

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
 Data File : BF142796.D
 Acq On : 19 Jun 2025 21:10
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Quant Time: Jun 24 15:59:56 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	74183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	279139	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	142968	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	228099	20.000	ng	0.00
76) Chrysene-d12	14.057	240	122573	20.000	ng	0.00
86) Perylene-d12	15.545	264	153363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	361762	81.192	ng	0.00
7) Phenol-d6	6.510	99	421918	80.262	ng	0.00
23) Nitrobenzene-d5	7.445	82	373199	73.334	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	117795	80.065	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	785440	72.171	ng	0.00
79) Terphenyl-d14	12.998	244	628420	70.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	70139	39.357	ng	100
3) Pyridine	3.404	79	185173	41.446	ng	99
4) n-Nitrosodimethylamine	3.357	42	96831	41.912	ng	99
6) Aniline	6.545	93	296519	42.392	ng	99
8) 2-Chlorophenol	6.663	128	202041	42.036	ng	100
9) Benzaldehyde	6.434	77	148174	47.511	ng	99
10) Phenol	6.522	94	244839	41.901	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	176058	42.157	ng	99
12) 1,3-Dichlorobenzene	6.822	146	228820	42.568	ng	99
13) 1,4-Dichlorobenzene	6.898	146	229234	42.268	ng	99
14) 1,2-Dichlorobenzene	7.051	146	218720	42.520	ng	99
15) Benzyl Alcohol	7.022	79	160044	42.114	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	284352	42.379	ng	100
17) 2-Methylphenol	7.134	107	154746	42.485	ng	98
18) Hexachloroethane	7.392	117	80788	42.589	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	127308	41.640	ng	99
20) 3+4-Methylphenols	7.287	107	194841	42.904	ng	98
22) Acetophenone	7.292	105	261474	42.478	ng	99
24) Nitrobenzene	7.463	77	193310	41.968	ng	99
25) Isophorone	7.704	82	338001	41.403	ng	99
26) 2-Nitrophenol	7.781	139	108455	43.224	ng	100
27) 2,4-Dimethylphenol	7.816	122	183273	42.168	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	217774	41.960	ng	99
29) 2,4-Dichlorophenol	8.022	162	166286	42.196	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	182768	42.177	ng	100
31) Naphthalene	8.187	128	576847	42.218	ng	100
32) Benzoic acid	7.922	122	101203	45.685	ng	95
33) 4-Chloroaniline	8.234	127	232045	41.766	ng	98
34) Hexachlorobutadiene	8.304	225	113068	42.657	ng	99
35) Caprolactam	8.604	113	42561	40.928	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	164064	41.890	ng	99
37) 2-Methylnaphthalene	8.881	142	353484	41.730	ng	100
38) 1-Methylnaphthalene	8.981	142	364378	41.554	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	182379	43.233	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108592	45.361	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	116946	42.543	ng	98

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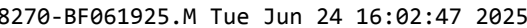
Instrument :
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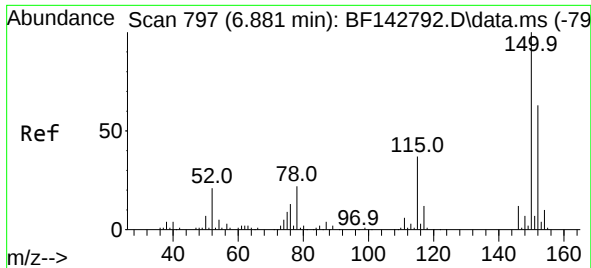
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	124558	43.045	ng	99
46) 1,1'-Biphenyl	9.345	154	476133	42.159	ng	100
47) 2-Chloronaphthalene	9.369	162	354405	41.817	ng	100
48) 2-Nitroaniline	9.463	65	99137	41.724	ng	97
49) Acenaphthylene	9.786	152	580204	41.586	ng	100
50) Dimethylphthalate	9.645	163	381573	41.232	ng	100
51) 2,6-Dinitrotoluene	9.704	165	84111	41.386	ng	99
52) Acenaphthene	9.957	154	356031	41.825	ng	100
53) 3-Nitroaniline	9.875	138	92889	41.512	ng	99
54) 2,4-Dinitrophenol	9.981	184	44513	43.742	ng	99
55) Dibenzofuran	10.128	168	502290	41.150	ng	100
56) 4-Nitrophenol	10.033	139	62127	40.556	ng	97
57) 2,4-Dinitrotoluene	10.110	165	111649	41.358	ng	100
58) Fluorene	10.475	166	391356	41.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97630	41.857	ng	97
60) Diethylphthalate	10.339	149	371453	40.937	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	185884	40.862	ng	99
62) 4-Nitroaniline	10.486	138	83143	40.628	ng	99
63) Azobenzene	10.622	77	332701	41.025	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	59797	43.341	ng	94
66) n-Nitrosodiphenylamine	10.580	169	331671	41.955	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	112604	43.376	ng	96
68) Hexachlorobenzene	11.022	284	122976	42.632	ng	98
69) Atrazine	11.104	200	87455	42.840	ng	99
70) Pentachlorophenol	11.216	266	62292	43.337	ng	99
71) Phenanthrene	11.433	178	514049	41.603	ng	99
72) Anthracene	11.486	178	532397	42.013	ng	99
73) Carbazole	11.645	167	446814	40.858	ng	100
74) Di-n-butylphthalate	11.969	149	481078	42.228	ng	100
75) Fluoranthene	12.627	202	473431	40.372	ng	100
77) Benzidine	12.745	184	218884	47.530	ng	99
78) Pyrene	12.857	202	468692	40.794	ng	100
80) Butylbenzylphthalate	13.469	149	154743	46.431	ng	99
81) Benzo(a)anthracene	14.045	228	346202	41.868	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	124771	46.521	ng	99
83) Chrysene	14.080	228	321976	43.637	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	230046	47.976	ng	99
85) Di-n-octyl phthalate	14.645	149	425193	47.026	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	491326	42.060	ng	100
88) Benzo(b)fluoranthene	15.110	252	362077	40.801	ng	100
89) Benzo(k)fluoranthene	15.139	252	347044	41.800	ng	100
90) Benzo(a)pyrene	15.486	252	361077	42.117	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	399293	42.069	ng	99
92) Benzo(g,h,i)perylene	17.515	276	397566	42.006	ng	100

