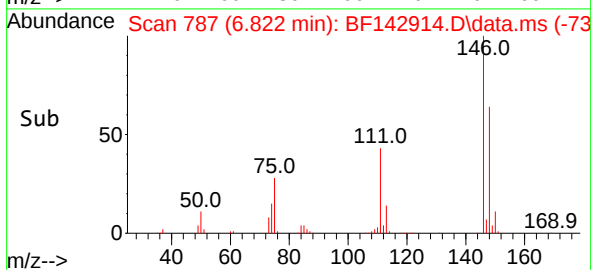
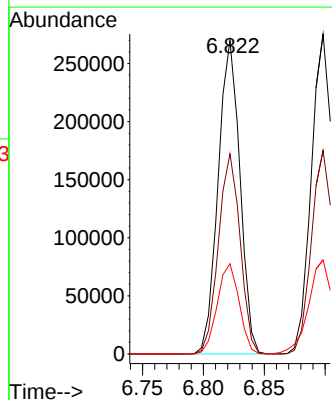
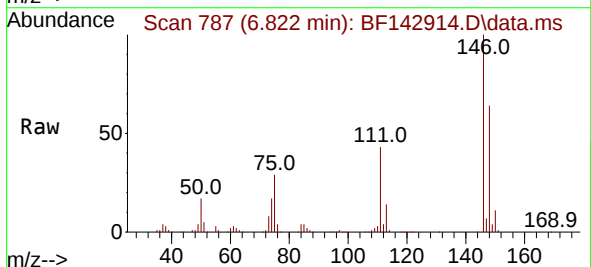
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

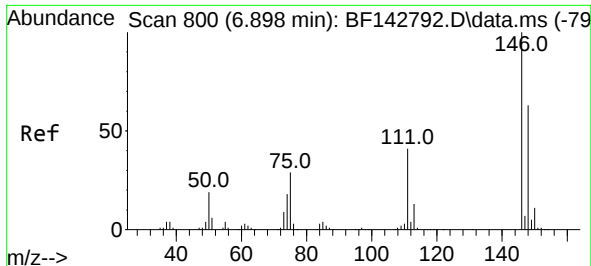
Tgt Ion: 93 Resp: 272133
Ion Ratio Lower Upper
93 100
63 78.1 60.3 100.3
95 33.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.031 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 146 Resp: 336218
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 28.8 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.015 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

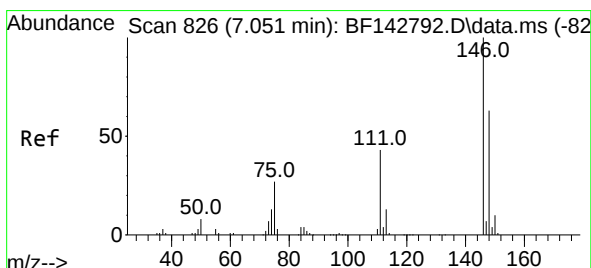
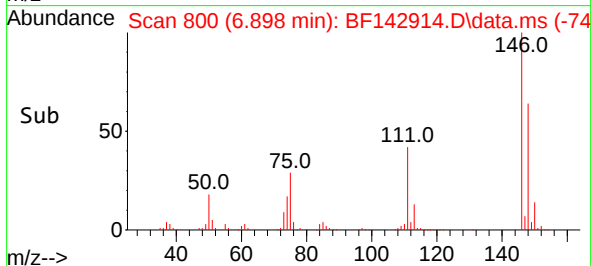
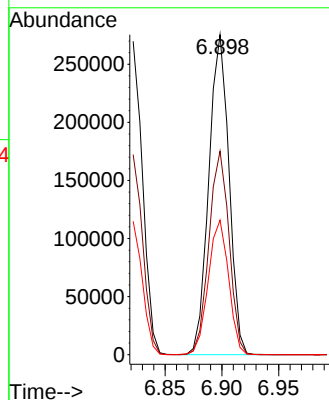
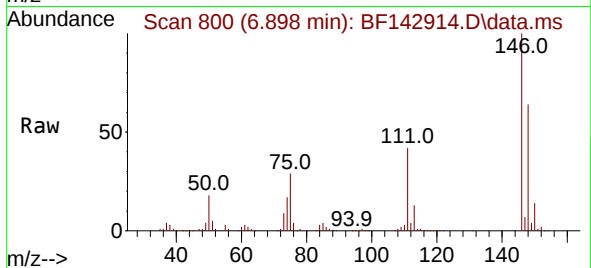
Tgt Ion:146 Resp: 339085

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 42.0 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.326 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

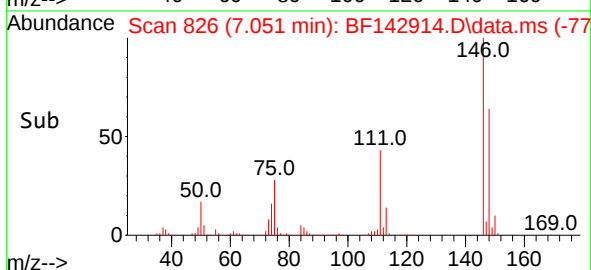
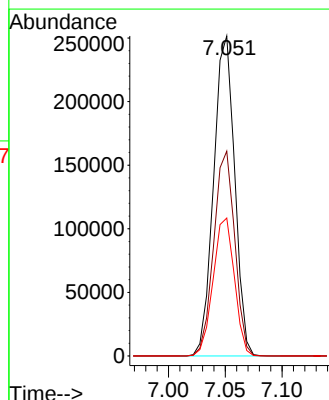
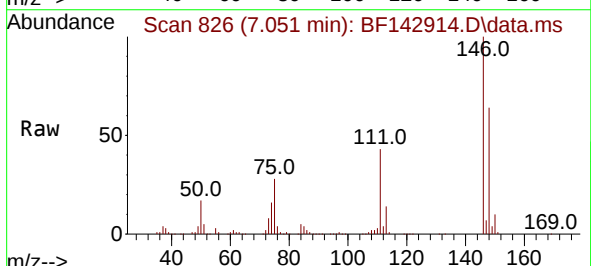
Tgt Ion:146 Resp: 324004

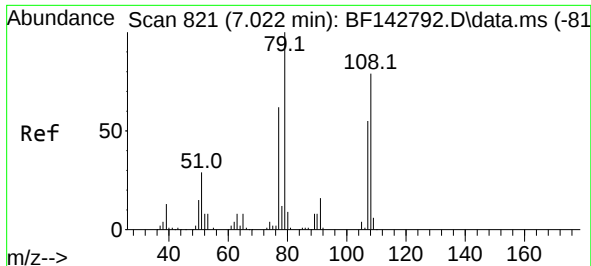
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

111 43.1 34.1 51.1

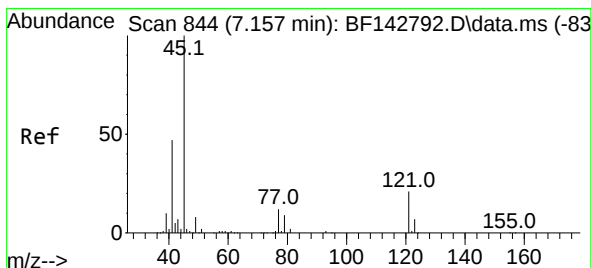
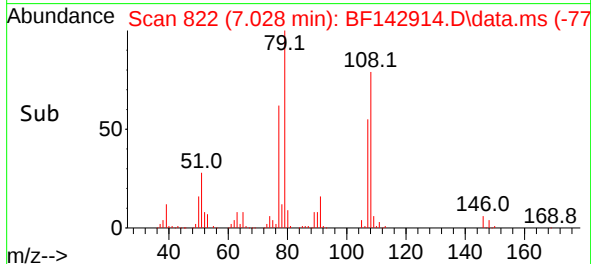
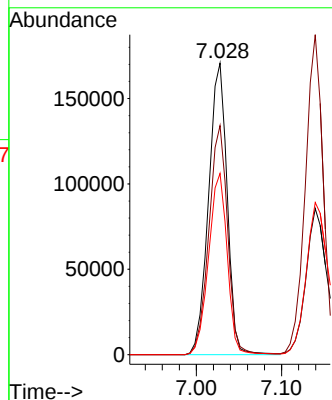
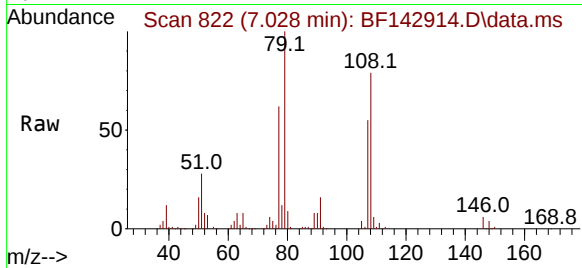




#15
Benzyl Alcohol
Concen: 45.630 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

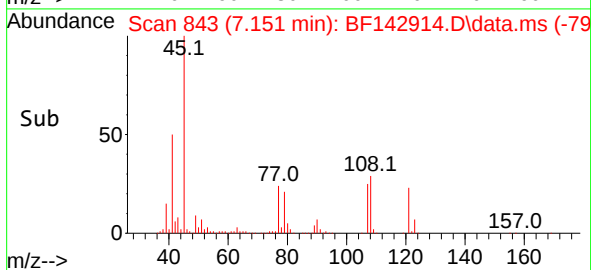
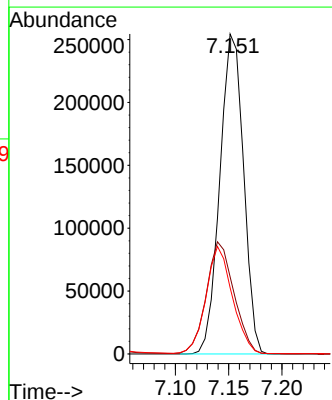
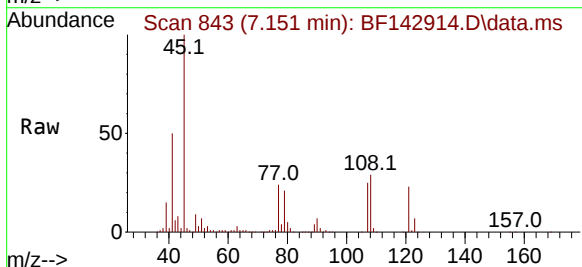
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

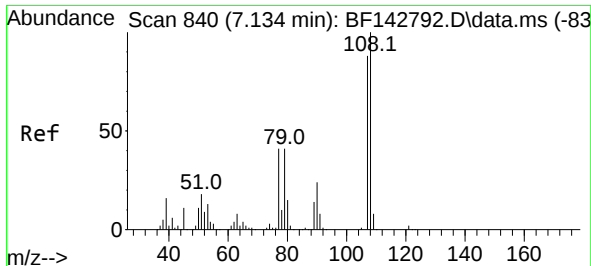
Tgt Ion: 79 Resp: 258053
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 62.2 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.364 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 45 Resp: 393052
Ion Ratio Lower Upper
45 100
77 24.1 0.0 32.8
79 20.7 0.0 29.8

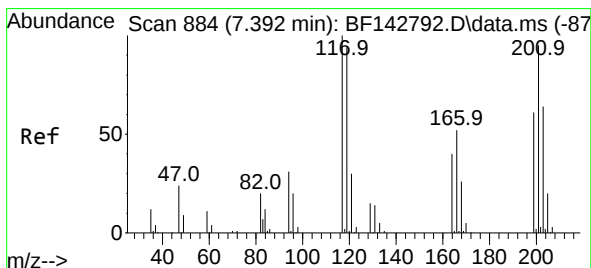
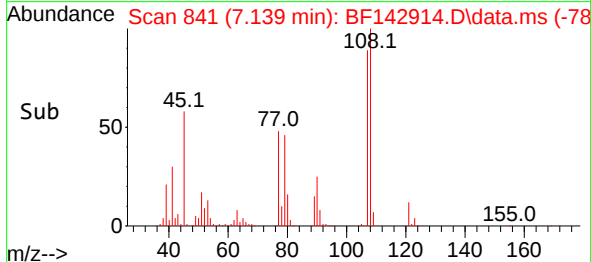
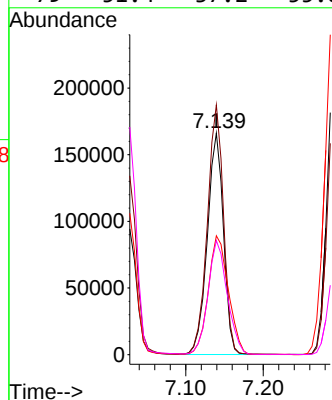
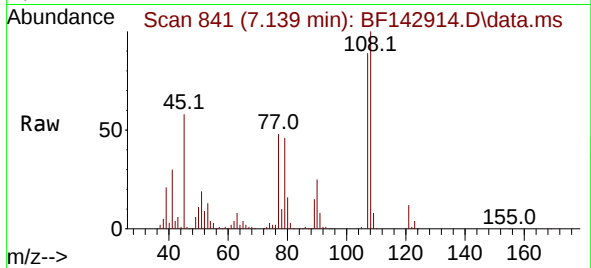




#17
2-Methylphenol
Concen: 44.398 ng
RT: 7.139 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

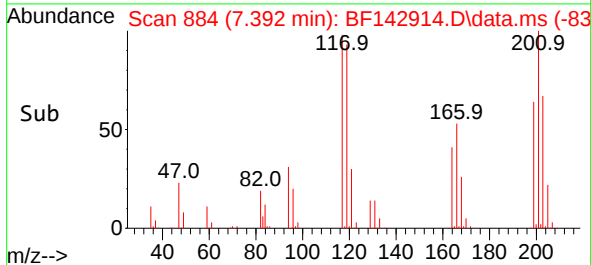
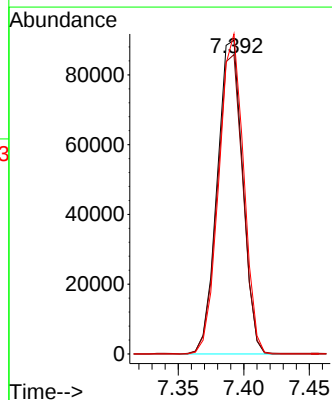
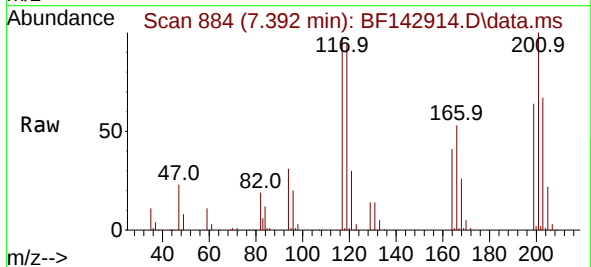
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

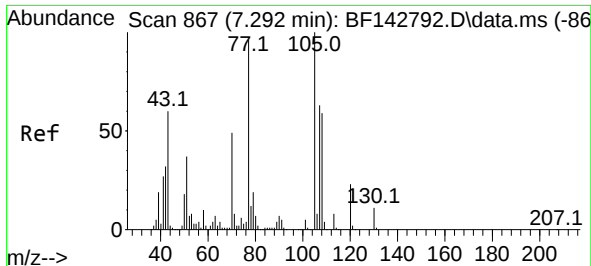
Tgt Ion:107 Resp: 240647
Ion Ratio Lower Upper
107 100
108 112.7 90.9 136.3
77 53.6 37.3 55.9
79 51.4 37.2 55.8



#18
Hexachloroethane
Concen: 42.871 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:117 Resp: 121020
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0
201 102.1 75.9 113.9

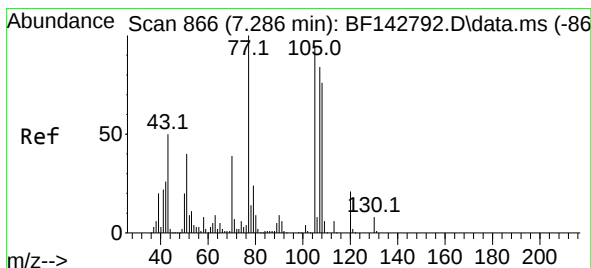
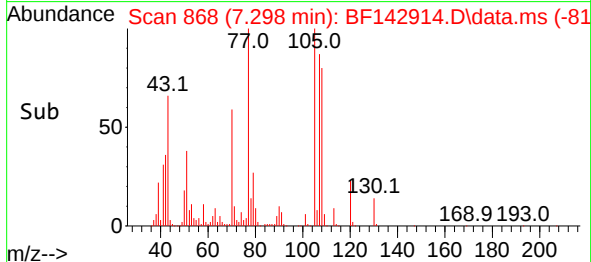
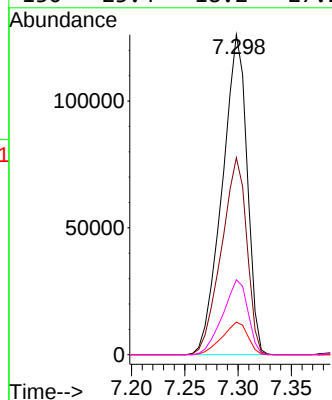
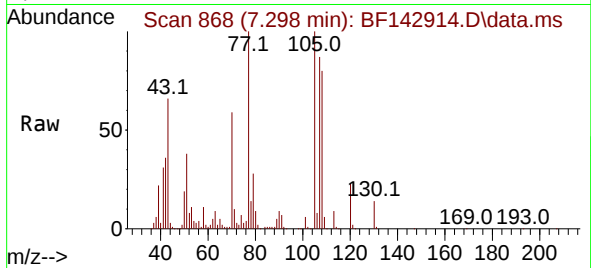




#19
n-Nitroso-di-n-propylamine
Concen: 45.061 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

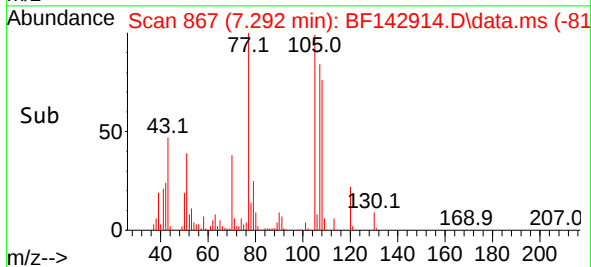
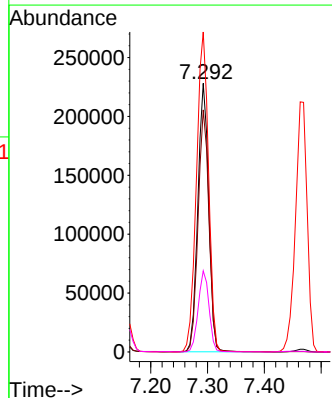
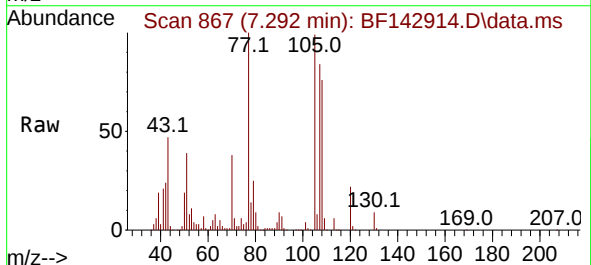
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

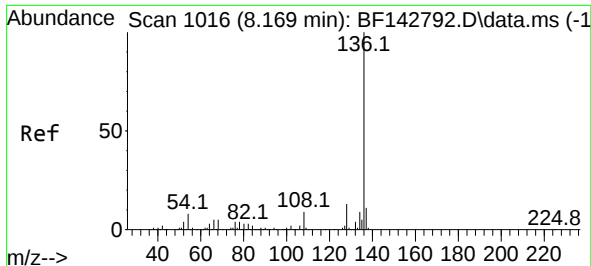
Tgt Ion: 70 Resp: 205016
Ion Ratio Lower Upper
70 100
42 61.6 52.1 78.1
101 10.2 8.2 12.2
130 23.4 18.2 27.2



#20
3+4-Methylphenols
Concen: 44.904 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:107 Resp: 303469
Ion Ratio Lower Upper
107 100
108 90.1 70.0 110.0
77 119.1 98.5 138.5
79 30.2 8.8 48.8

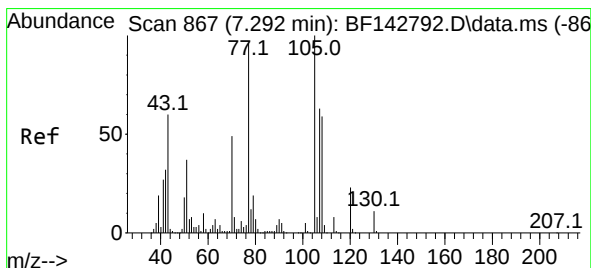
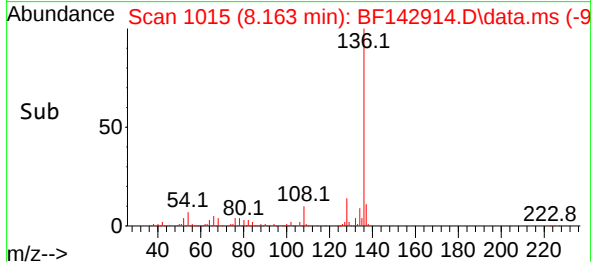
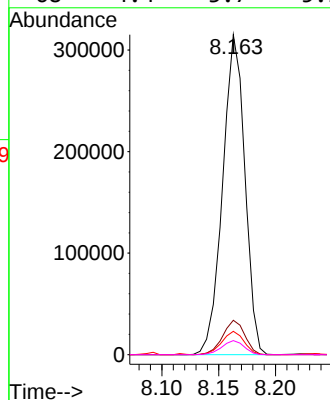
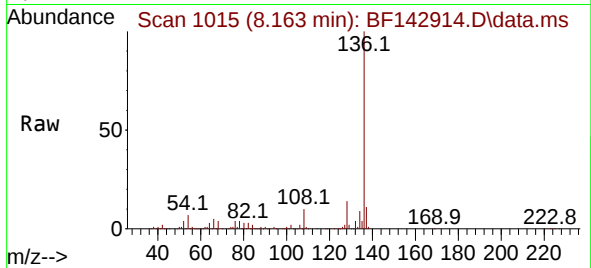