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

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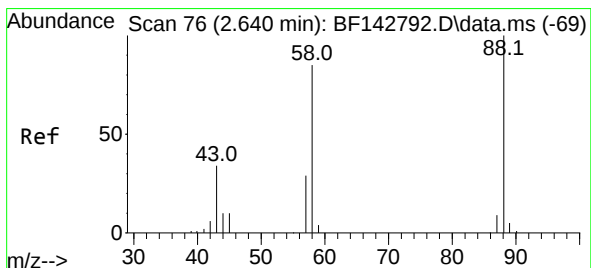
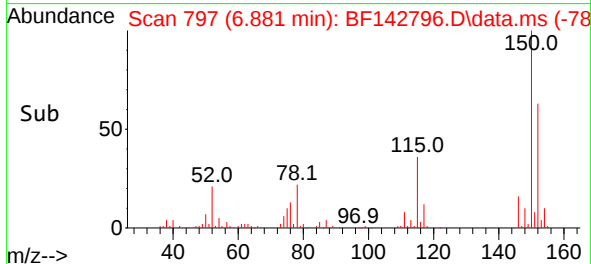
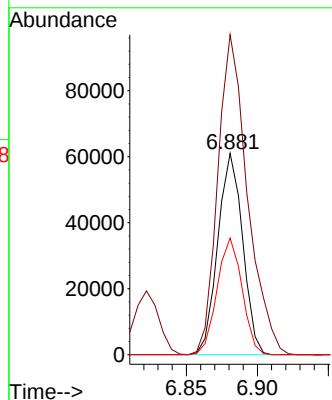
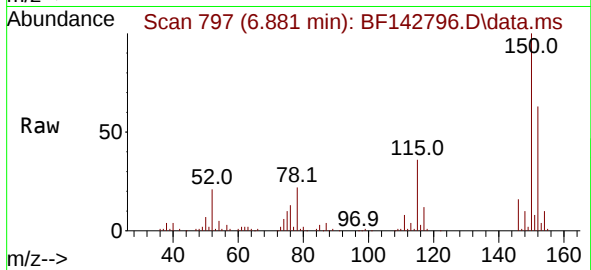




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

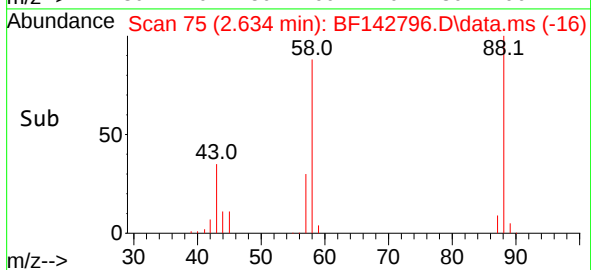
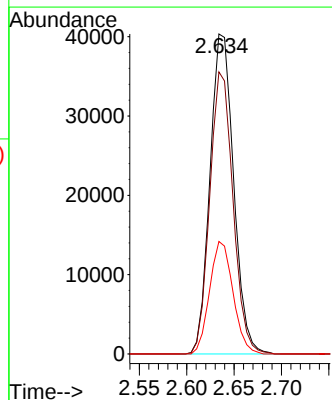
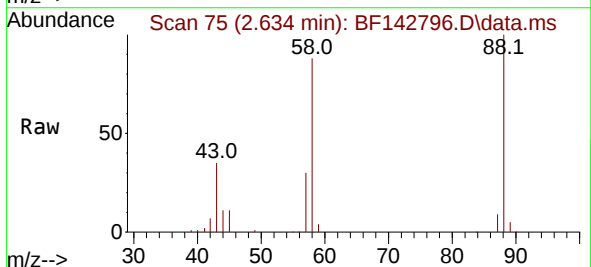
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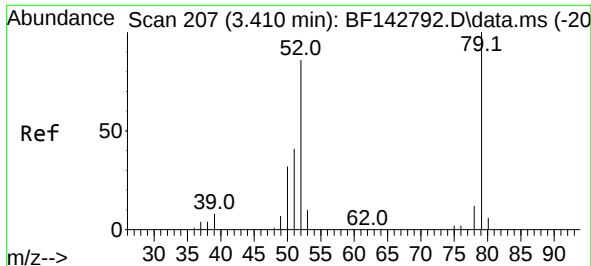
Tgt Ion:152 Resp: 74183
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.2 190.8
 115 57.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 39.357 ng
 RT: 2.634 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Tgt Ion: 88 Resp: 70139
 Ion Ratio Lower Upper
 88 100
 58 86.6 69.1 103.7
 43 34.8 27.4 41.2