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

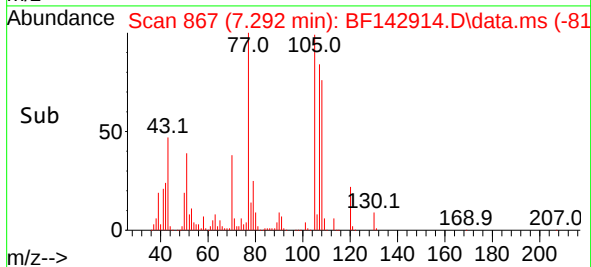
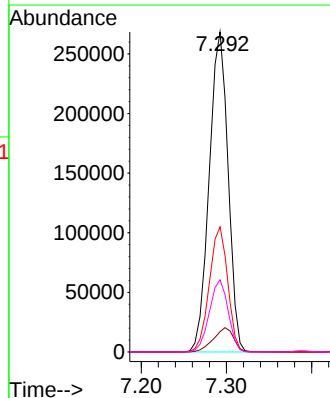
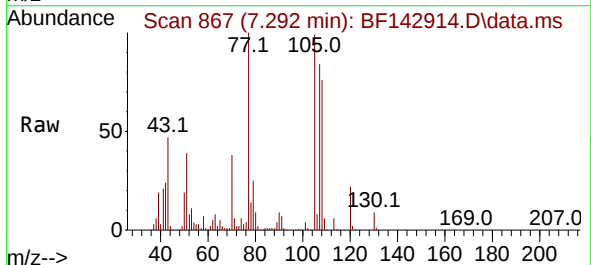
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

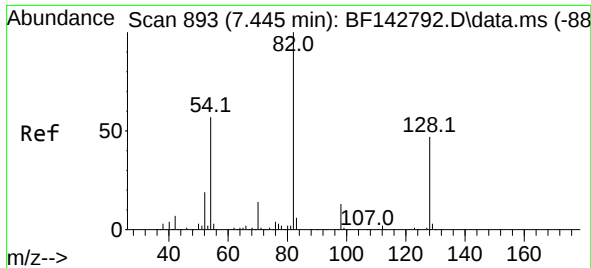
Tgt Ion:136 Resp: 429125
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.3 6.3 9.5
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 43.568 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:105 Resp: 412283
Ion Ratio Lower Upper
105 100
71 6.3 6.5 9.7#
51 39.1 29.8 44.8
120 22.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 57.124 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

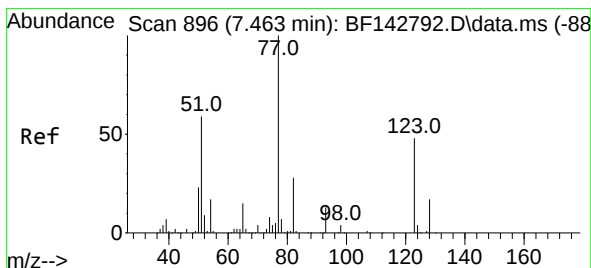
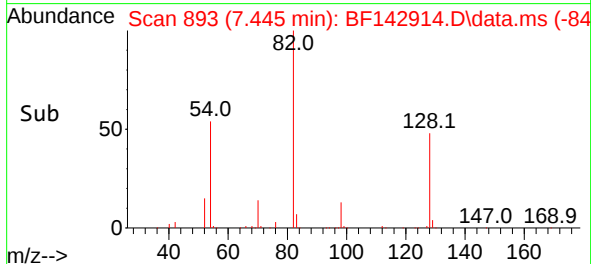
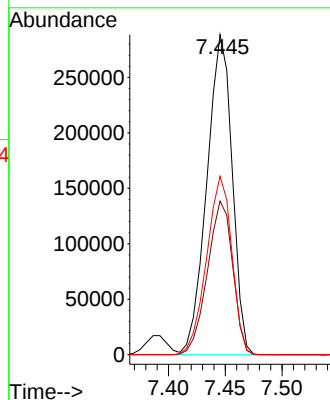
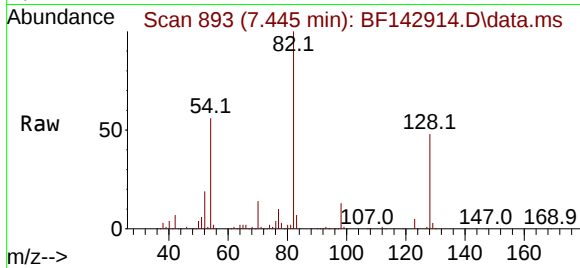
Tgt Ion: 82 Resp: 446908

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 55.8 45.7 68.5



#24

Nitrobenzene

Concen: 42.660 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

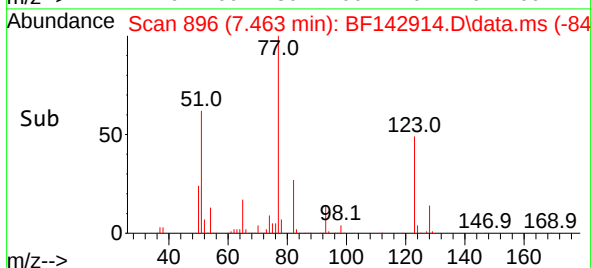
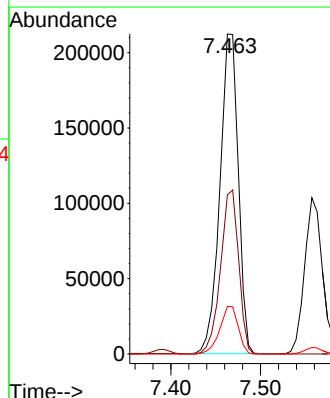
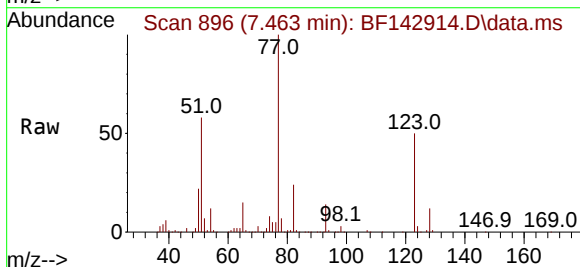
Tgt Ion: 77 Resp: 302074

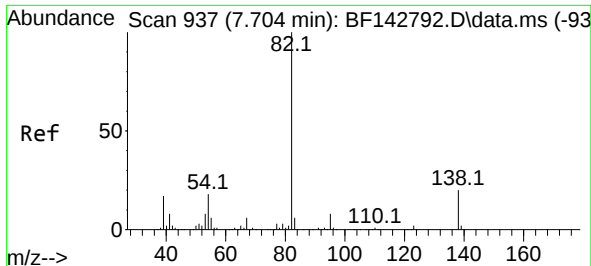
Ion Ratio Lower Upper

77 100

123 49.7 39.2 58.8

65 14.8 11.6 17.4

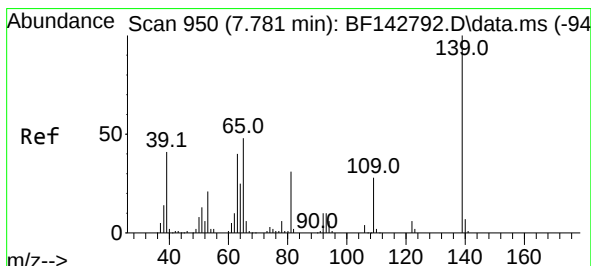
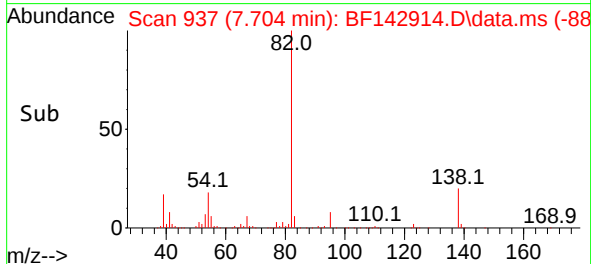
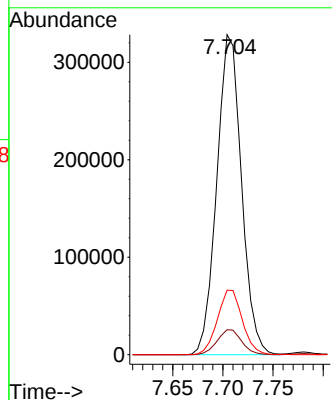
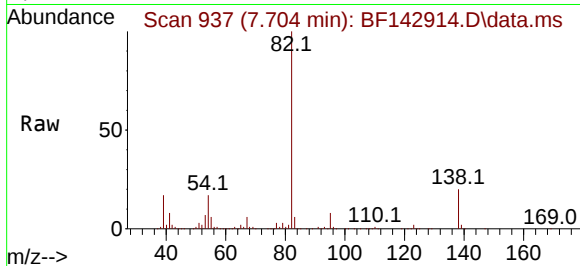




#25
Isophorone
Concen: 44.769 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

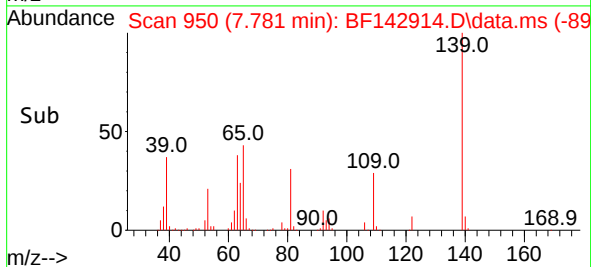
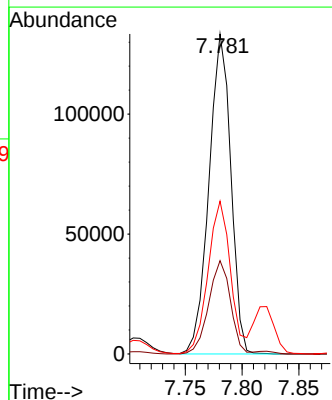
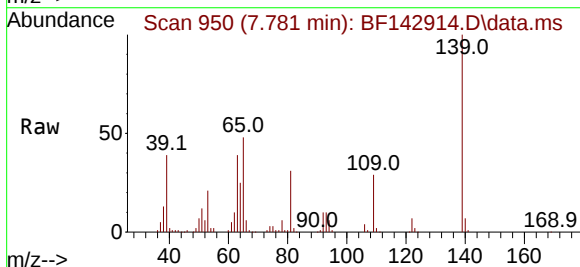
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

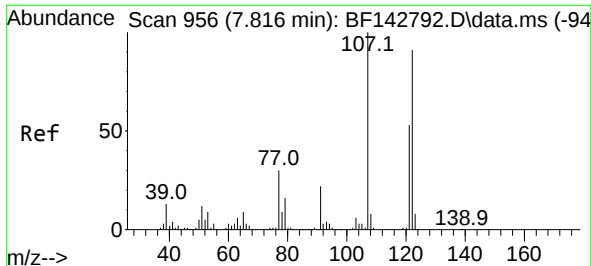
Tgt Ion: 82 Resp: 561857
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.1 16.2 24.4



#26
2-Nitrophenol
Concen: 46.358 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion: 139 Resp: 178819
Ion Ratio Lower Upper
139 100
109 29.1 22.7 34.1
65 47.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 43.748 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

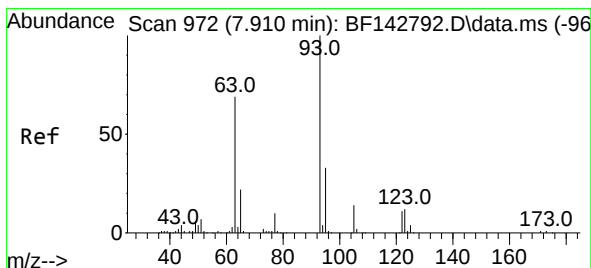
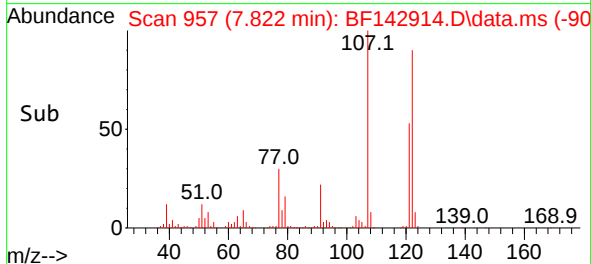
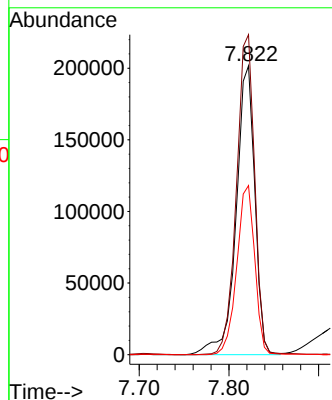
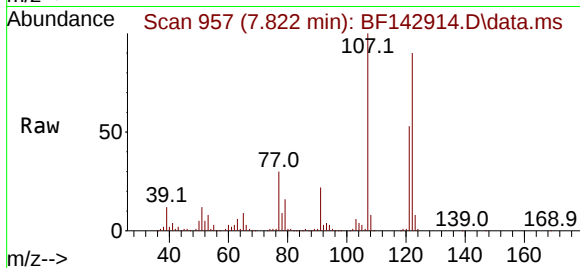
Tgt Ion:122 Resp: 292307

Ion Ratio Lower Upper

122 100

107 110.8 88.0 132.0

121 58.6 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.716 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

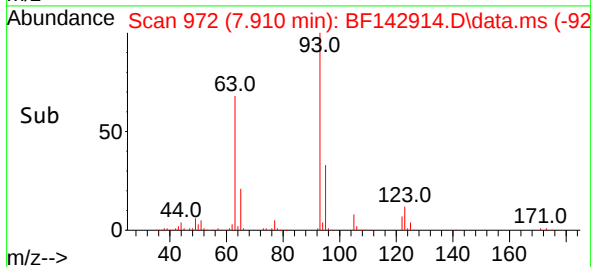
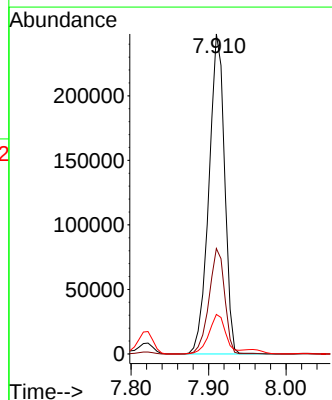
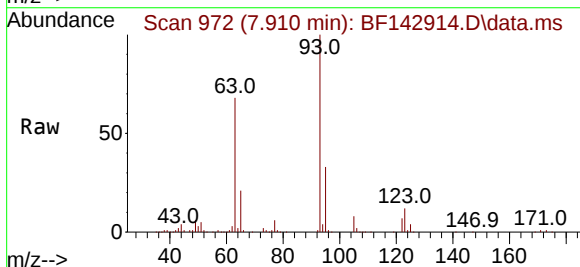
Tgt Ion: 93 Resp: 348800

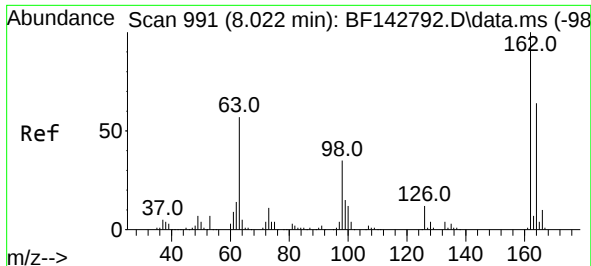
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 12.3 9.9 14.9

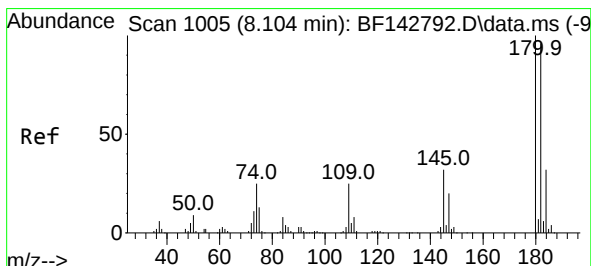
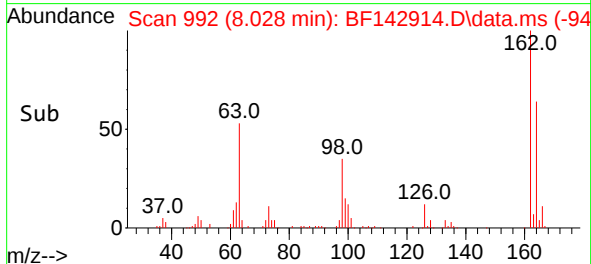
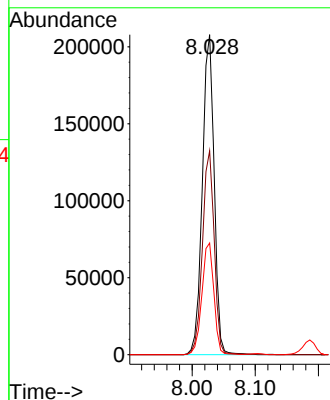
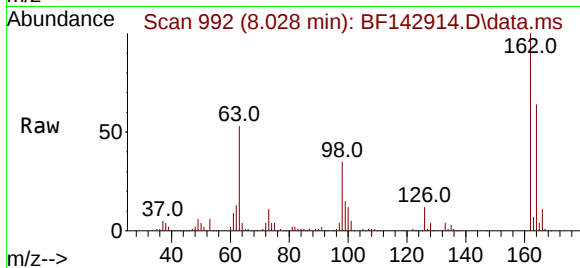




#29
2,4-Dichlorophenol
Concen: 44.689 ng
RT: 8.028 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

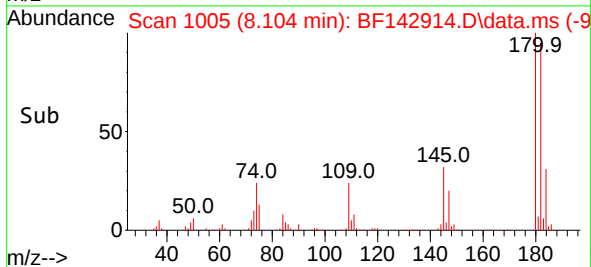
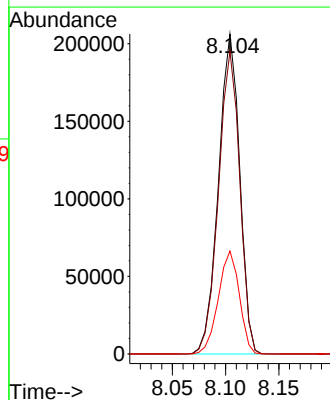
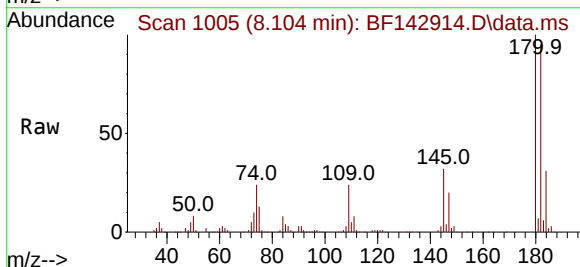
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

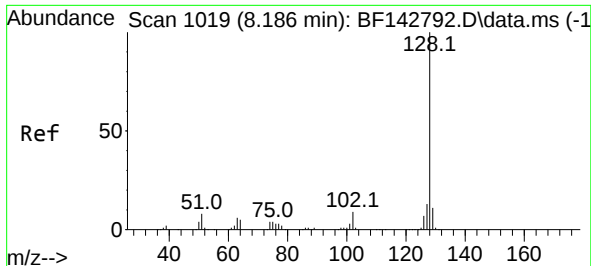
Tgt Ion:162 Resp: 270738
Ion Ratio Lower Upper
162 100
164 63.7 44.0 84.0
98 34.9 15.4 55.4



#30
1,2,4-Trichlorobenzene
Concen: 42.793 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:180 Resp: 285079
Ion Ratio Lower Upper
180 100
182 94.6 76.4 114.6
145 32.1 25.8 38.8

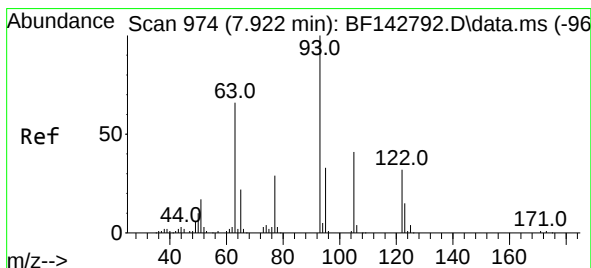
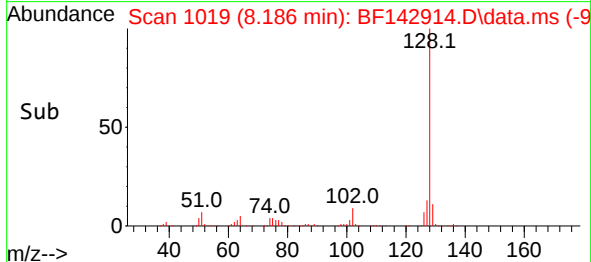
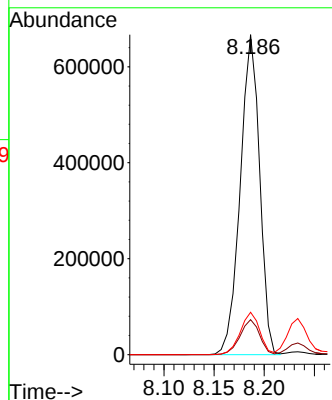
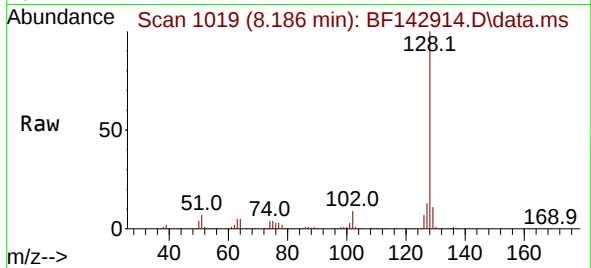