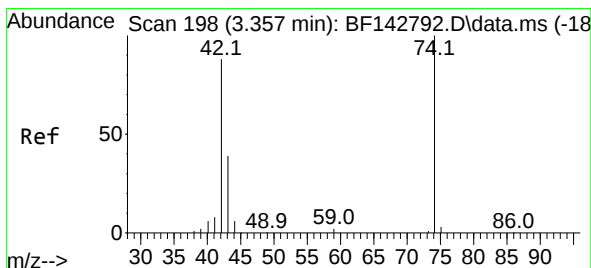
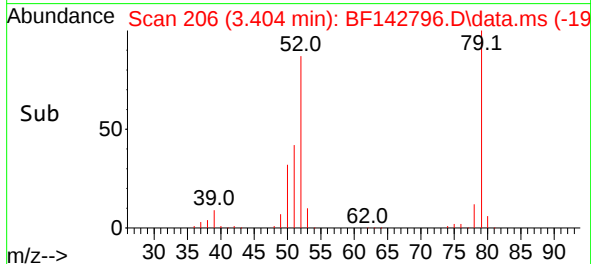
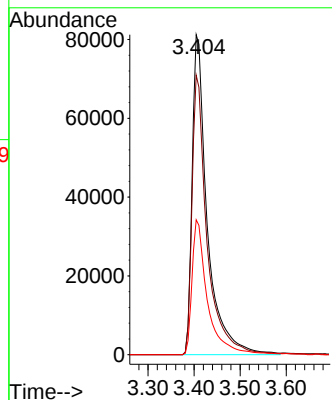
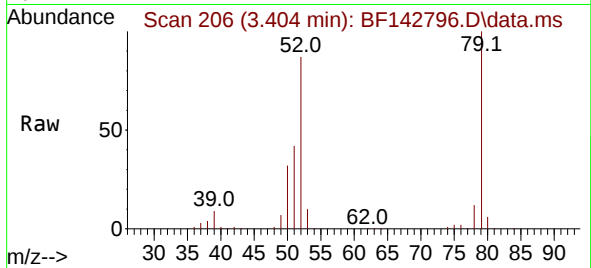




#3
Pyridine
Concen: 41.446 ng
RT: 3.404 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

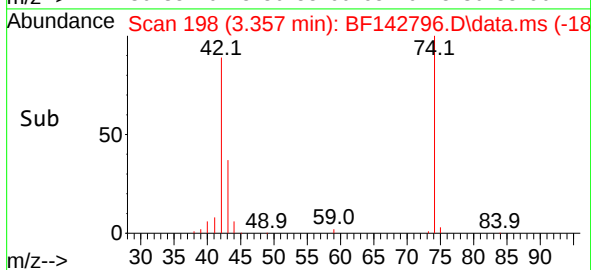
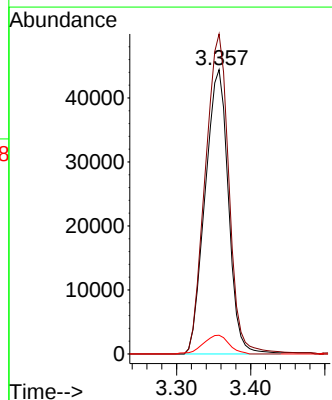
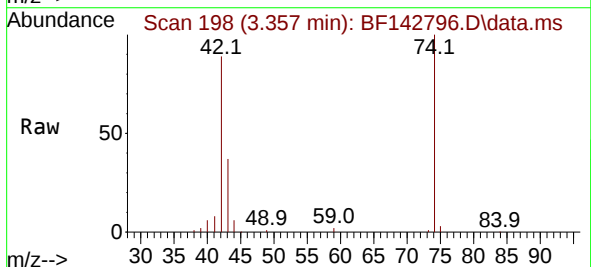
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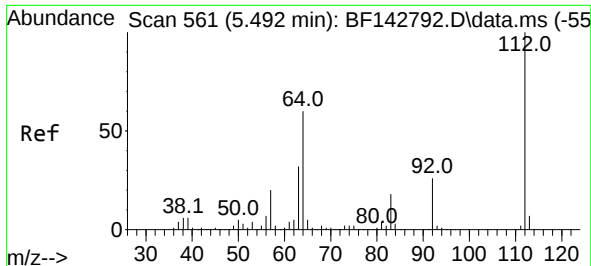
Tgt Ion: 79 Resp: 185173
Ion Ratio Lower Upper
79 100
52 87.4 69.2 103.8
51 42.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.912 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 42 Resp: 96831
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 6.6 5.8 8.6