#31
Naphthalene
Concen: 42.765 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

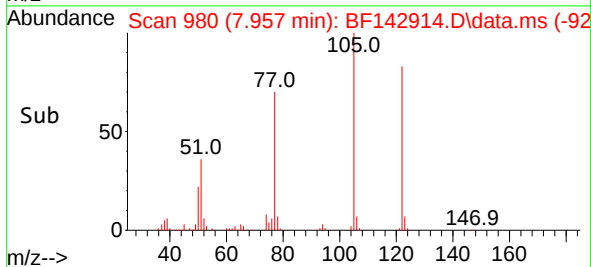
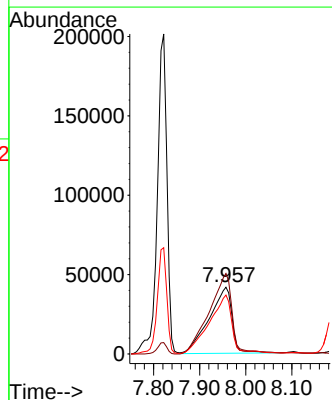
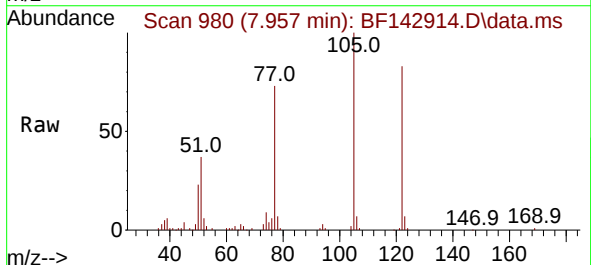
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

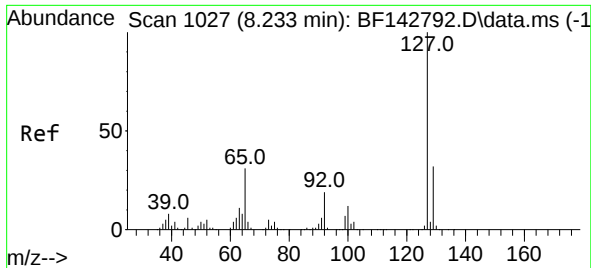
Tgt Ion:128 Resp: 898275
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 42.317 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.035 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:122 Resp: 144109
Ion Ratio Lower Upper
122 100
105 120.8 104.7 144.7
77 88.2 70.2 110.2

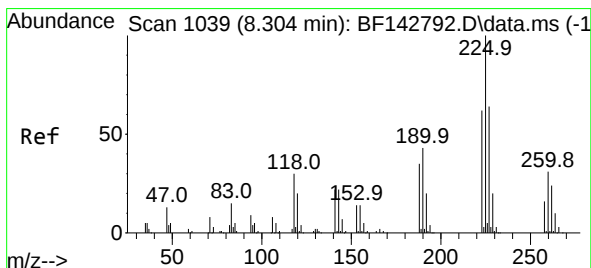
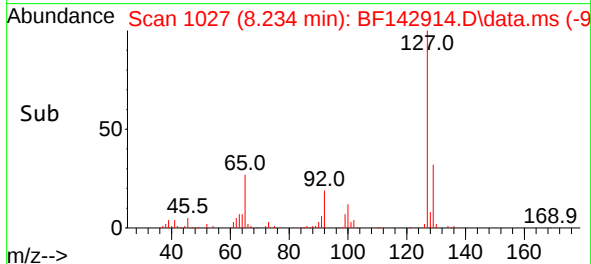
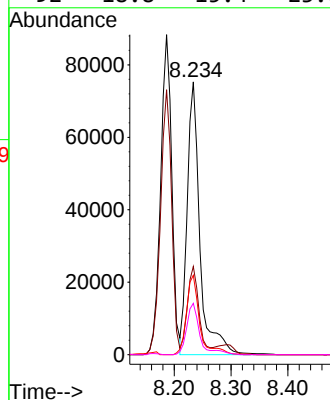
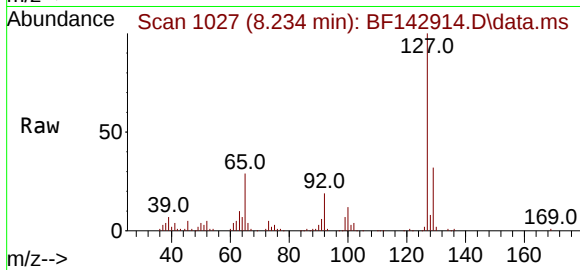




#33
4-Chloroaniline
Concen: 13.727 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

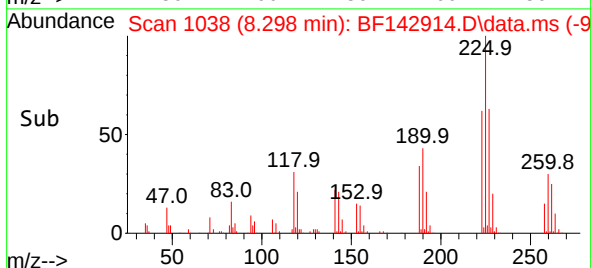
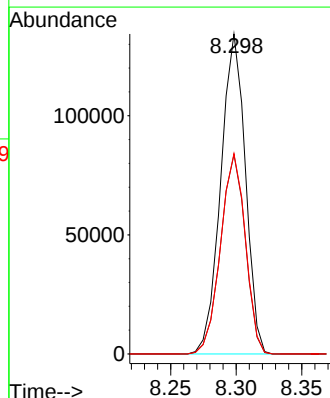
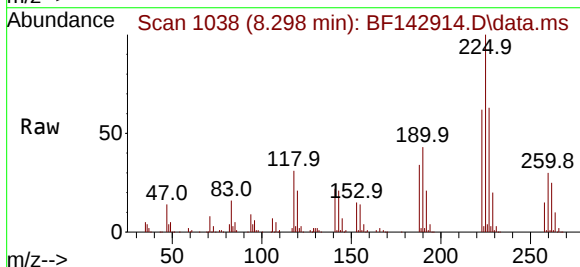
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

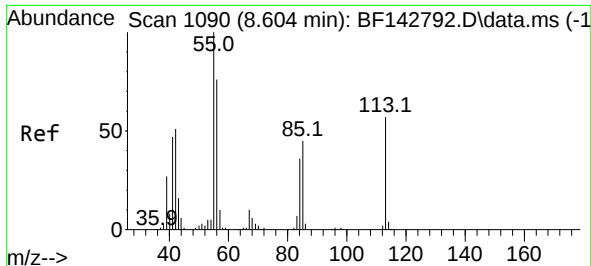
Tgt Ion:	127	Resp:	117242
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	29.1	24.6	36.8
92	18.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.028 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:	225	Resp:	175332
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.9	74.9
227	62.6	51.4	77.0

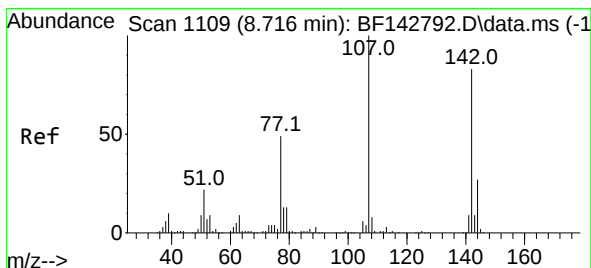
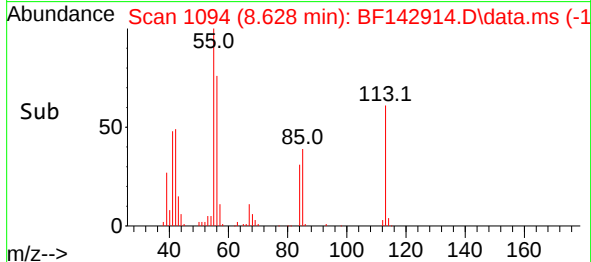
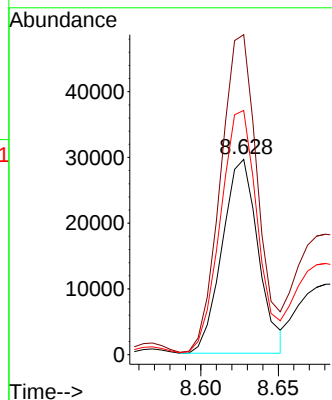
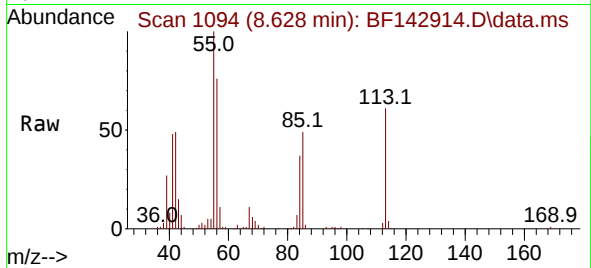




#35
 Caprolactam
 Concen: 29.872 ng
 RT: 8.628 min Scan# 1109
 Delta R.T. 0.024 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

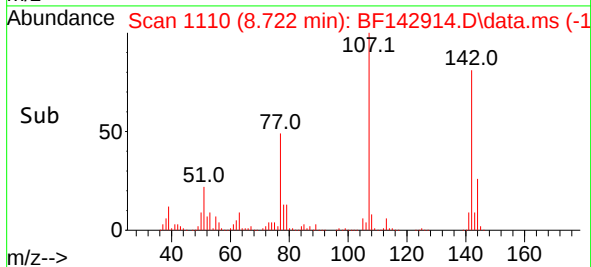
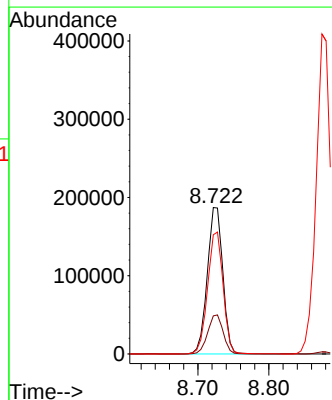
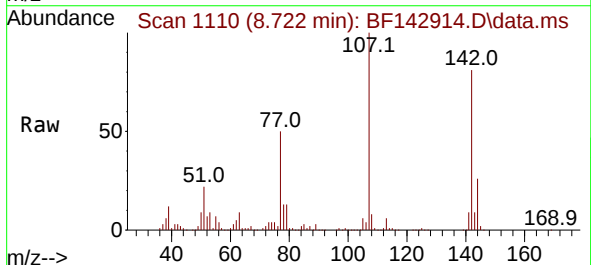
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMSD

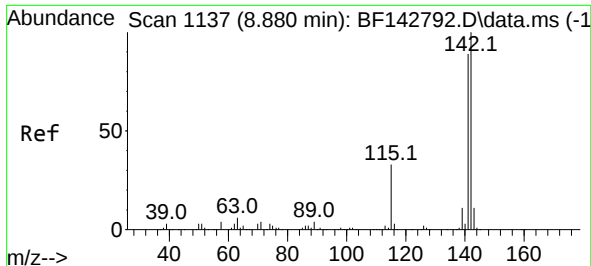
Tgt Ion:113 Resp: 47755
 Ion Ratio Lower Upper
 113 100
 55 163.8 154.4 194.4
 56 124.9 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.347 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.006 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

Tgt Ion:107 Resp: 285073
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.3 31.9
 142 81.4 66.6 100.0

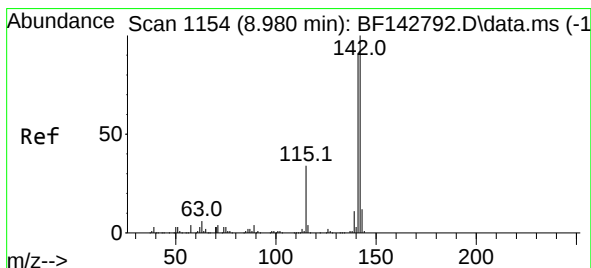
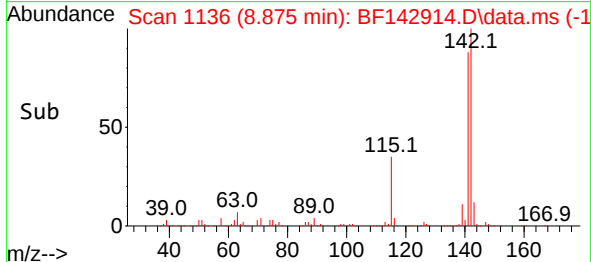
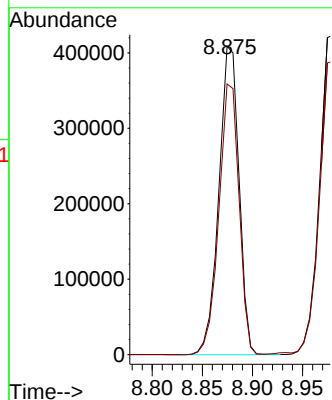
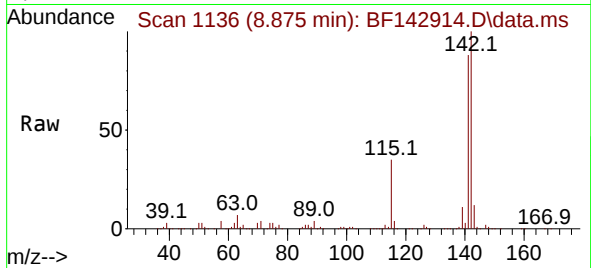




#37
2-Methylnaphthalene
Concen: 43.747 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

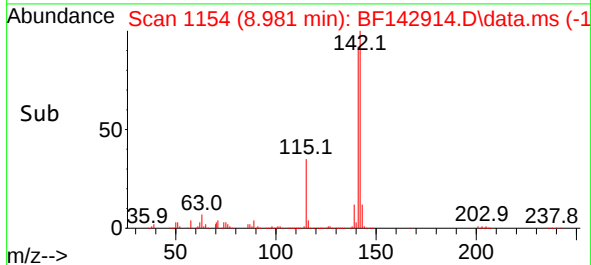
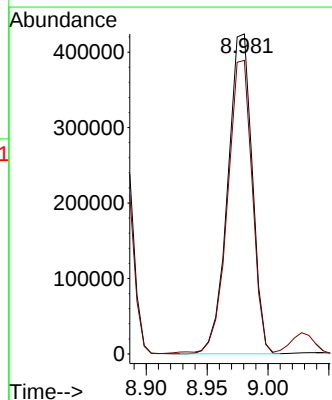
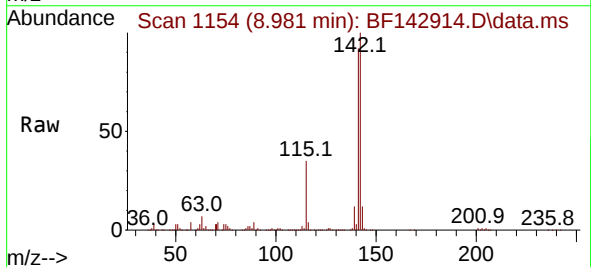
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

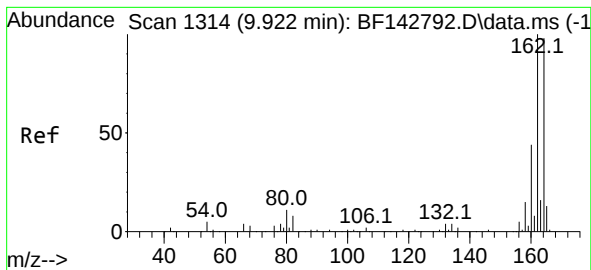
Tgt Ion:142 Resp: 569691
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 43.891 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:142 Resp: 591674
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

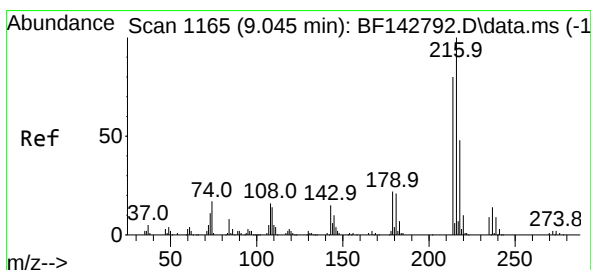
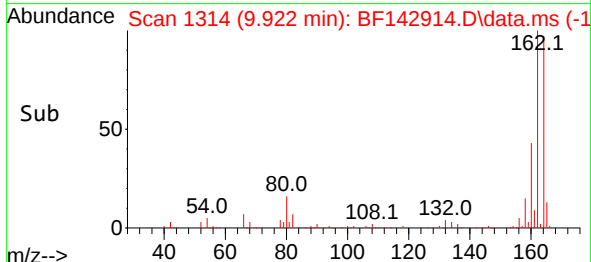
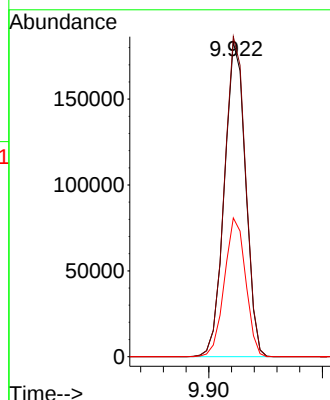
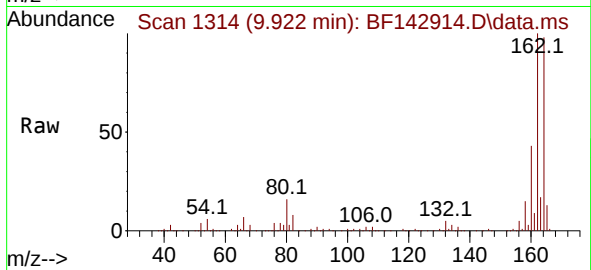
Tgt Ion:164 Resp: 237255

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.8

160 44.1 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.827 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Tgt Ion:216 Resp: 292815

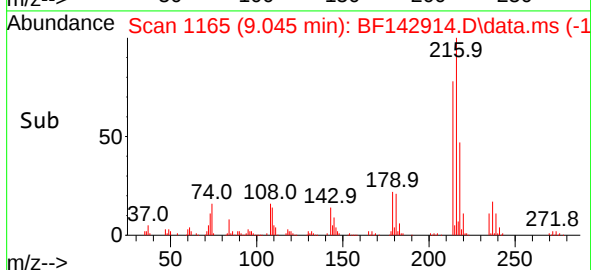
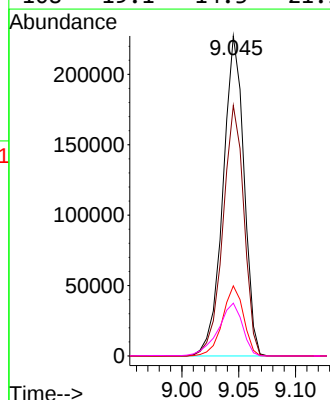
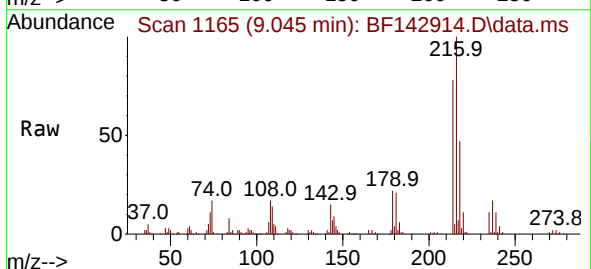
Ion Ratio Lower Upper

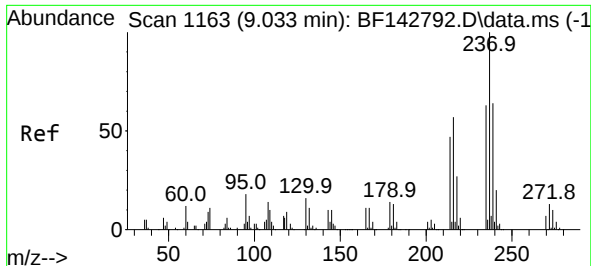
216 100

214 78.0 63.7 95.5

179 21.8 17.6 26.4

108 19.1 14.3 21.5

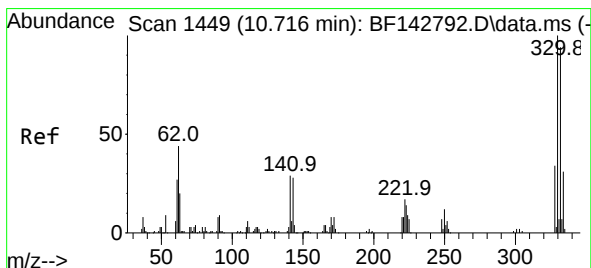
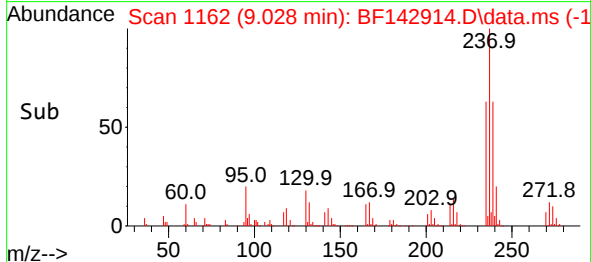
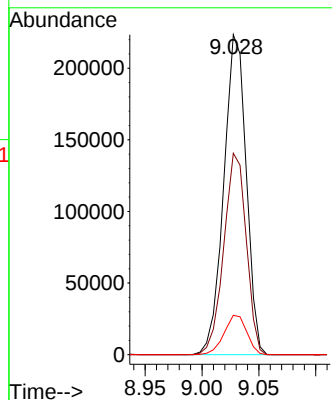
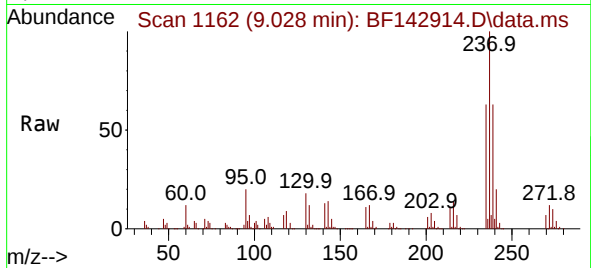




#41
 Hexachlorocyclopentadiene
 Concen: 77.376 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