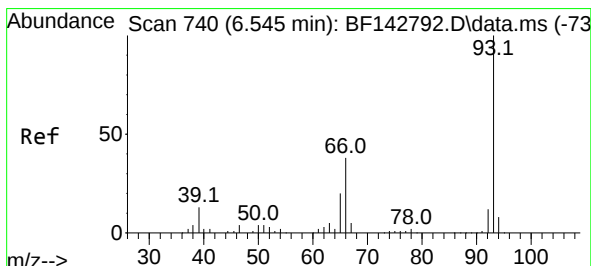
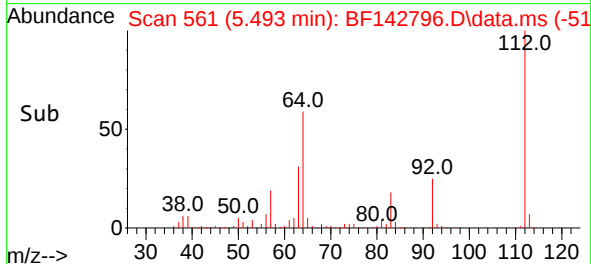
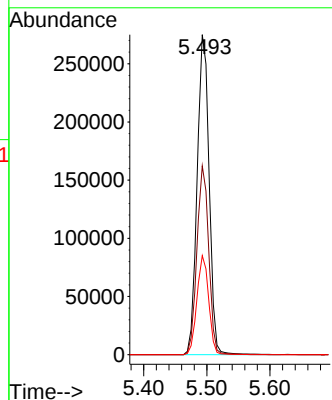
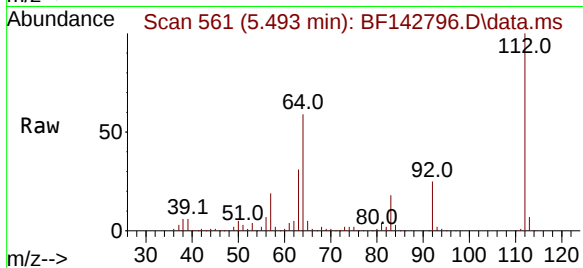




#5
2-Fluorophenol
Concen: 81.192 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

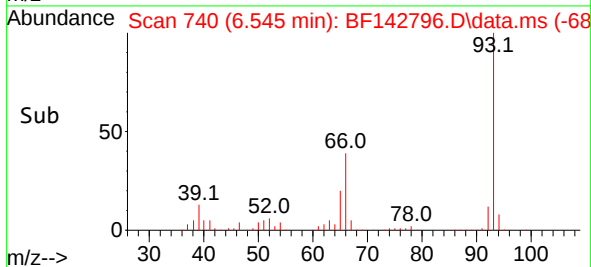
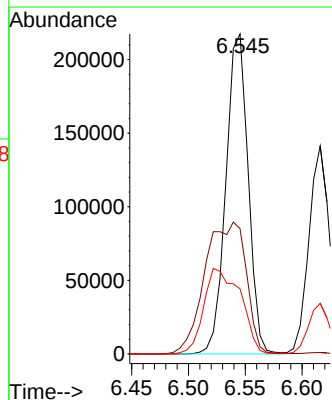
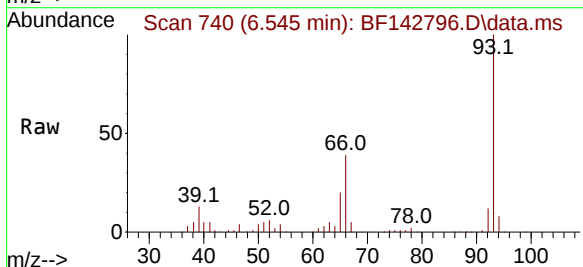
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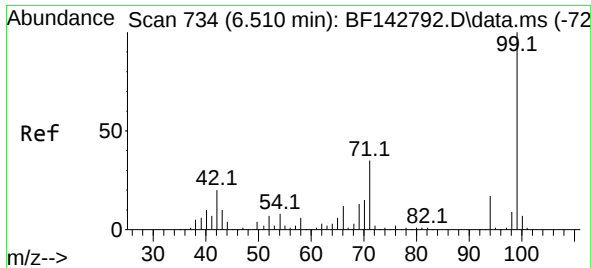
Tgt Ion:112 Resp: 361762
Ion Ratio Lower Upper
112 100
64 59.0 48.2 72.2
63 31.0 25.7 38.5



#6
Aniline
Concen: 42.392 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 93 Resp: 296519
Ion Ratio Lower Upper
93 100
66 39.2 31.8 47.6
65 20.4 16.2 24.2