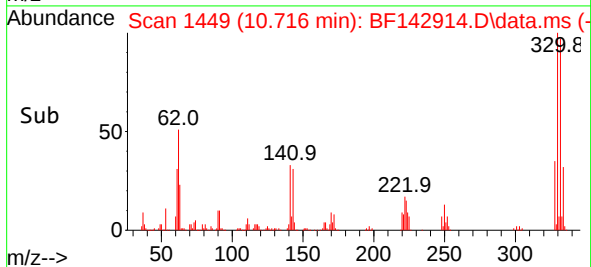
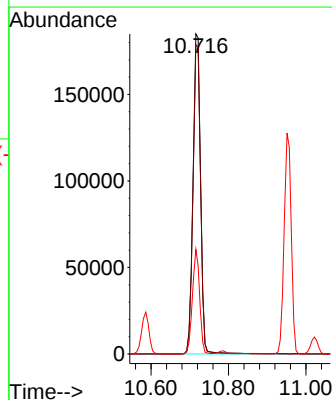
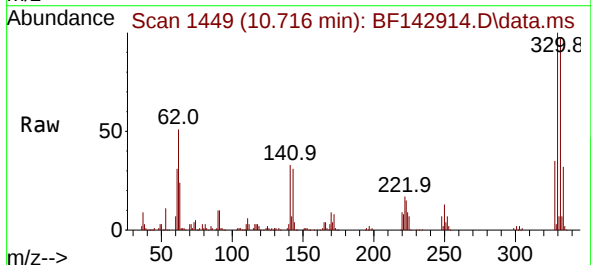
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMSD

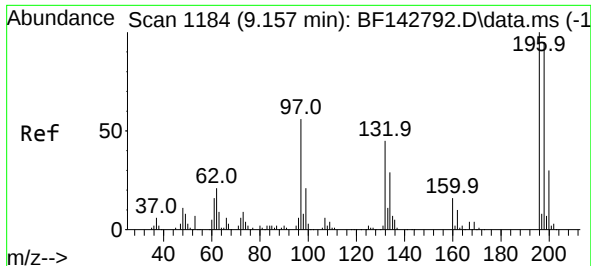
Tgt Ion:237 Resp: 307393
 Ion Ratio Lower Upper
 237 100
 235 63.0 43.4 83.4
 272 12.3 0.0 32.7



#42
 2,4,6-Tribromophenol
 Concen: 102.991 ng
 RT: 10.716 min Scan# 1449
 Delta R.T. -0.000 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

Tgt Ion:330 Resp: 251453
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.0 112.6
 141 31.0 25.3 37.9

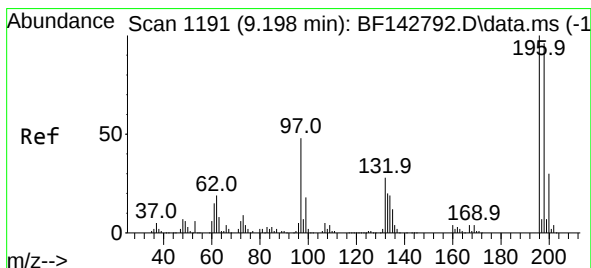
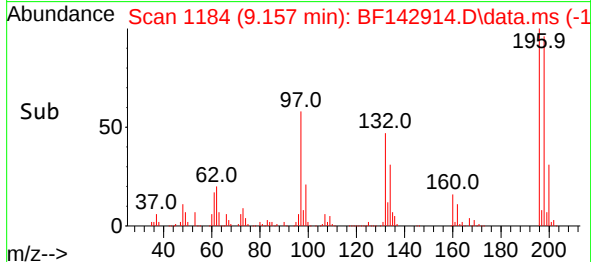
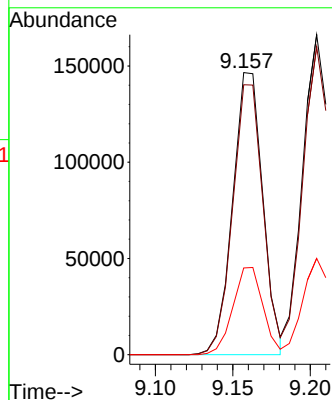
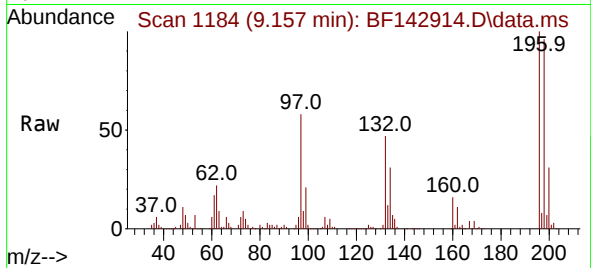




#43
2,4,6-Trichlorophenol
Concen: 43.491 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

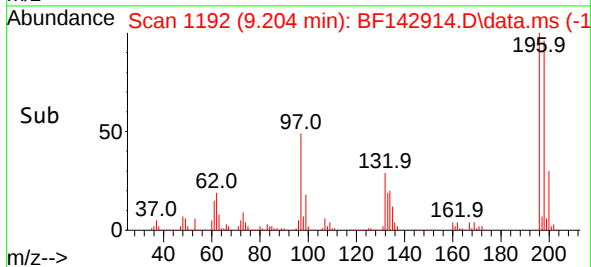
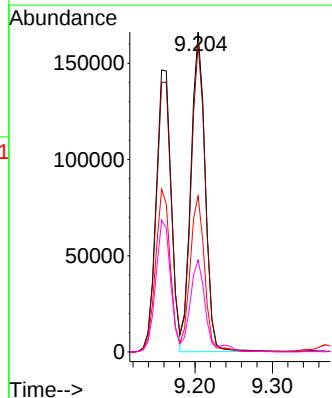
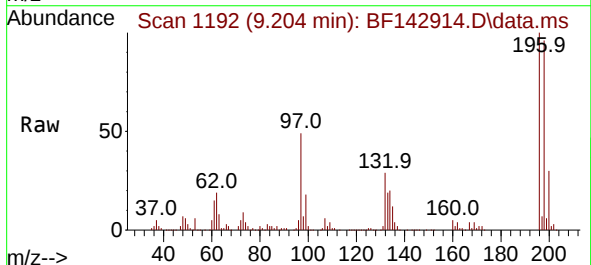
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

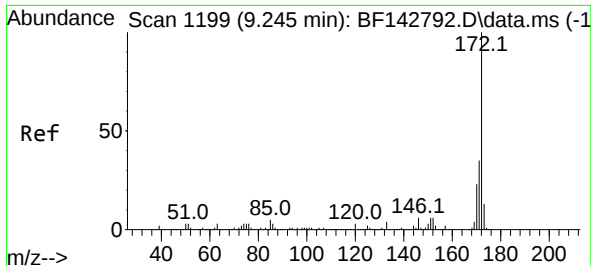
Tgt Ion:196 Resp: 198396
Ion Ratio Lower Upper
196 100
198 95.7 76.2 114.2
200 30.7 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.205 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:196 Resp: 212273
Ion Ratio Lower Upper
196 100
198 96.2 76.6 115.0
97 48.7 38.2 57.2
132 28.7 23.4 35.0

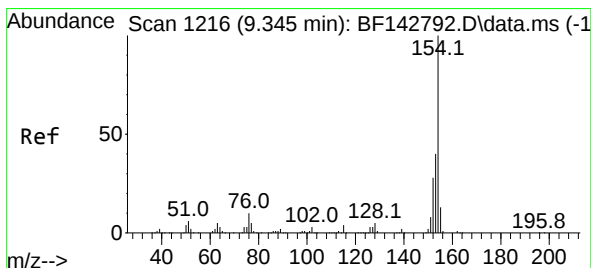
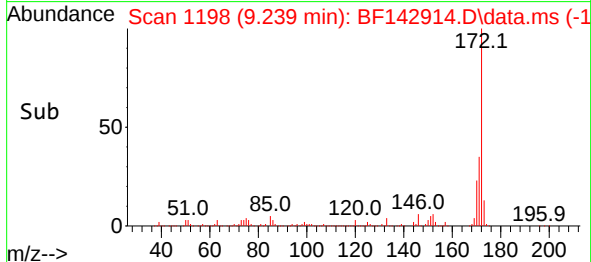
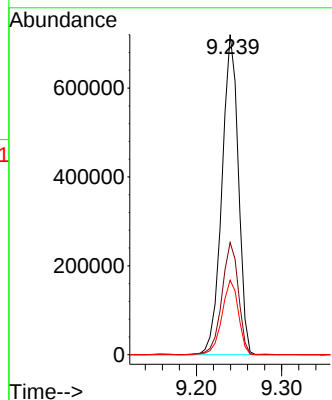
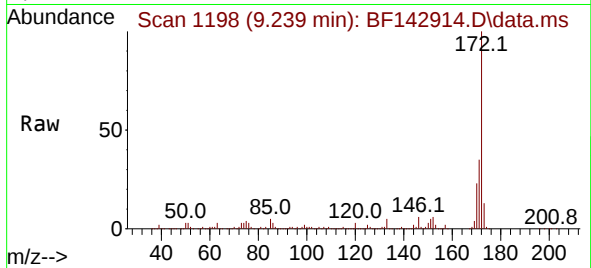




#45
2-Fluorobiphenyl
Concen: 53.424 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

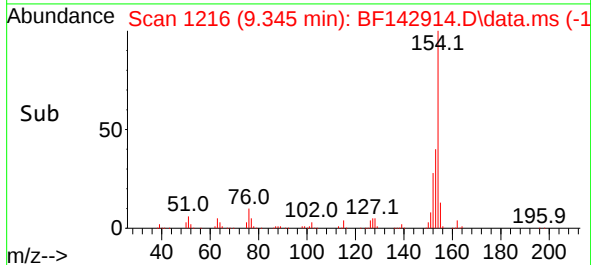
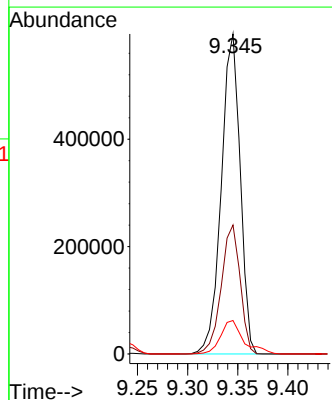
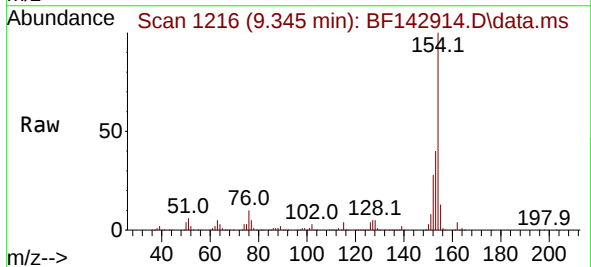
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

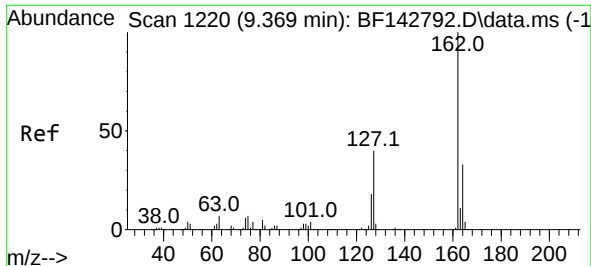
Tgt Ion:172 Resp: 964853
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.599 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:154 Resp: 779647
Ion Ratio Lower Upper
154 100
153 40.3 20.3 60.3
76 10.5 0.0 30.3

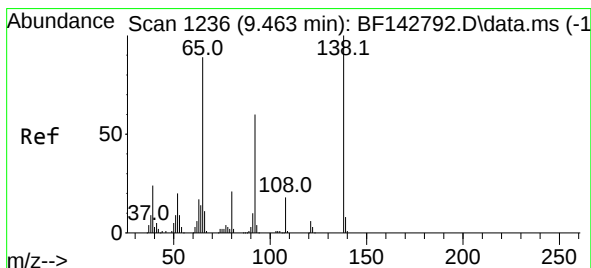
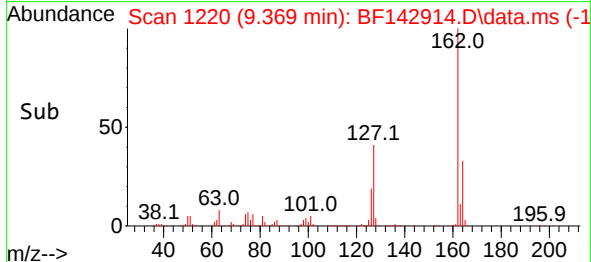
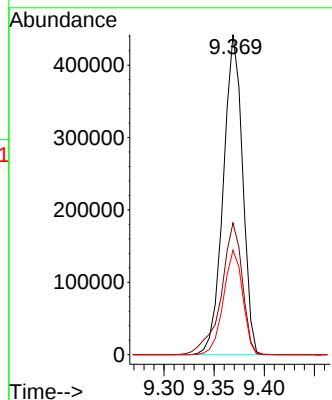
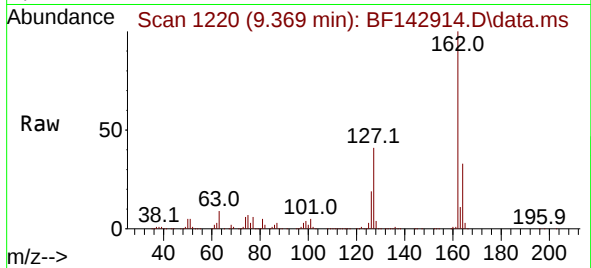




#47
2-Chloronaphthalene
Concen: 41.918 ng
RT: 9.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

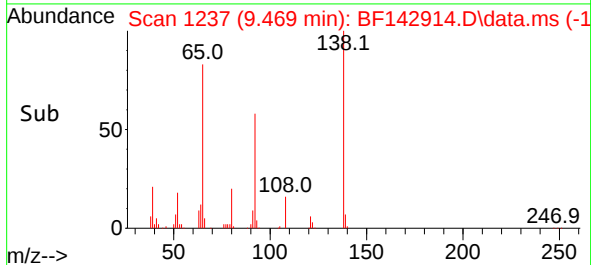
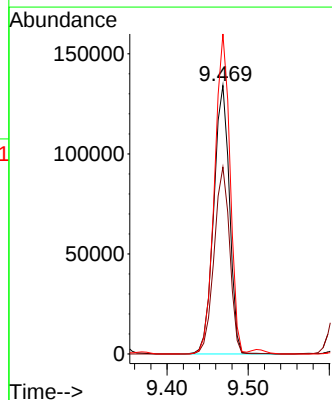
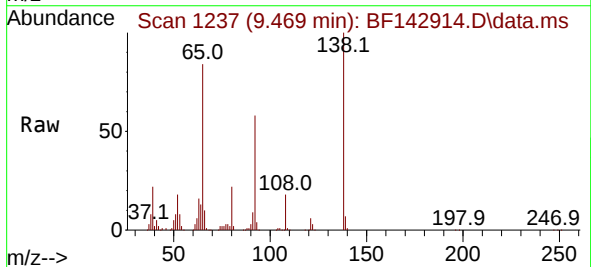
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

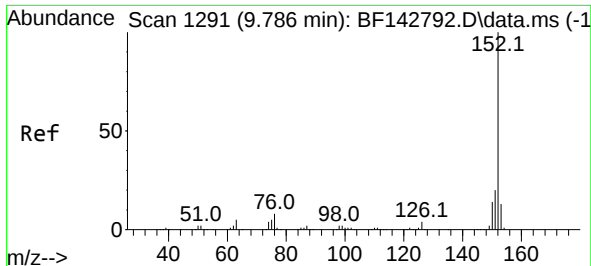
Tgt Ion:162 Resp: 589551
Ion Ratio Lower Upper
162 100
127 41.2 32.2 48.2
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 45.875 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

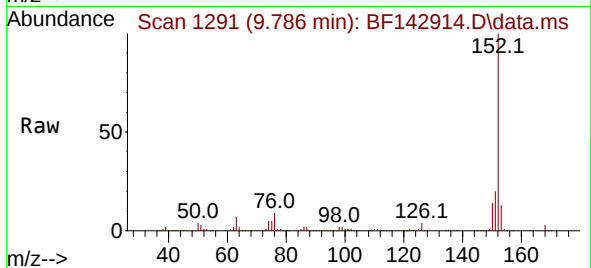
Tgt Ion: 65 Resp: 180886
Ion Ratio Lower Upper
65 100
92 69.6 53.8 80.6
138 119.2 89.6 134.4



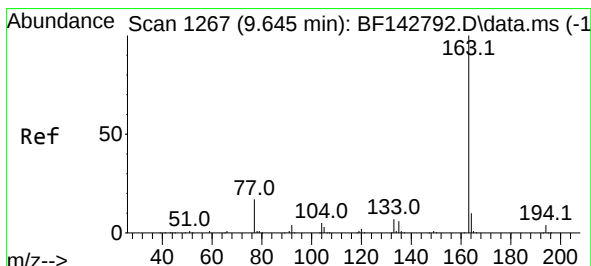
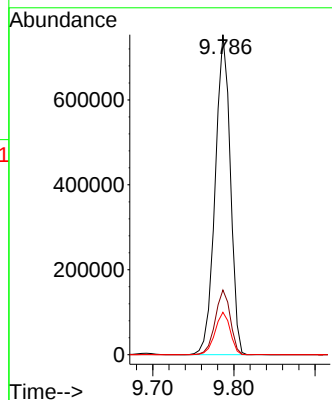
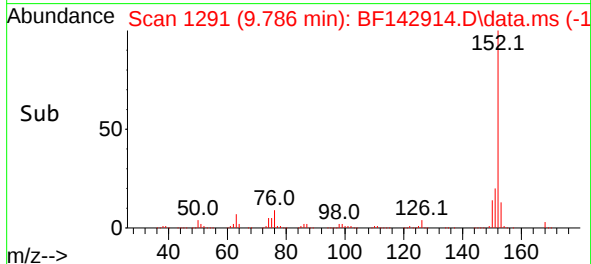


#49
Acenaphthylene
Concen: 42.209 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

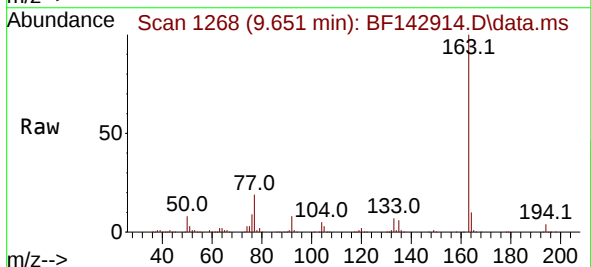
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD



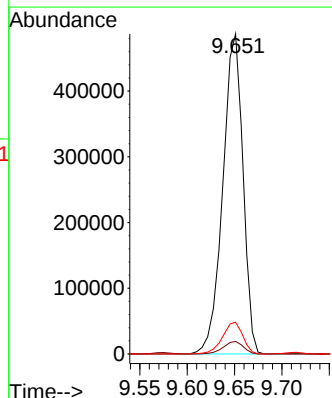
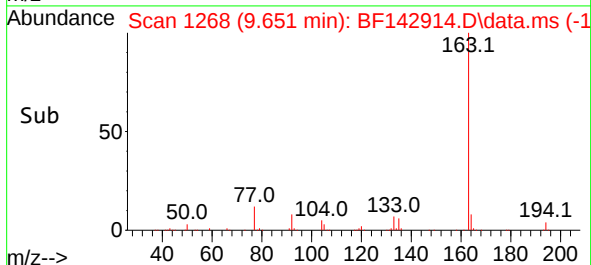
Tgt Ion:152 Resp: 977274
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.4 15.6

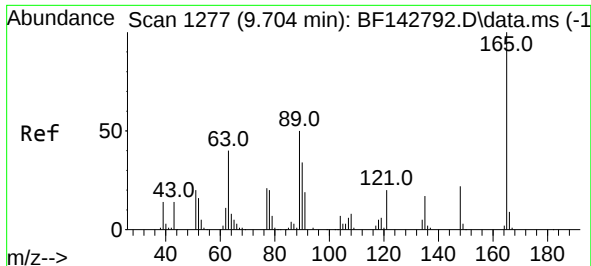


#50
Dimethylphthalate
Concen: 46.963 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17



Tgt Ion:163 Resp: 721236
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.968 ng

RT: 9.710 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

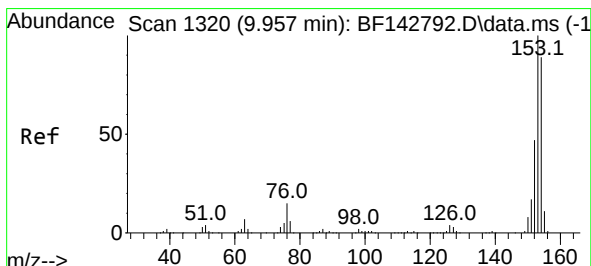
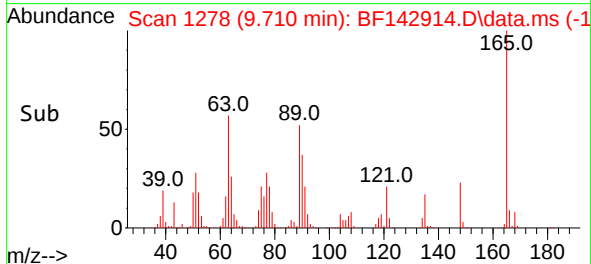
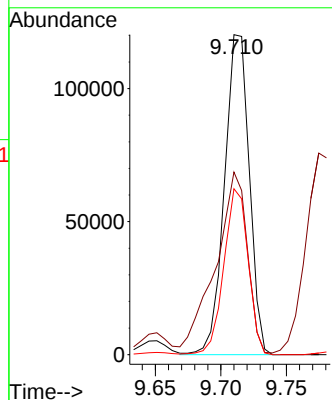
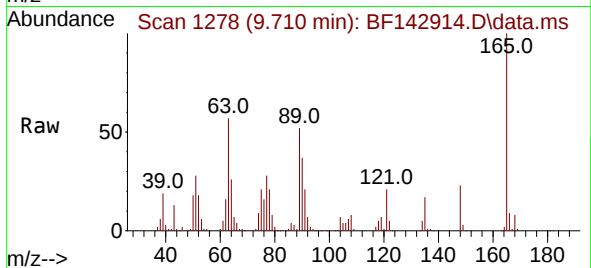
Tgt Ion:165 Resp: 158408