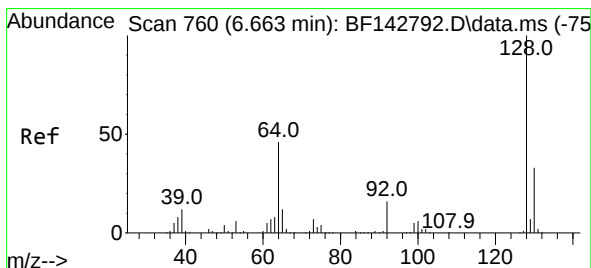
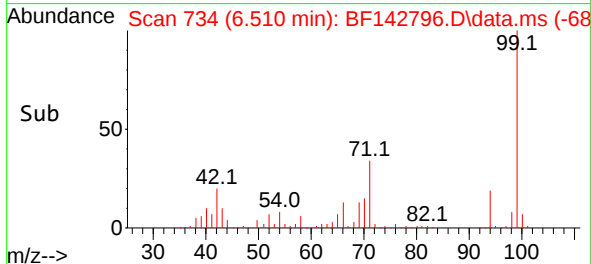
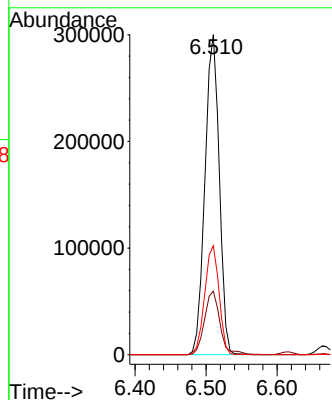
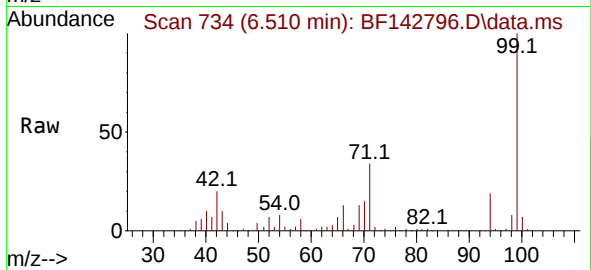




#7
Phenol-d6
Concen: 80.262 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

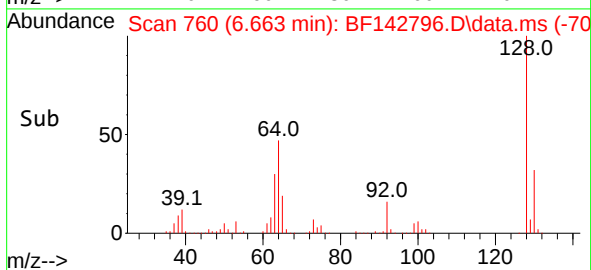
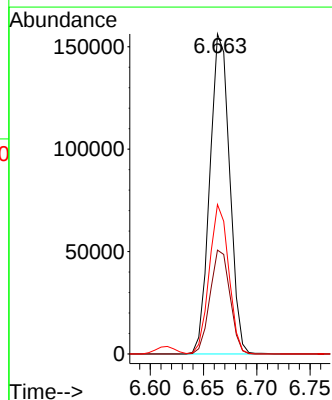
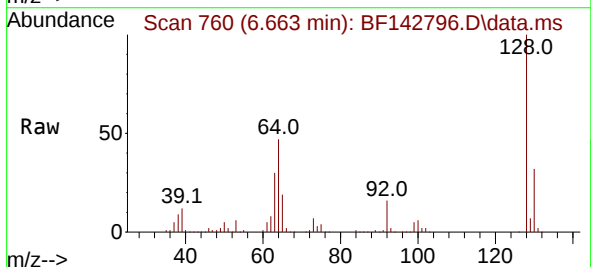
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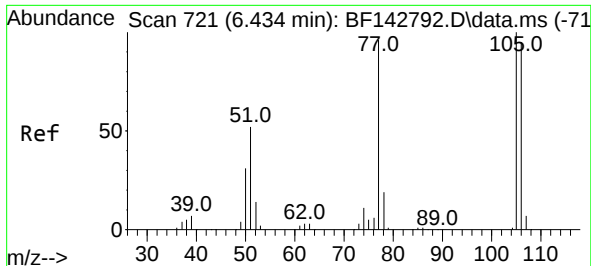
Tgt Ion: 99 Resp: 421918
Ion Ratio Lower Upper
99 100
42 19.8 15.9 23.9
71 34.1 27.8 41.8



#8
2-Chlorophenol
Concen: 42.036 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:128 Resp: 202041
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 46.7 26.5 66.5

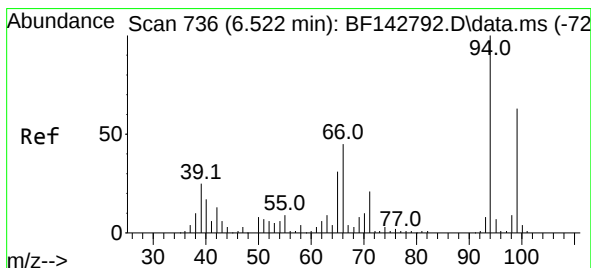
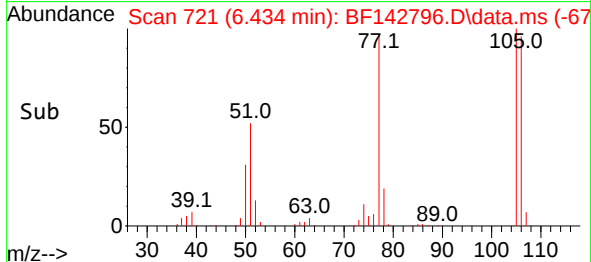
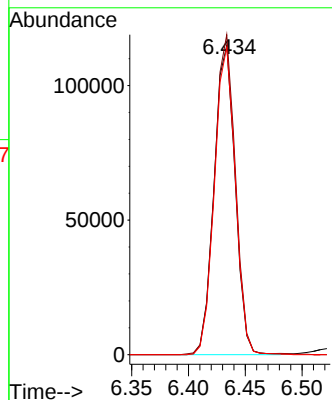
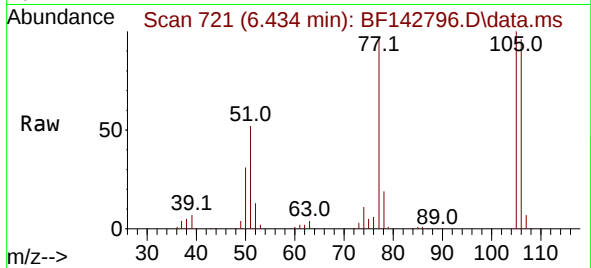