Ion Ratio Lower Upper

165 100

63 57.1 44.2 66.4

89 51.8 39.8 59.8



#52

Acenaphthene

Concen: 40.404 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

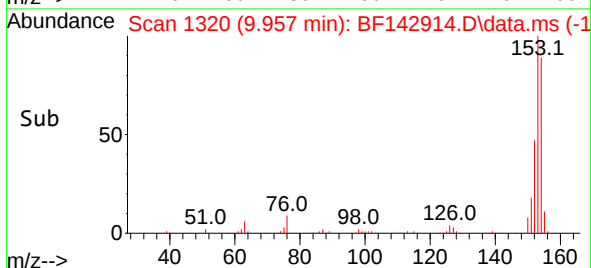
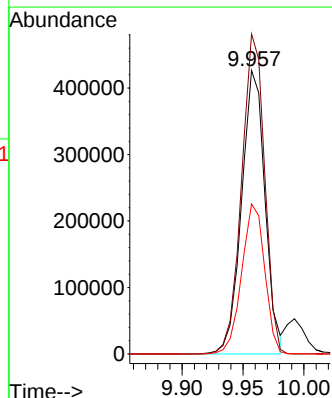
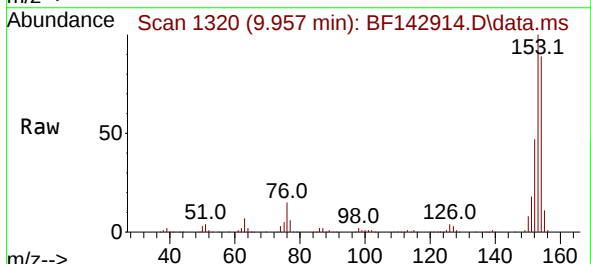
Tgt Ion:154 Resp: 570760

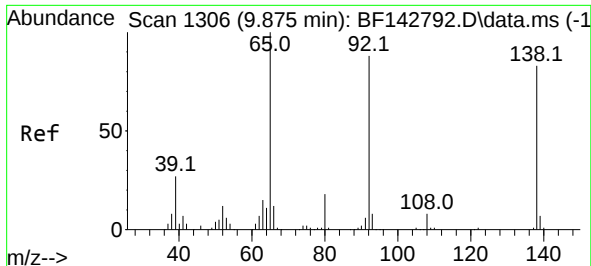
Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

152 52.9 41.9 62.9

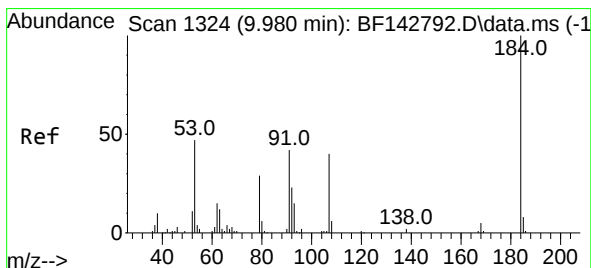
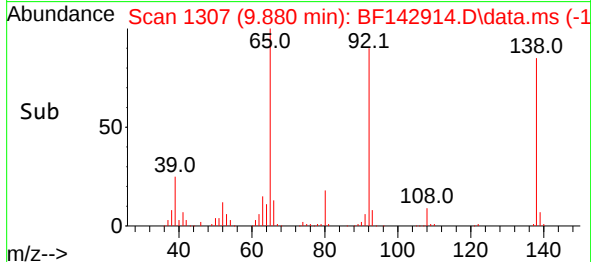
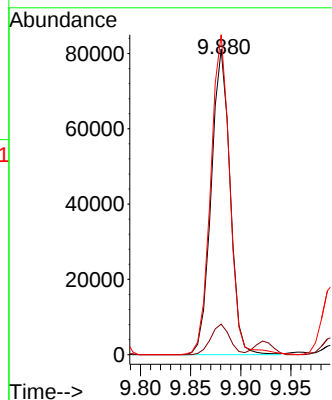
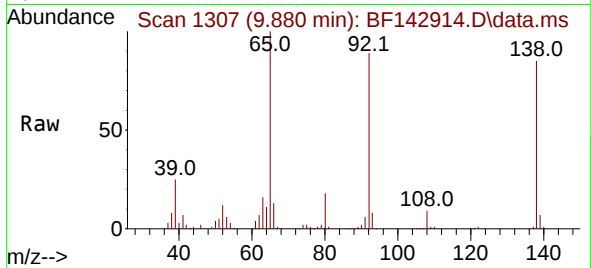




#53
3-Nitroaniline
Concen: 28.665 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

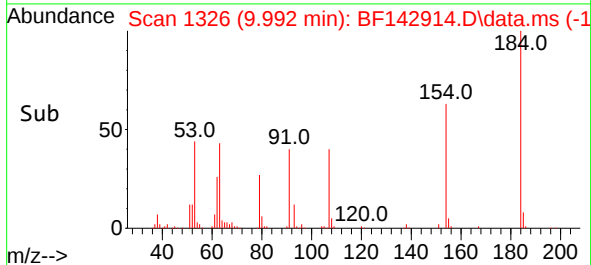
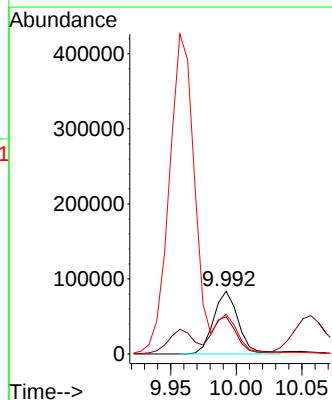
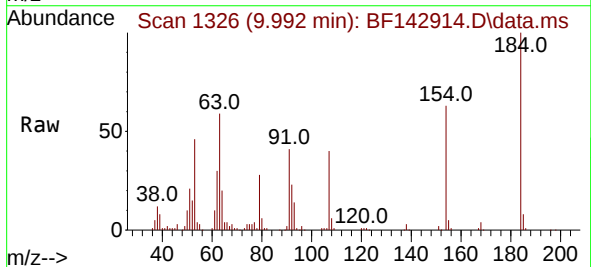
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

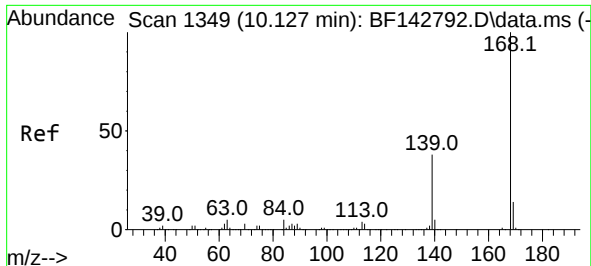
Tgt Ion:138 Resp: 106442
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 104.7 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 65.356 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

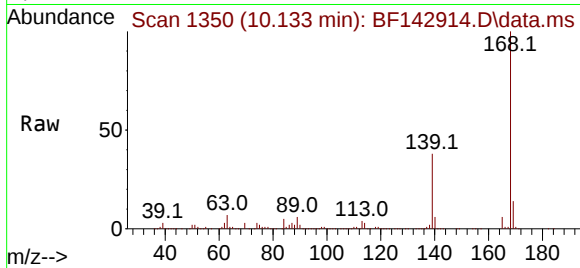
Tgt Ion:184 Resp: 110371
Ion Ratio Lower Upper
184 100
63 59.4 50.6 75.8
154 63.4 51.8 77.8



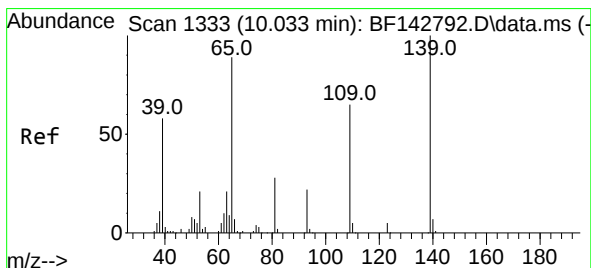
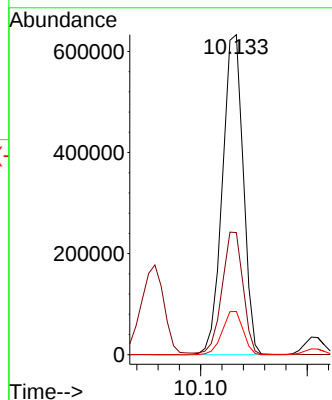
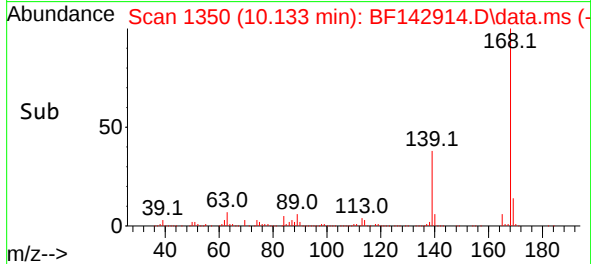


#55
Dibenzofuran
Concen: 42.289 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

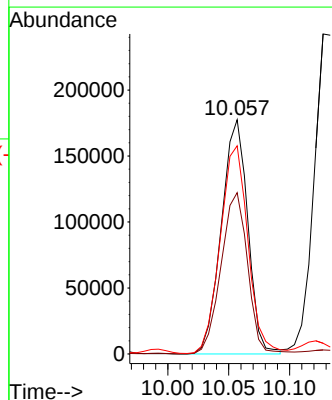
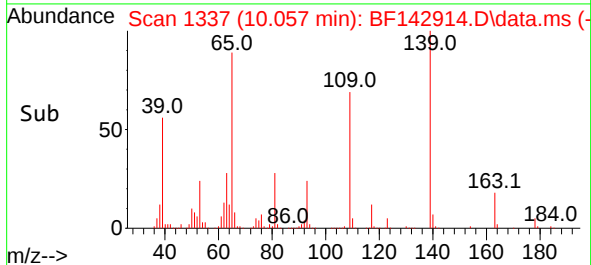
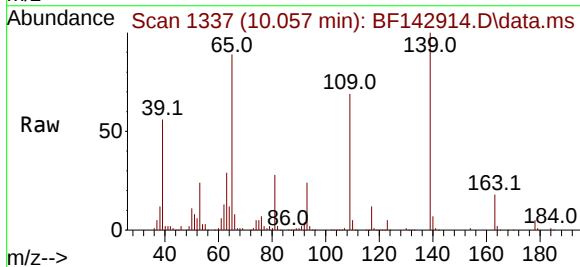


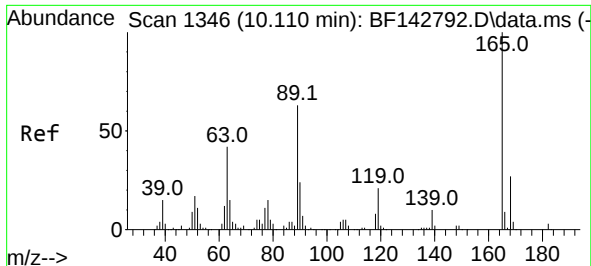
Tgt Ion:168 Resp: 856627
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 105.463 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.024 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:139 Resp: 268103
Ion Ratio Lower Upper
139 100
109 68.8 44.7 84.7
65 88.9 69.8 109.8

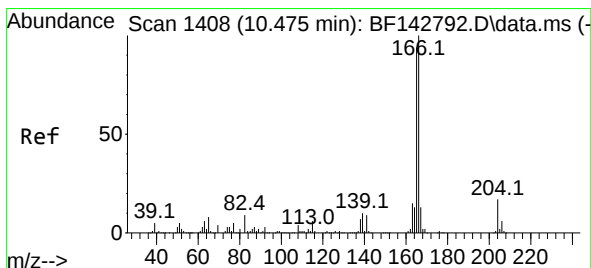
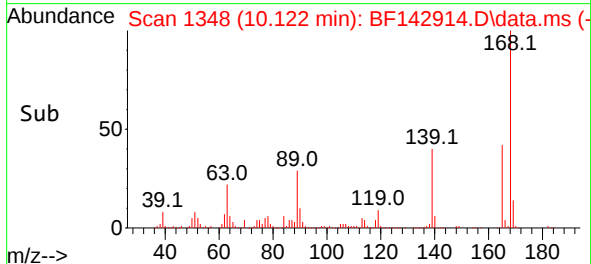
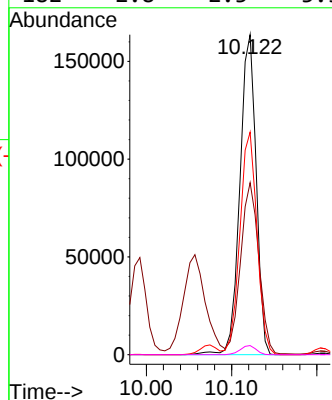
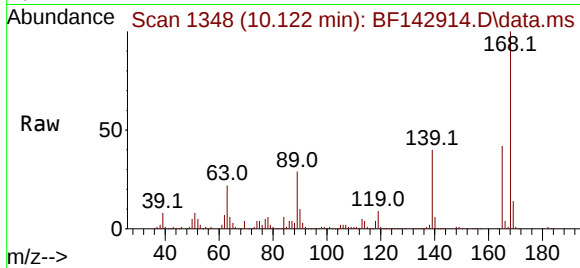




#57
2,4-Dinitrotoluene
Concen: 48.521 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

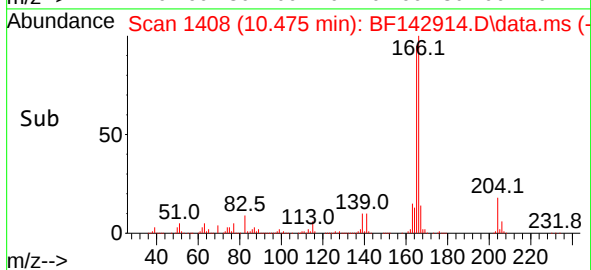
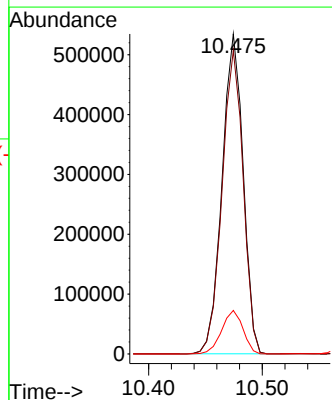
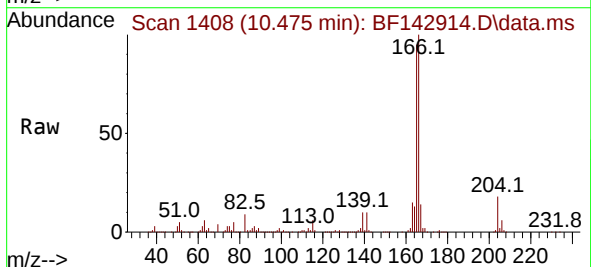
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

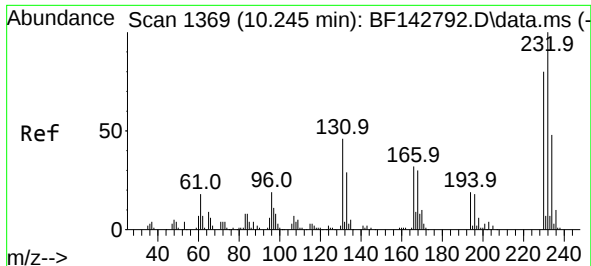
Tgt Ion:165 Resp: 217368
Ion Ratio Lower Upper
165 100
63 53.7 33.9 50.9#
89 69.6 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.616 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:166 Resp: 690003
Ion Ratio Lower Upper
166 100
165 94.8 75.2 112.8
167 13.6 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.635 ng

RT: 10.251 min Scan# 1370

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

Tgt Ion:232 Resp: 180513

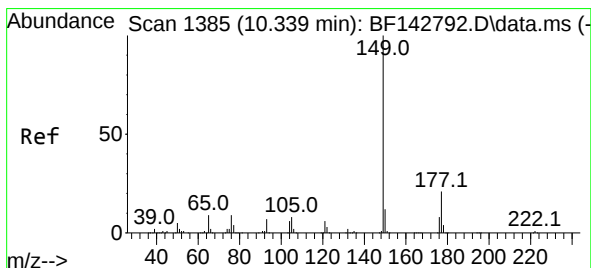
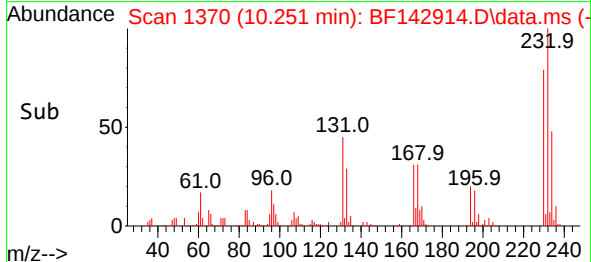
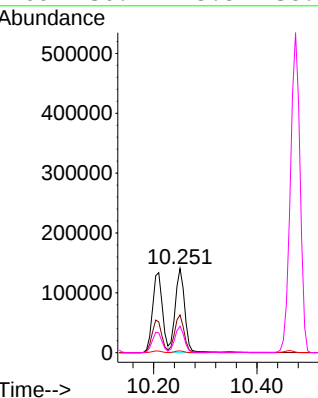
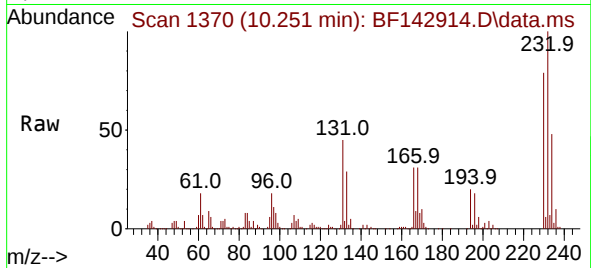
Ion Ratio Lower Upper

232 100

131 45.0 37.6 56.4

130 2.1 1.7 2.5

166 30.7 25.8 38.6



#60

Diethylphthalate

Concen: 48.753 ng

RT: 10.345 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

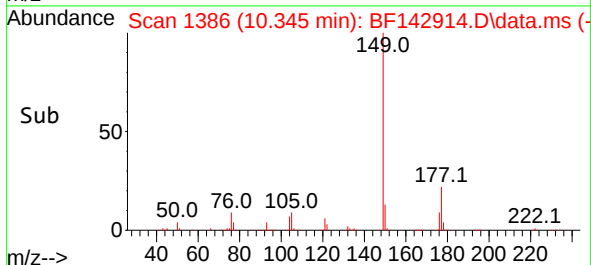
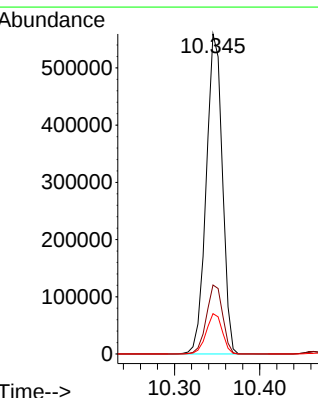
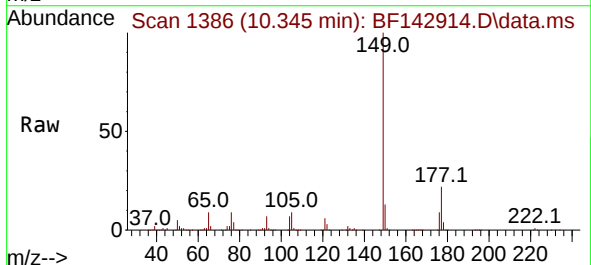
Tgt Ion:149 Resp: 734120

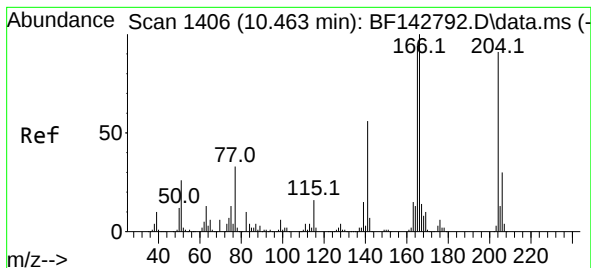
Ion Ratio Lower Upper

149 100

177 21.6 17.0 25.6

150 12.6 9.8 14.6

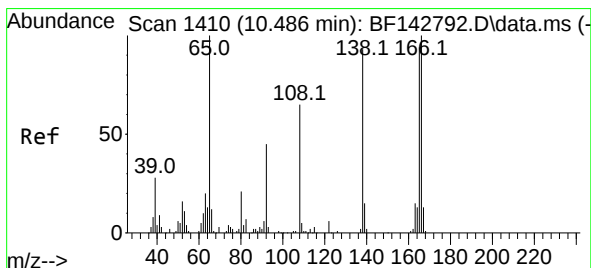
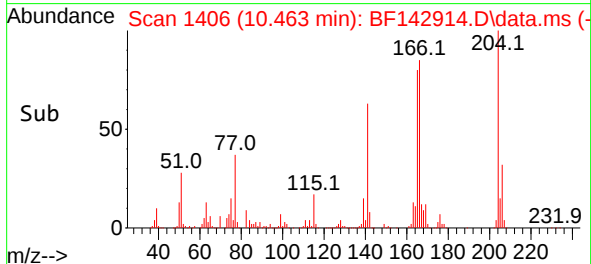
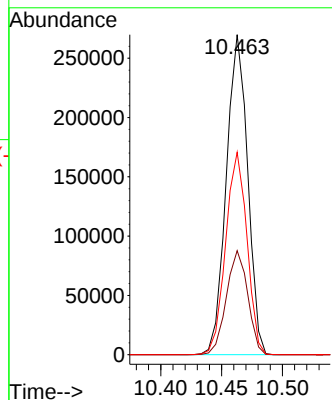
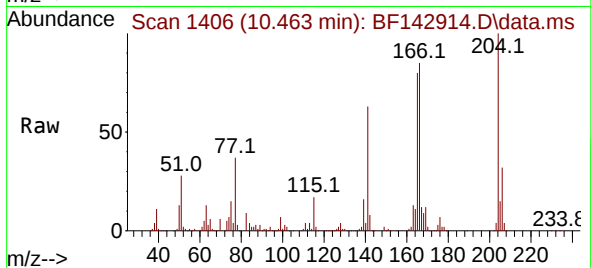




#61
4-Chlorophenyl-phenylether
Concen: 43.698 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

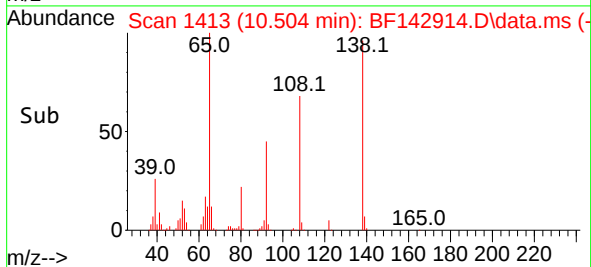
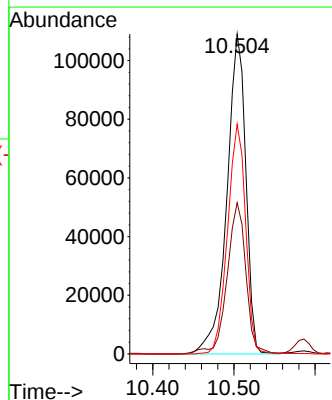
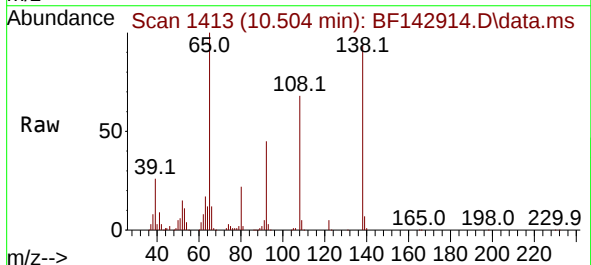
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

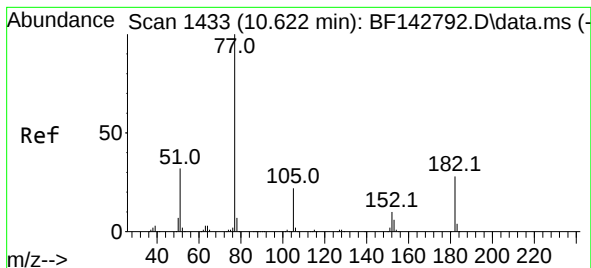
Tgt Ion:204 Resp: 329879
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 63.3 49.1 73.7



#62
4-Nitroaniline
Concen: 52.050 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:138 Resp: 176766
Ion Ratio Lower Upper
138 100
92 47.3 28.4 68.4
108 71.8 50.2 90.2





#63

Azobenzene

Concen: 48.667 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

Tgt Ion: 77 Resp: 654963

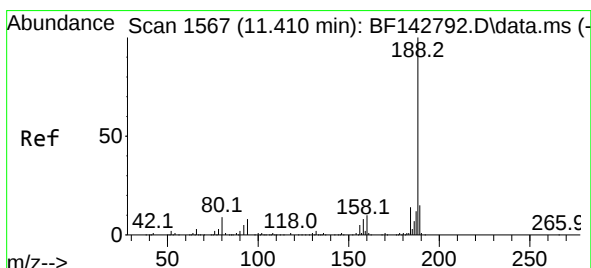
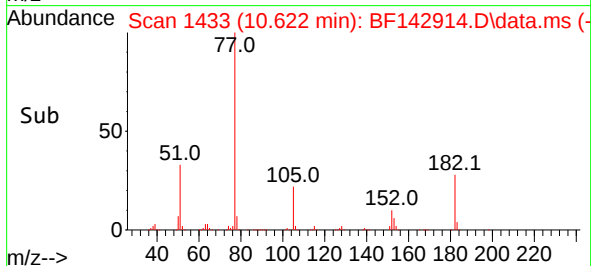
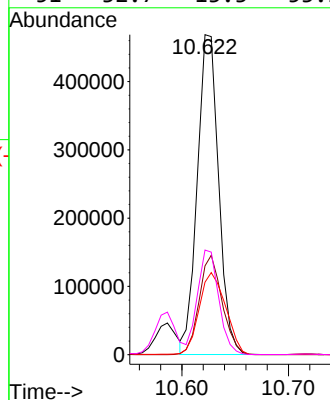
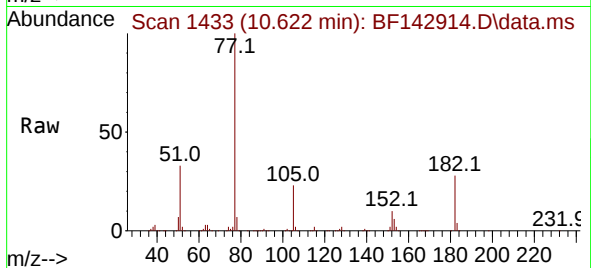
Ion Ratio Lower Upper

77 100

182 27.8 7.7 47.7

105 22.7 1.9 41.9

51 32.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

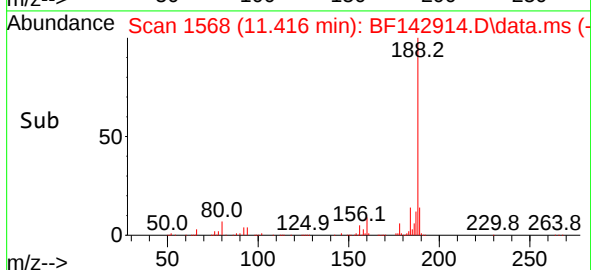
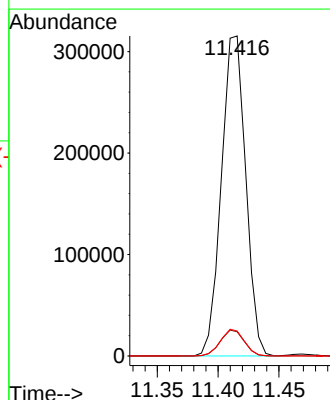
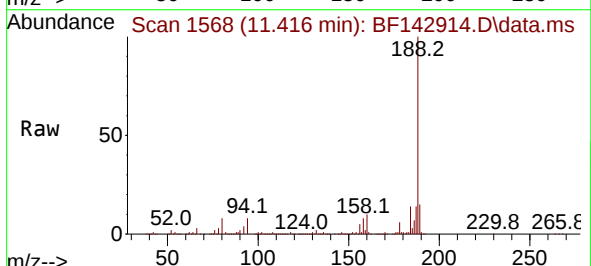
Tgt Ion: 188 Resp: 439577

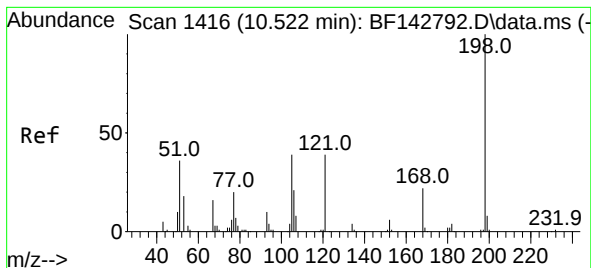
Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

80 7.8 6.9 10.3

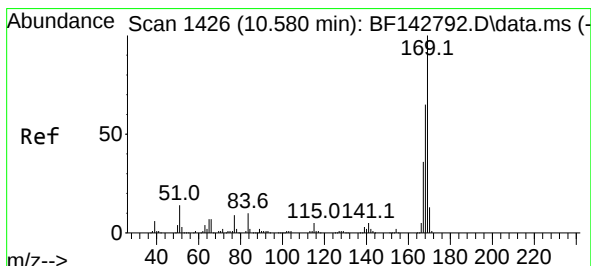
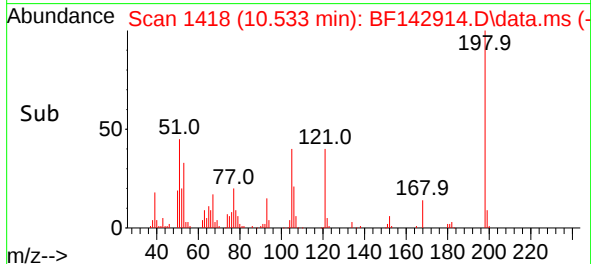
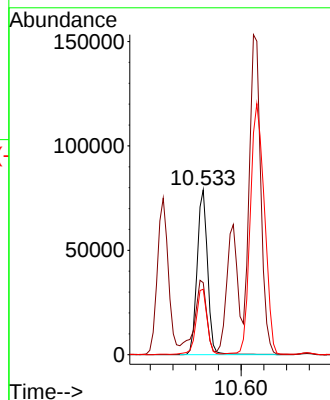
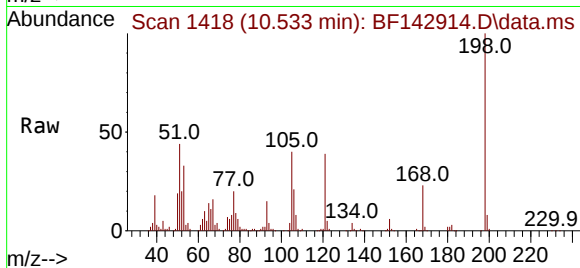




#65
4,6-Dinitro-2-methylphenol
Concen: 38.079 ng
RT: 10.533 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

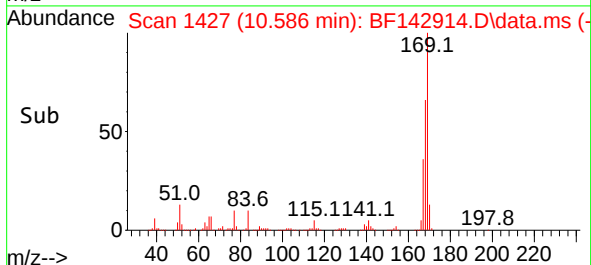
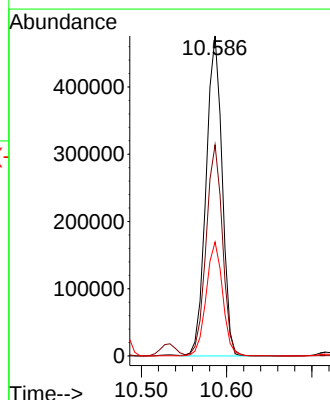
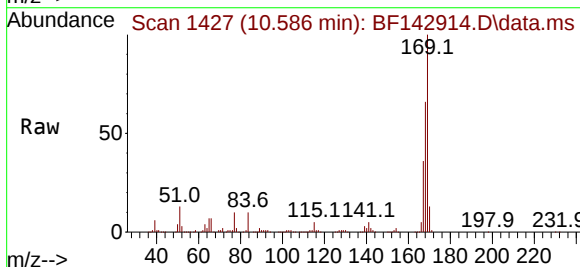
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

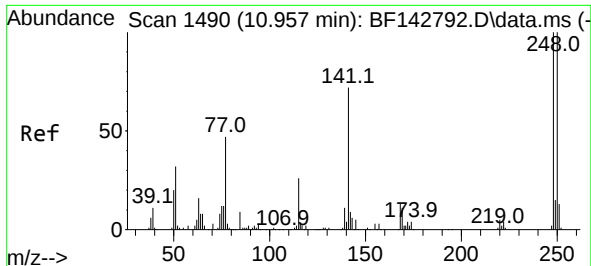
Tgt Ion:198 Resp: 101246
Ion Ratio Lower Upper
198 100
51 43.7 25.4 65.4
105 39.7 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.837 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:169 Resp: 622140
Ion Ratio Lower Upper
169 100
168 66.0 51.9 77.9
167 35.6 28.5 42.7

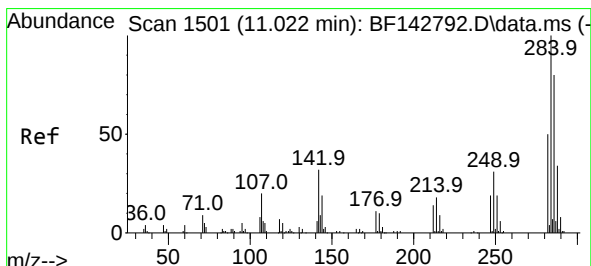
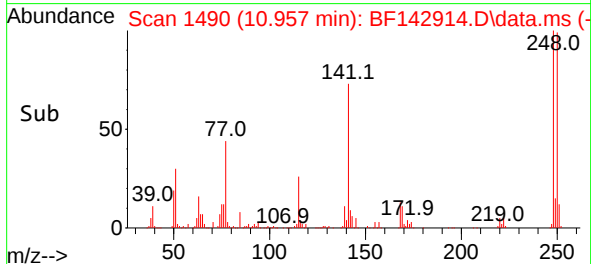
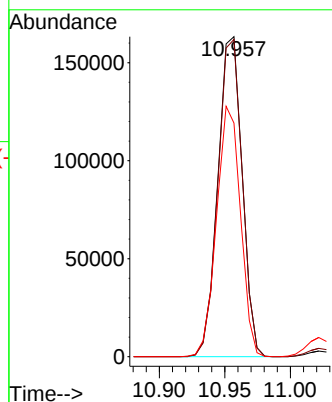
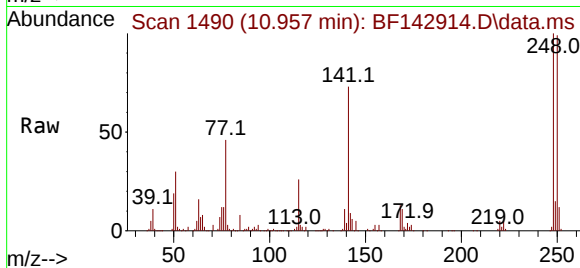




#67
4-Bromophenyl-phenylether
Concen: 42.127 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

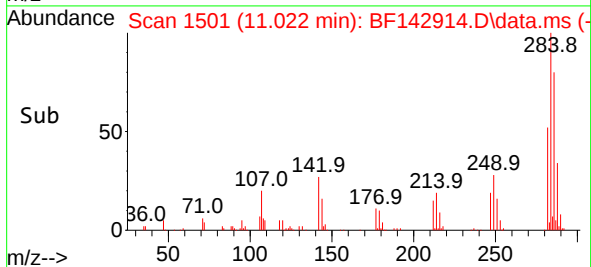
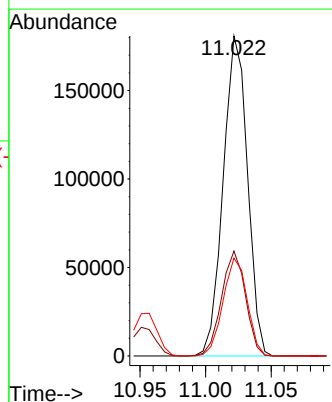
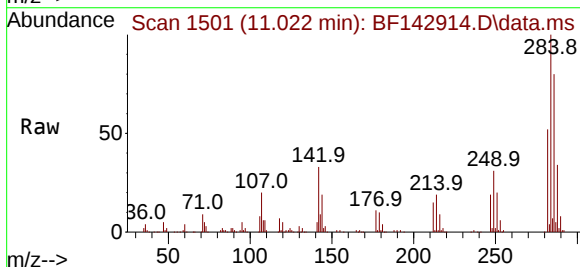
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

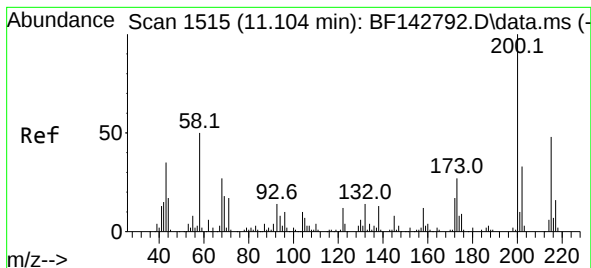
Tgt Ion:248 Resp: 210753
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 73.0 57.8 86.6



#68
Hexachlorobenzene
Concen: 41.827 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:284 Resp: 232514
Ion Ratio Lower Upper
284 100
142 32.8 25.5 38.3
249 30.6 24.9 37.3





#69

Atrazine

Concen: 54.298 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

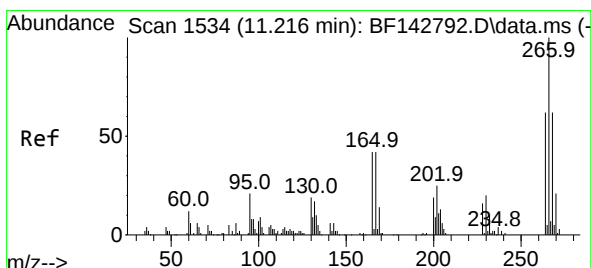
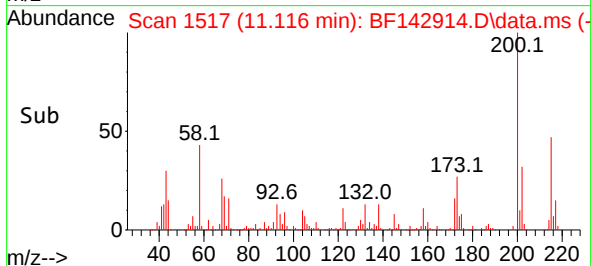
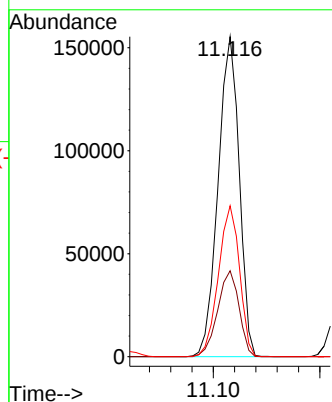
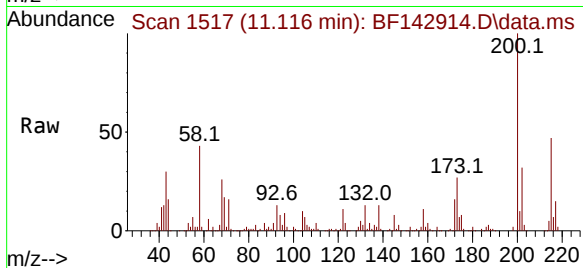
Tgt Ion:200 Resp: 213613

Ion Ratio Lower Upper

200 100

173 26.8 7.4 47.4

215 47.1 28.4 68.4



#70

Pentachlorophenol

Concen: 82.864 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

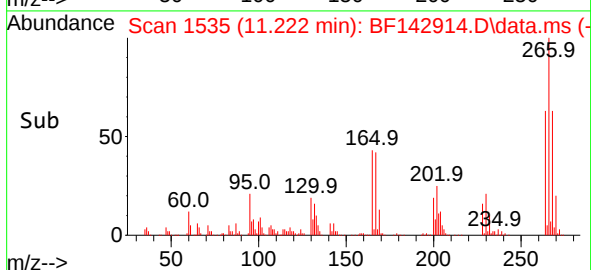
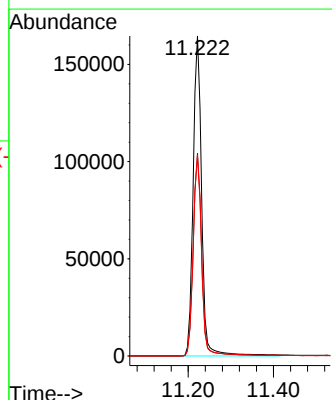
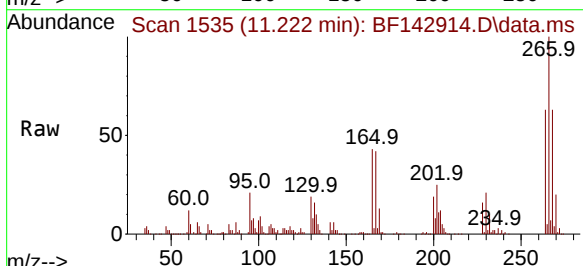
Tgt Ion:266 Resp: 229534

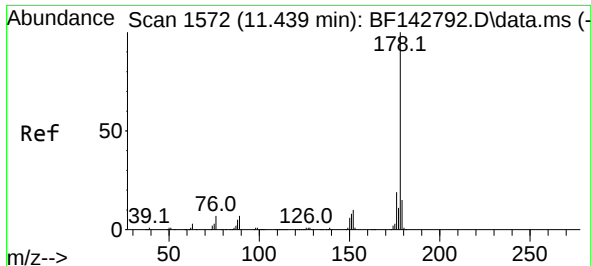
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 62.7 49.9 74.9

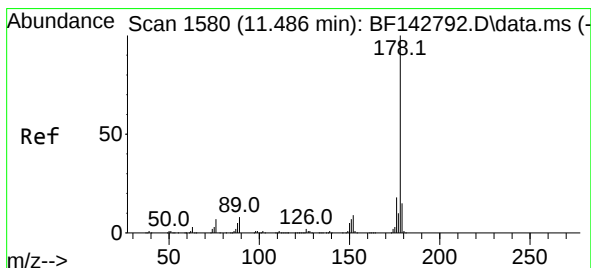
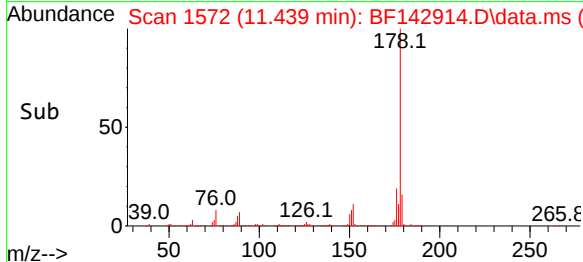
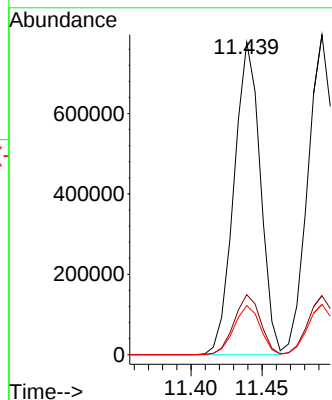
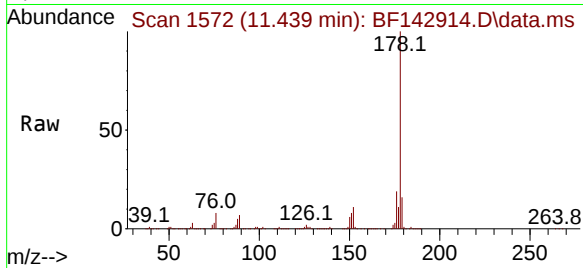