#9
Benzaldehyde
Concen: 47.511 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

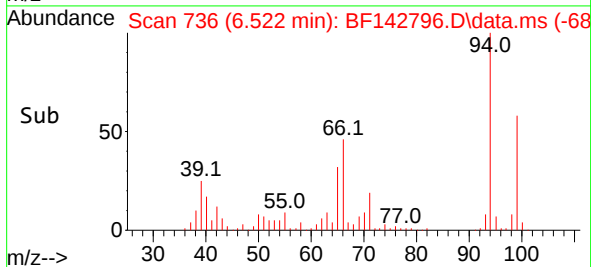
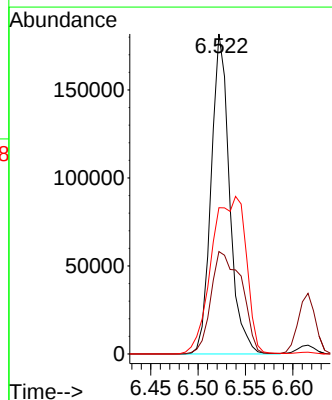
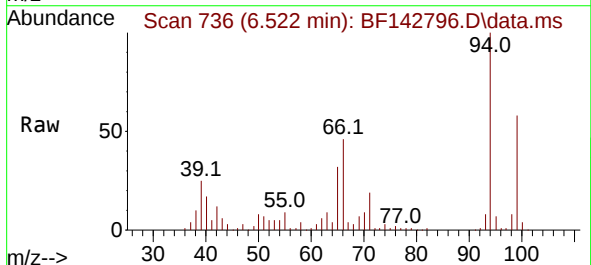
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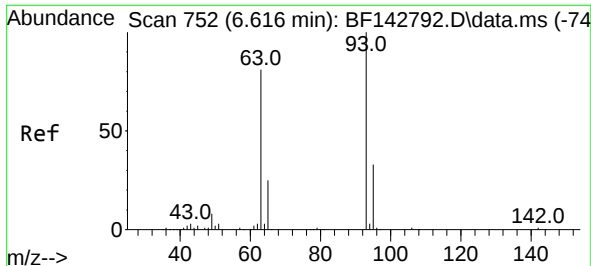
Tgt Ion: 77	Resp: 148174
Ion Ratio	Lower Upper
77 100	
105 103.4	83.8 123.8
106 99.4	78.7 118.7



#10
Phenol
Concen: 41.901 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 94	Resp: 244839
Ion Ratio	Lower Upper
94 100	
65 32.0	11.3 51.3
66 45.7	24.9 64.9

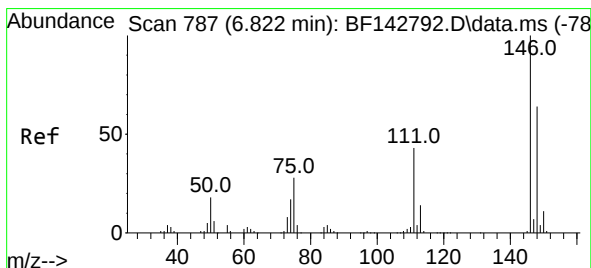
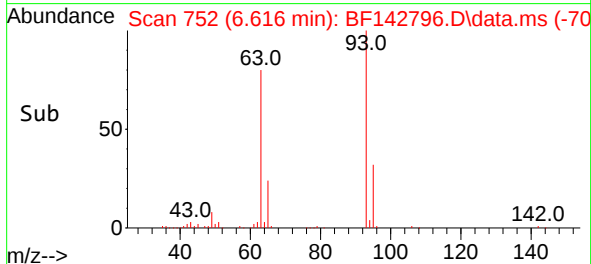
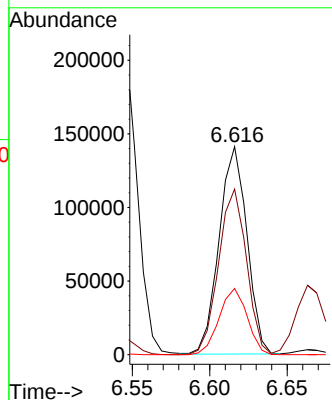
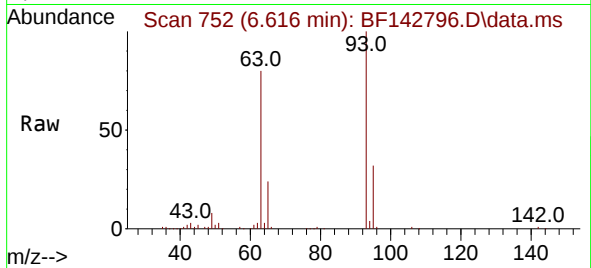




#11
bis(2-Chloroethyl)ether
Concen: 42.157 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