#71
Phenanthrene
Concen: 42.083 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

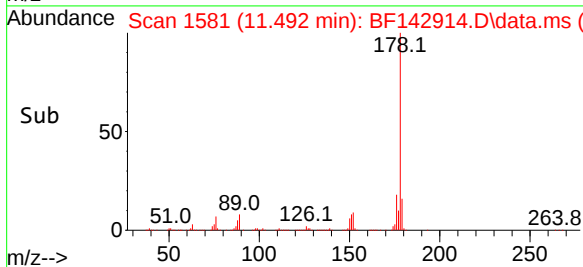
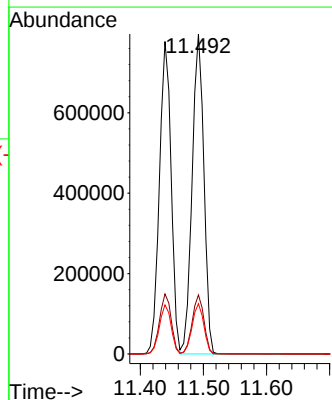
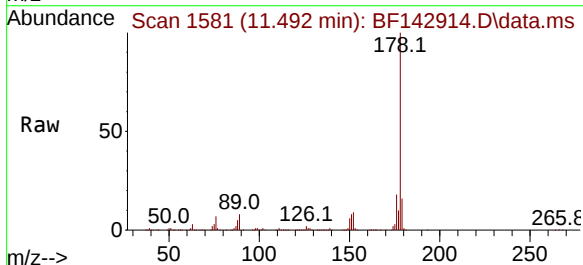
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

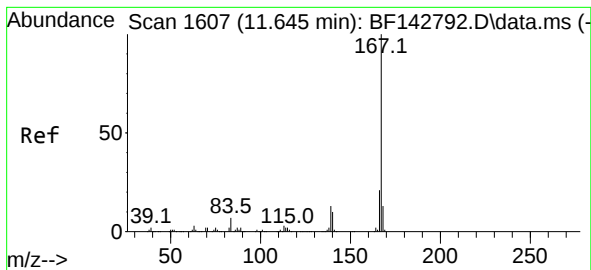
Tgt Ion:178 Resp: 1002078
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.7 12.0 18.0



#72
Anthracene
Concen: 42.140 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:178 Resp: 1029114
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.7 12.4 18.6





#73

Carbazole

Concen: 45.549 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

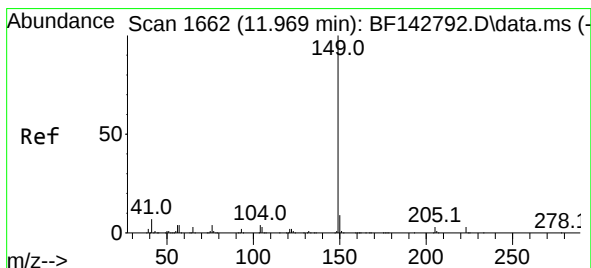
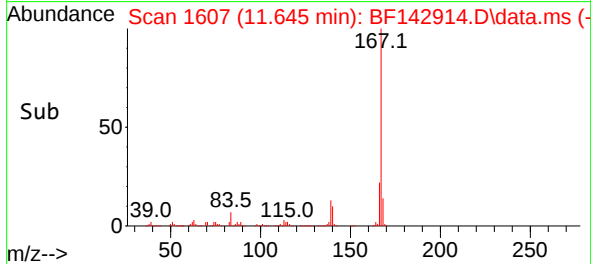
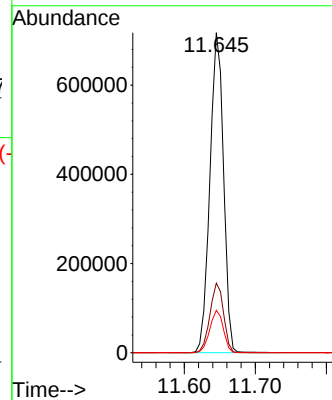
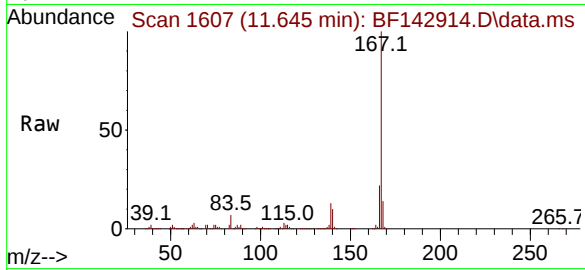
Tgt Ion:167 Resp: 959921

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 13.3 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.094 ng

RT: 11.969 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

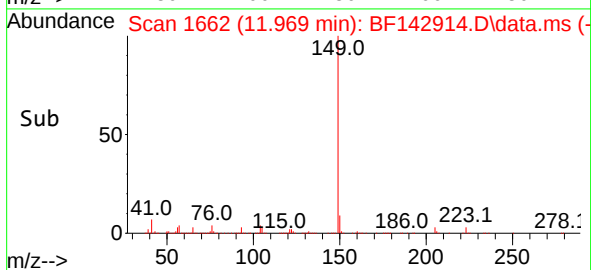
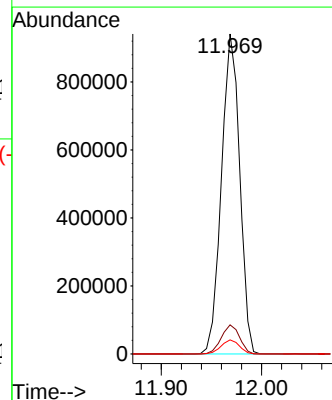
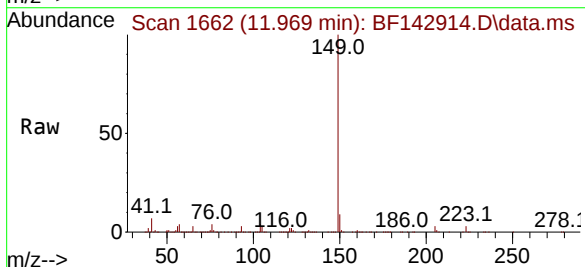
Tgt Ion:149 Resp: 1187601

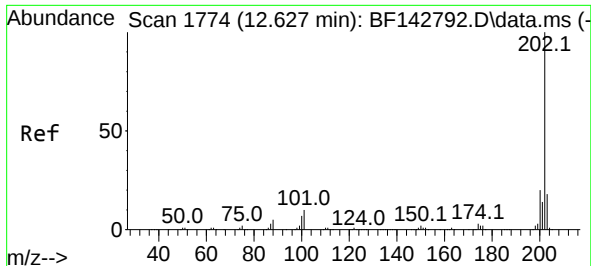
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.4 3.5 5.3

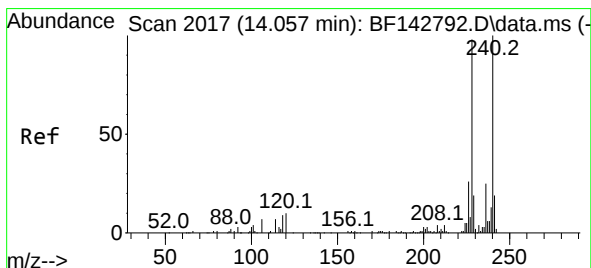
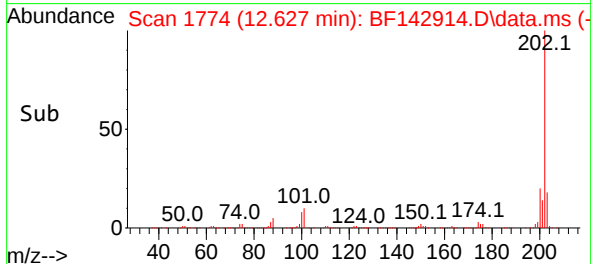
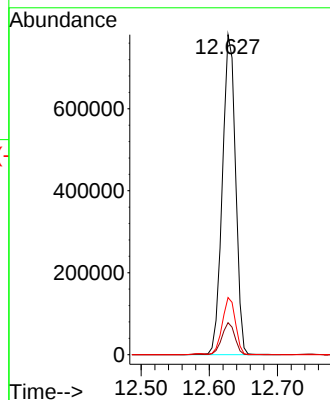
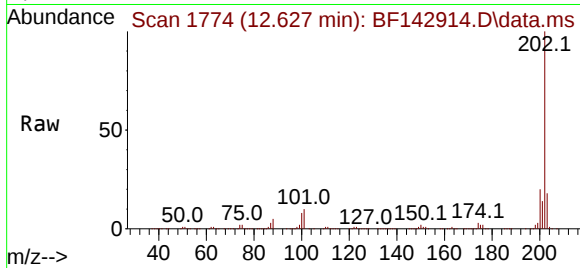




#75
Fluoranthene
Concen: 46.594 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

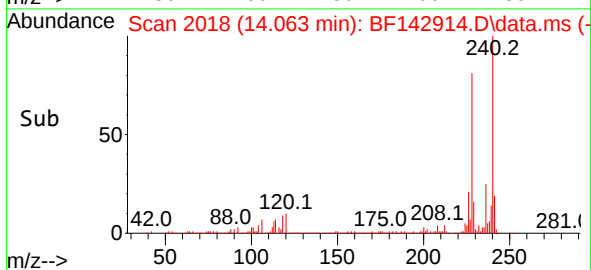
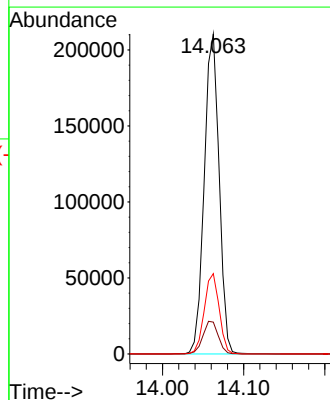
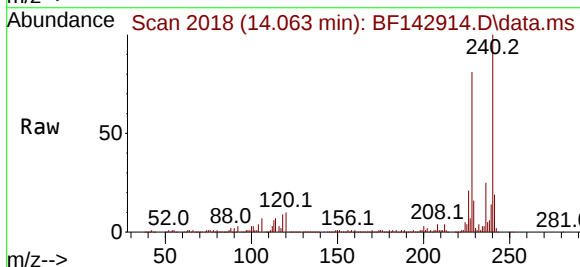
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

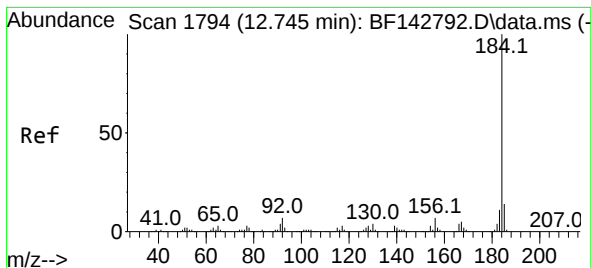
Tgt Ion:202 Resp: 1052967
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.7
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:240 Resp: 267586
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 31.564 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

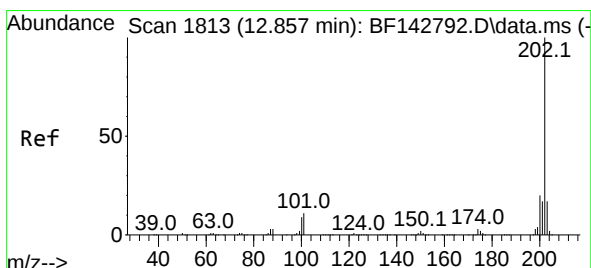
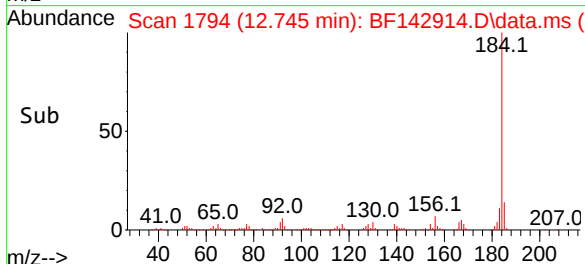
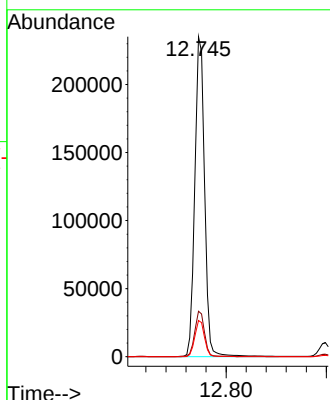
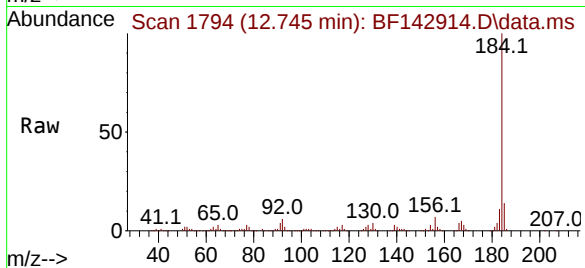
Tgt Ion:184 Resp: 317334

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 41.871 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

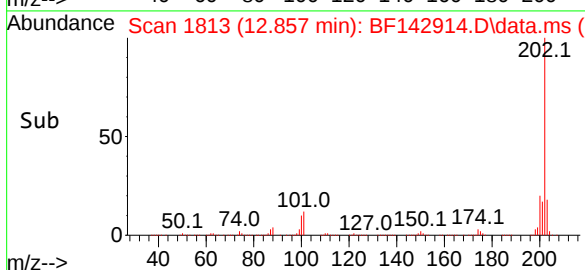
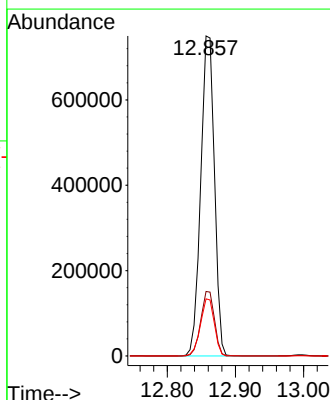
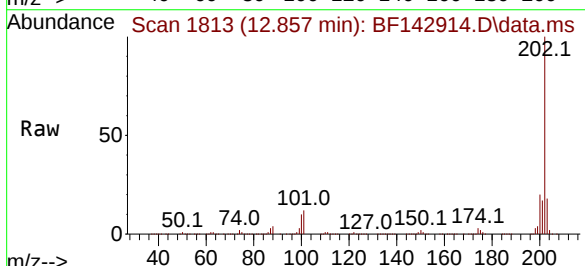
Tgt Ion:202 Resp: 1050214

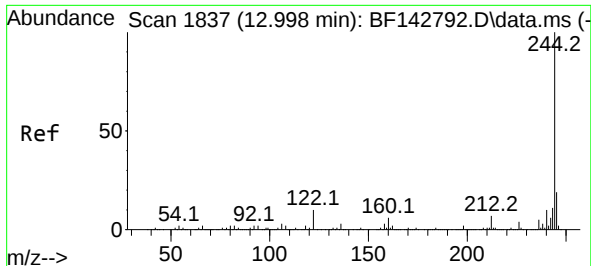
Ion Ratio Lower Upper

202 100

200 20.2 15.7 23.5

203 17.9 13.8 20.6

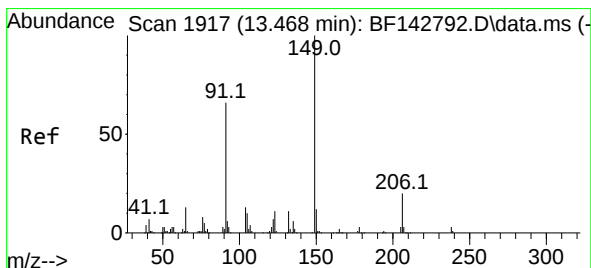
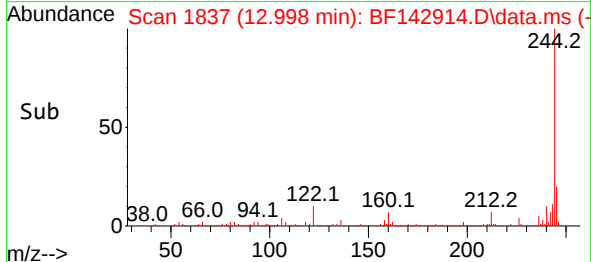
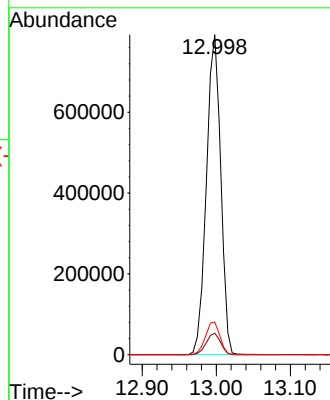
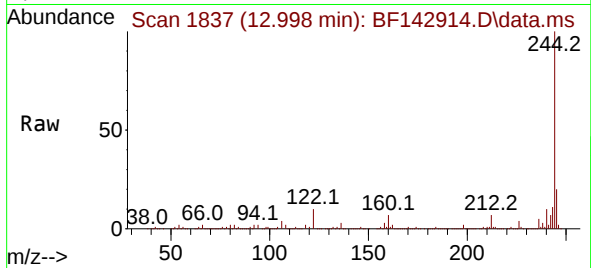




#79
 Terphenyl-d14
 Concen: 54.926 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

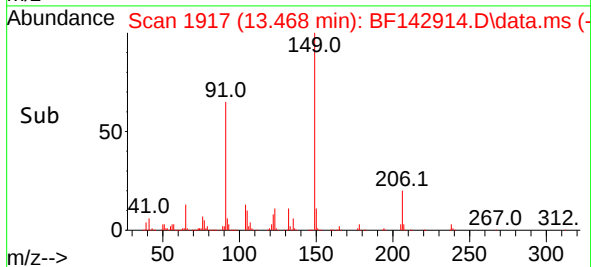
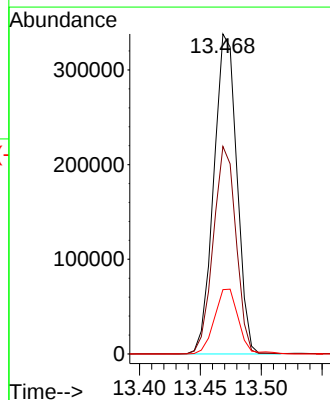
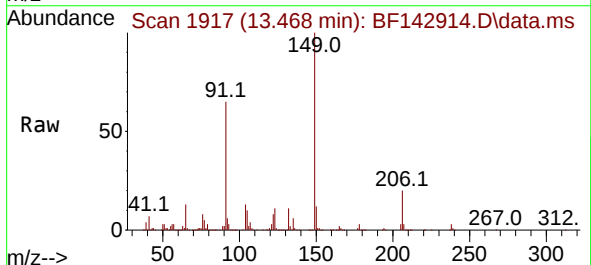
Instrument :
 BNA_F
 ClientSampleId :
 MH-E/FMSD

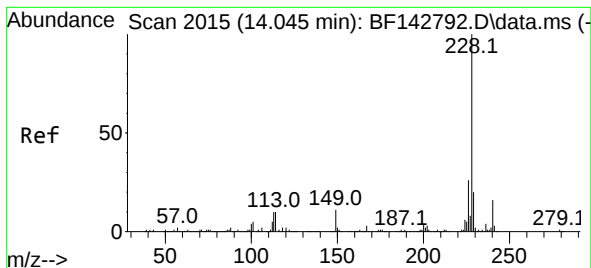
Tgt Ion:244 Resp: 1063719
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 61.282 ng
 RT: 13.468 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142914.D
 Acq: 30 Jun 2025 13:17

Tgt Ion:149 Resp: 445864
 Ion Ratio Lower Upper
 149 100
 91 64.9 52.9 79.3
 206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 43.984 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

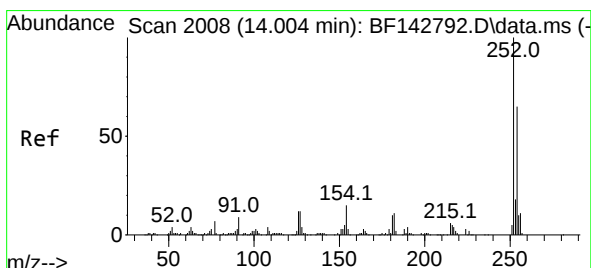
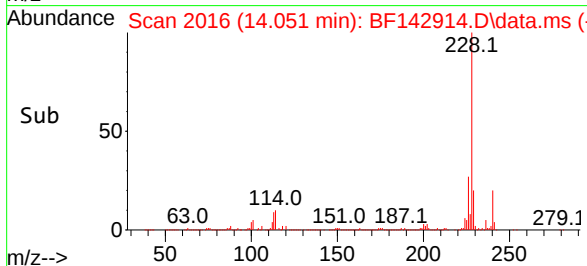
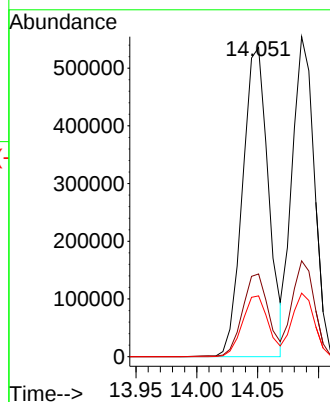
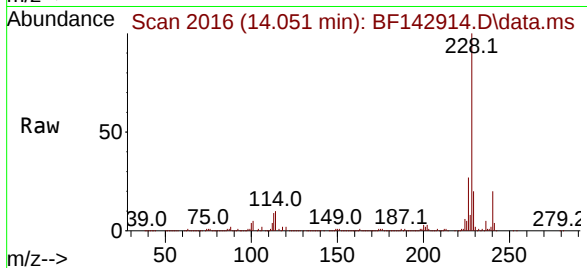
Tgt Ion:228 Resp: 793975