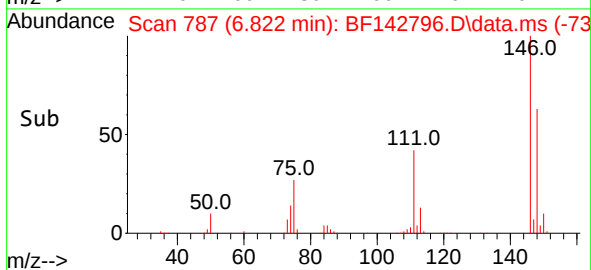
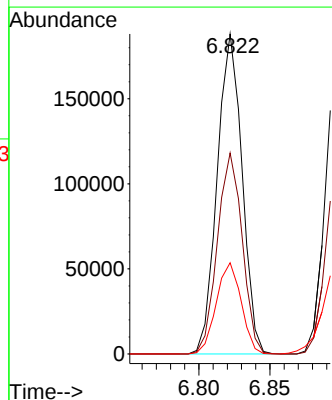
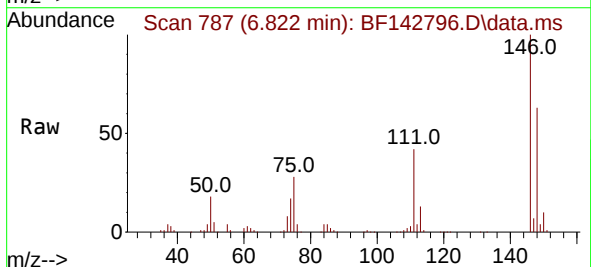
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

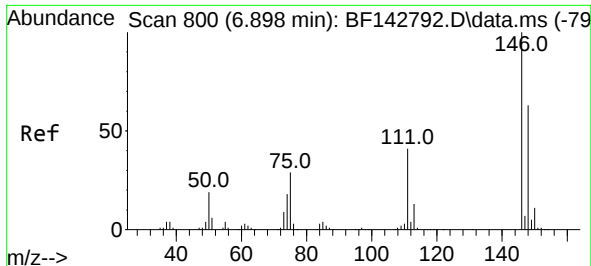
Tgt Ion: 93 Resp: 176058
Ion Ratio Lower Upper
93 100
63 79.6 60.3 100.3
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.568 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:146 Resp: 228820
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
75 28.5 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.268 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

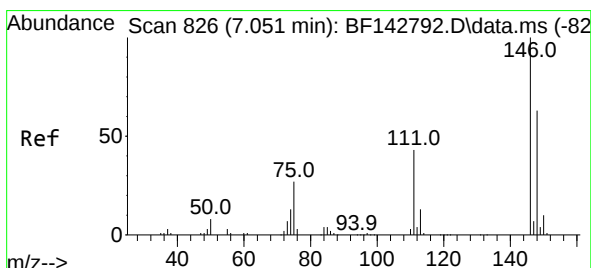
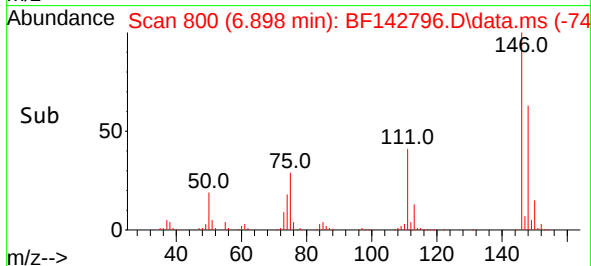
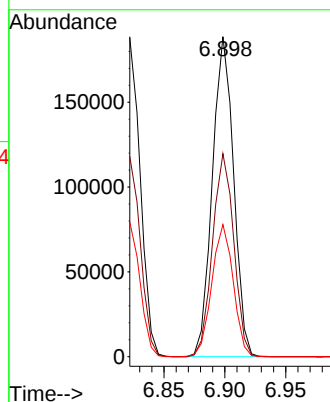
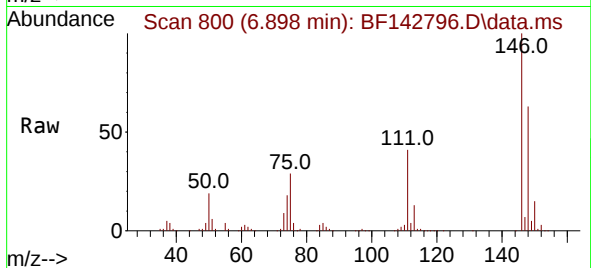
Tgt Ion:146 Resp: 229234

Ion Ratio Lower Upper

146 100

148 63.5 50.2 75.2

111 41.3 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.520 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