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 18.326 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

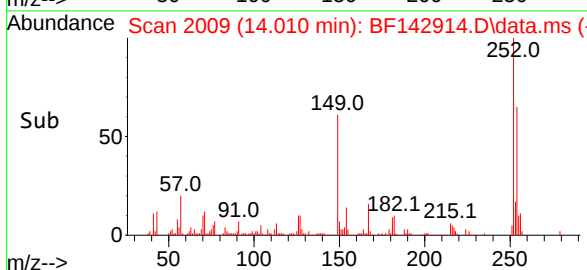
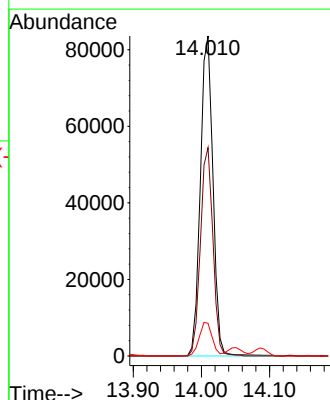
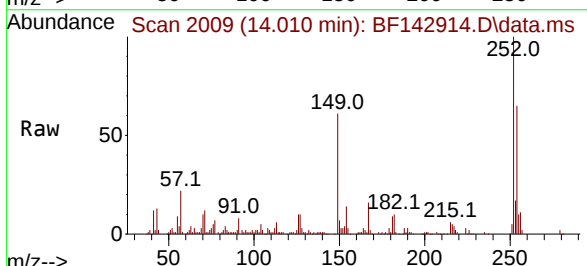
Tgt Ion:252 Resp: 107304

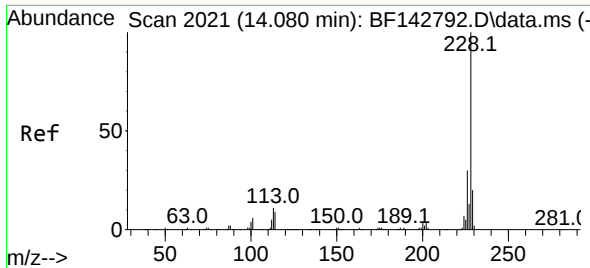
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 10.2 9.4 14.2

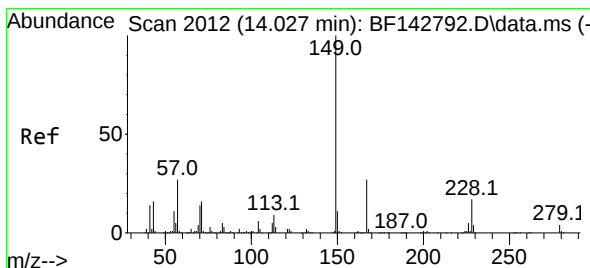
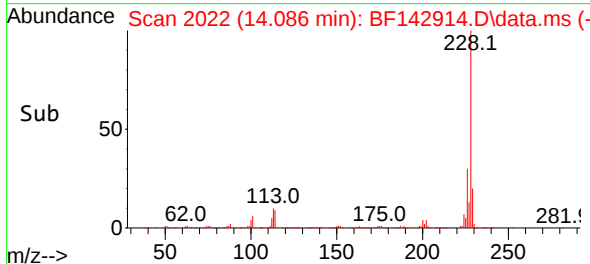
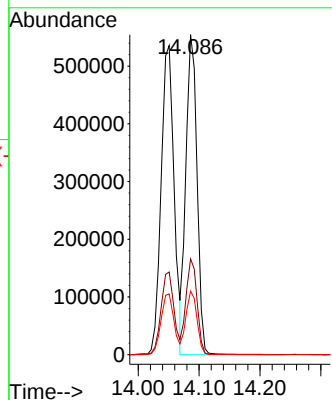
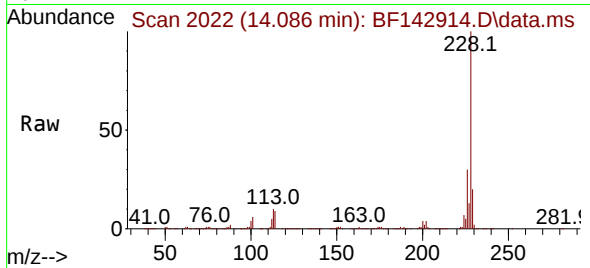




#83
Chrysene
Concen: 43.938 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

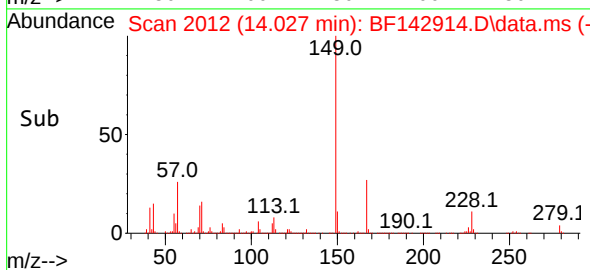
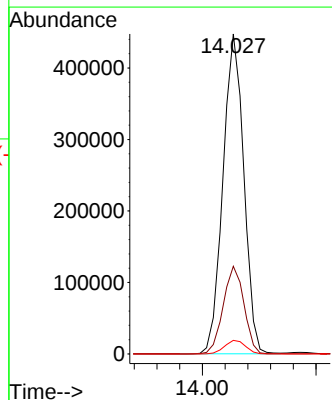
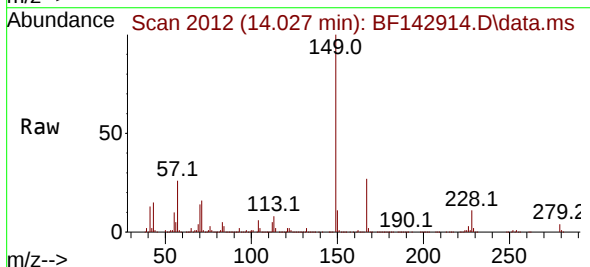
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

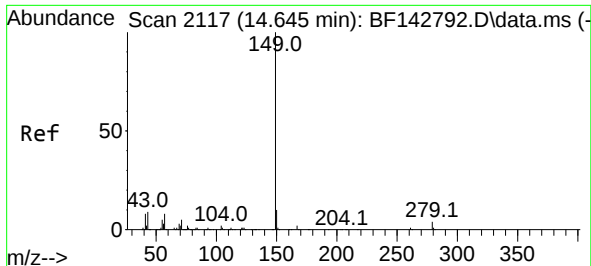
Tgt Ion:228 Resp: 707737
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.528 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:149 Resp: 570793
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.3 3.0 4.6

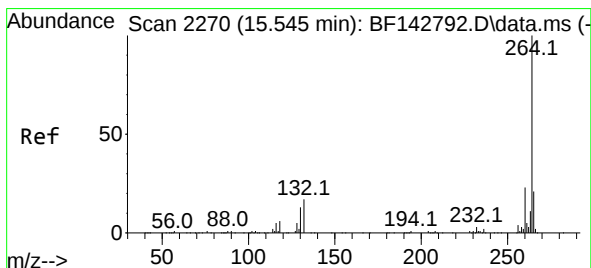
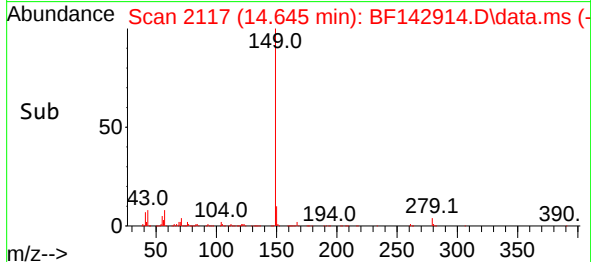
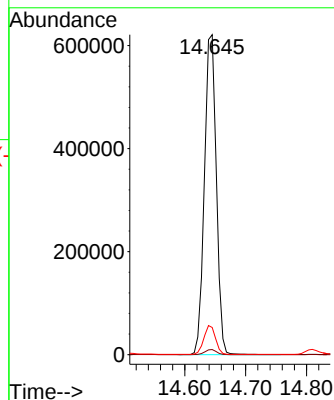
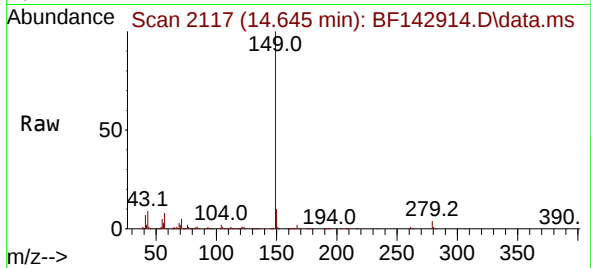




#85
Di-n-octyl phthalate
Concen: 42.763 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

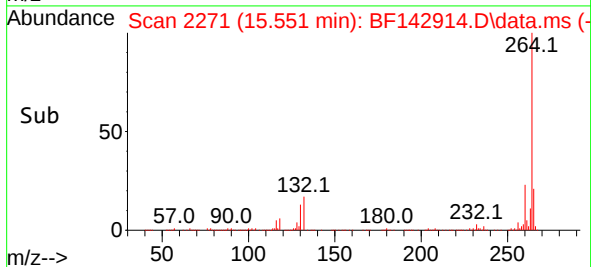
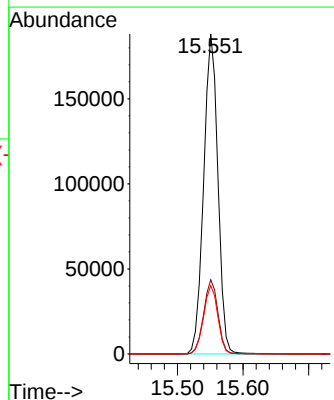
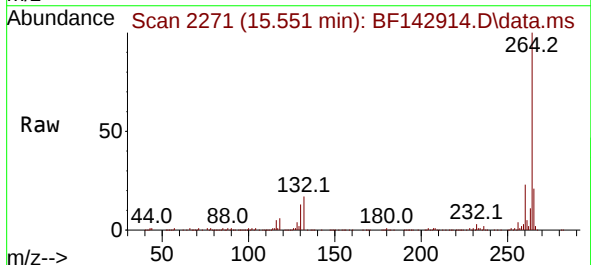
Instrument :
BNA_F
ClientSampleId :
MH-E/FMSD

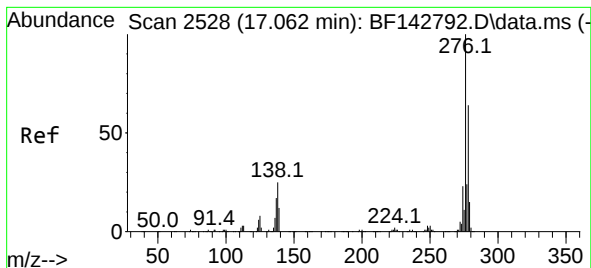
Tgt Ion:149 Resp: 844081
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142914.D
Acq: 30 Jun 2025 13:17

Tgt Ion:264 Resp: 284395
Ion Ratio Lower Upper
264 100
260 23.2 18.1 27.1
265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 30.279 ng

RT: 17.068 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

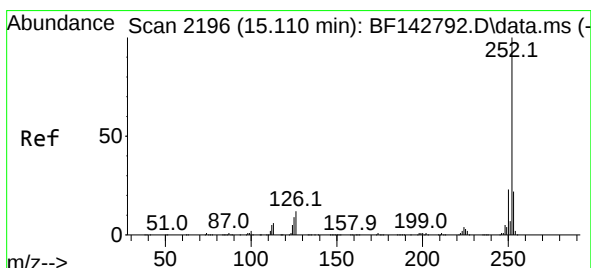
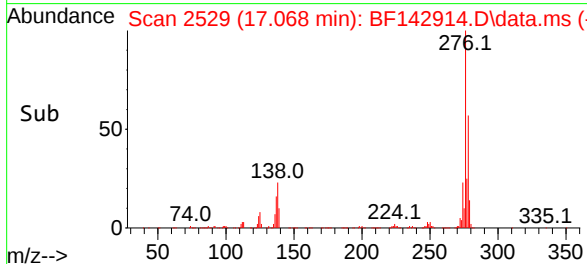
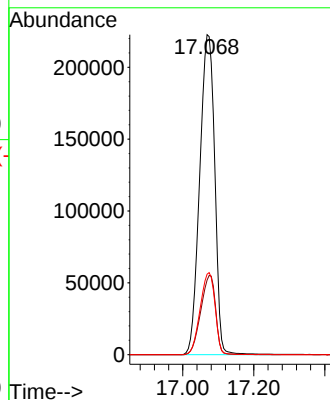
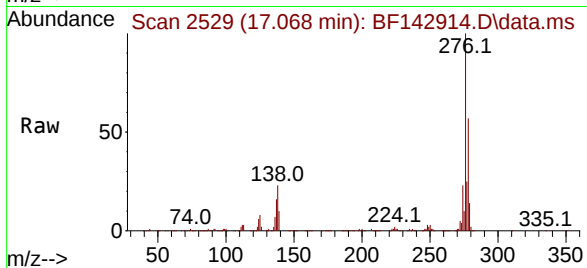
Tgt Ion:276 Resp: 655902

Ion Ratio Lower Upper

276 100

138 24.4 20.2 30.4

277 25.4 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 45.001 ng

RT: 15.115 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

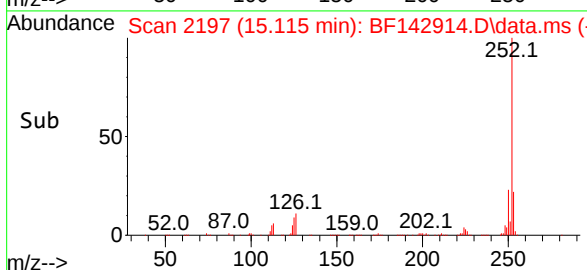
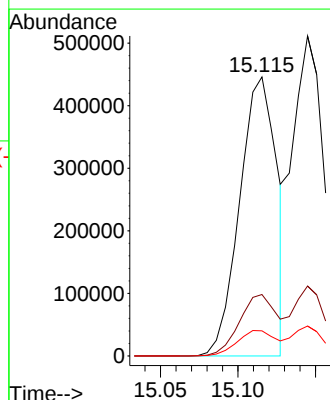
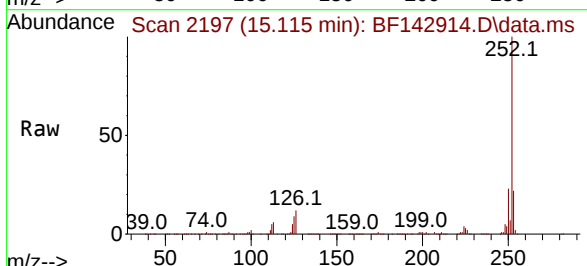
Tgt Ion:252 Resp: 740550

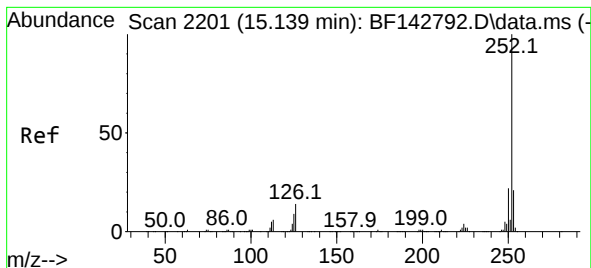
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.0 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.273 ng

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

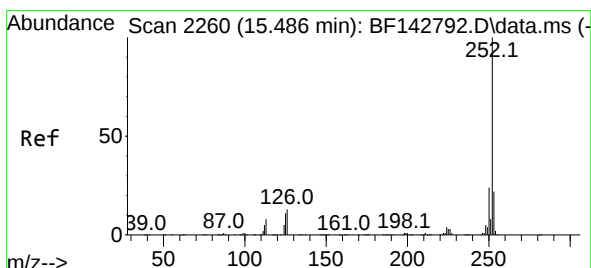
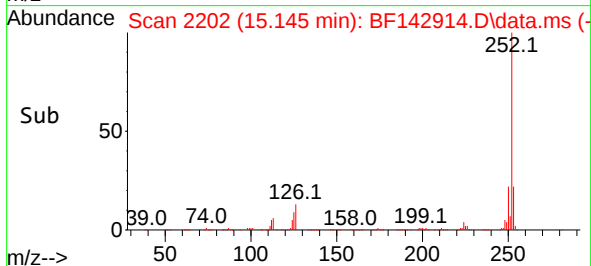
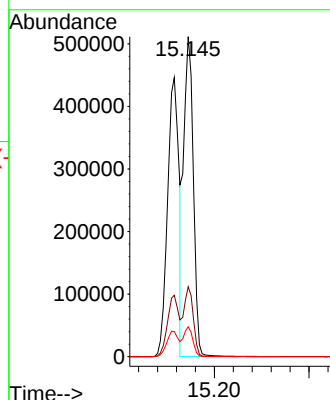
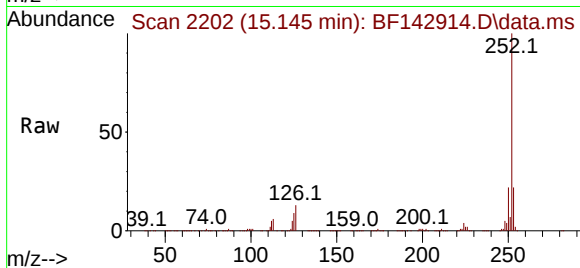
Tgt Ion:252 Resp: 727830

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 45.107 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.006 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

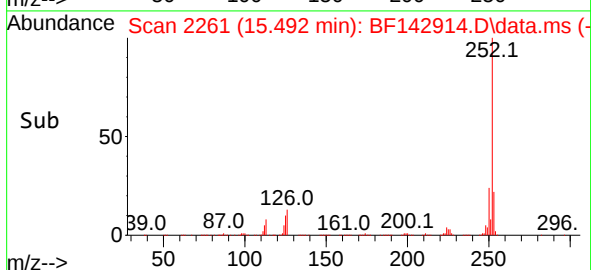
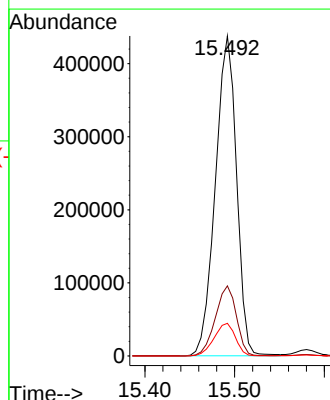
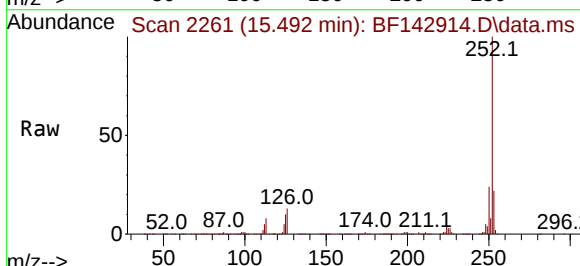
Tgt Ion:252 Resp: 717112

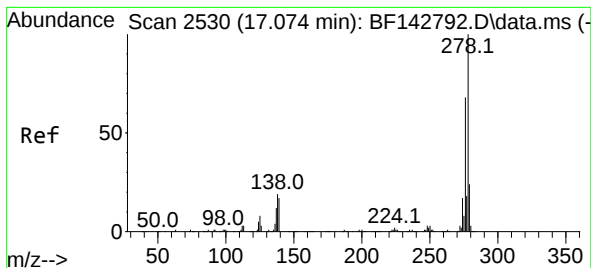
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.2 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 30.725 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Instrument :

BNA_F

ClientSampleId :

MH-E/FMSD

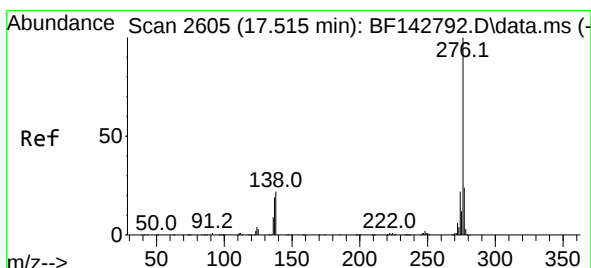
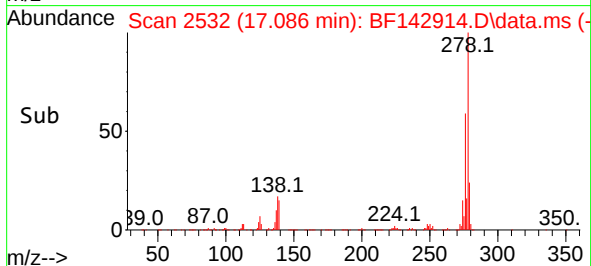
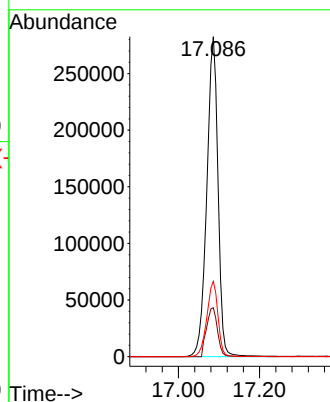
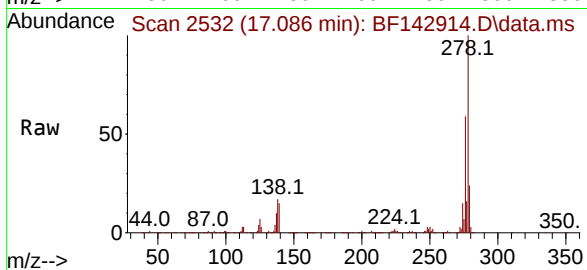
Tgt Ion:278 Resp: 540782

Ion Ratio Lower Upper

278 100

139 15.3 13.5 20.3

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 25.727 ng

RT: 17.527 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF142914.D

Acq: 30 Jun 2025 13:17

Tgt Ion:276 Resp: 451541

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.4 17.6 26.4