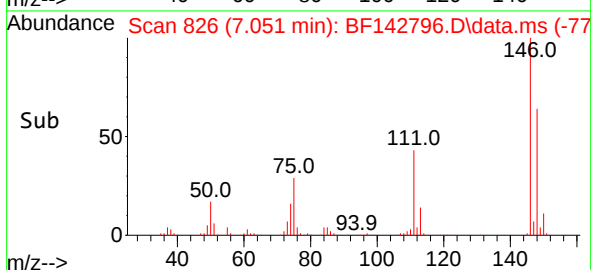
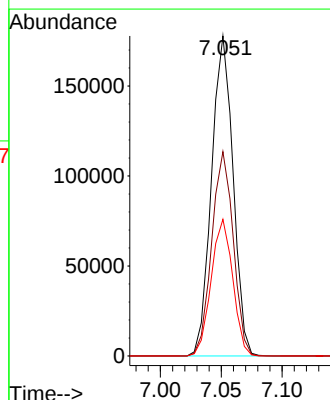
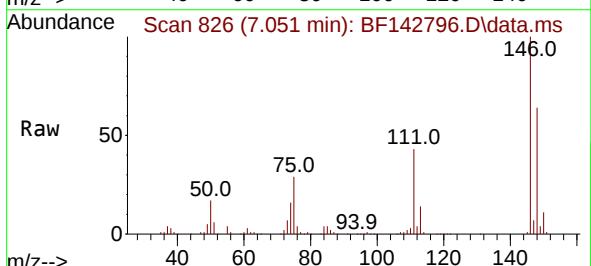
Tgt Ion:146 Resp: 218720

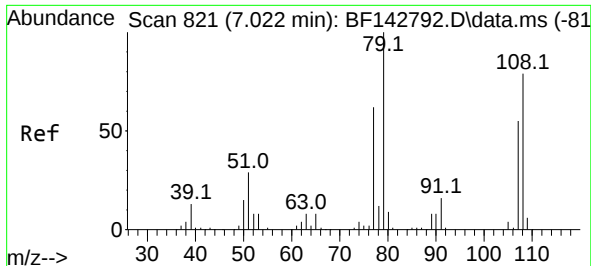
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

111 42.7 34.1 51.1

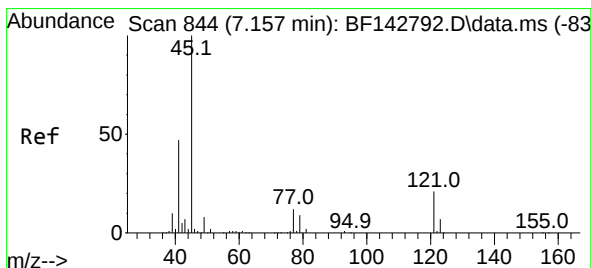
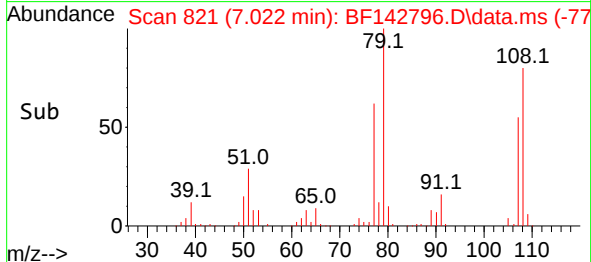
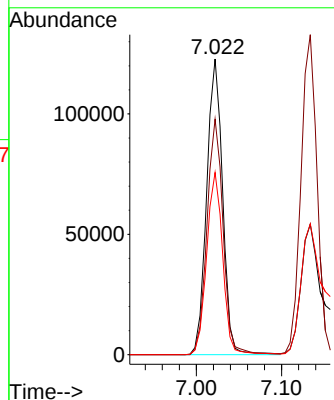
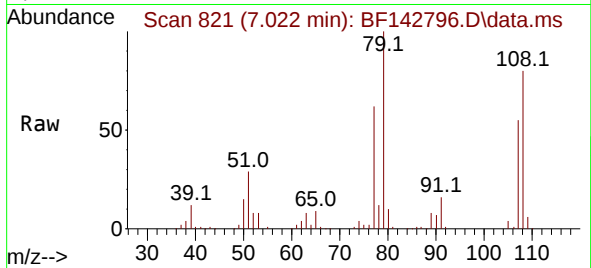




#15
Benzyl Alcohol
Concen: 42.114 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

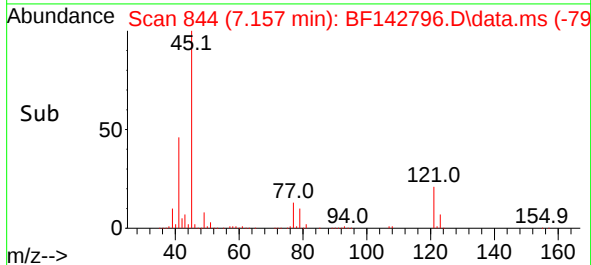
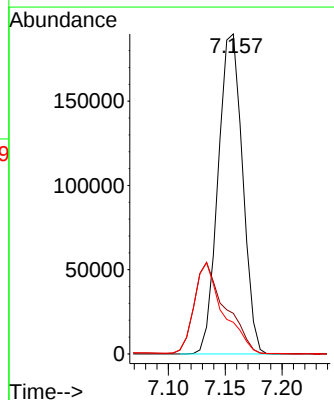
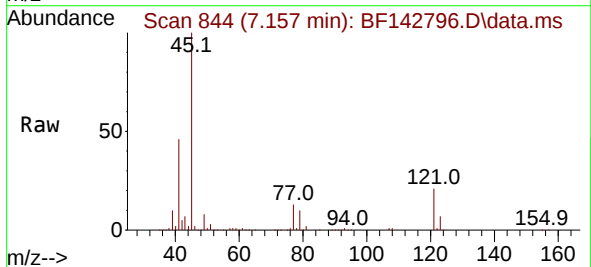
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

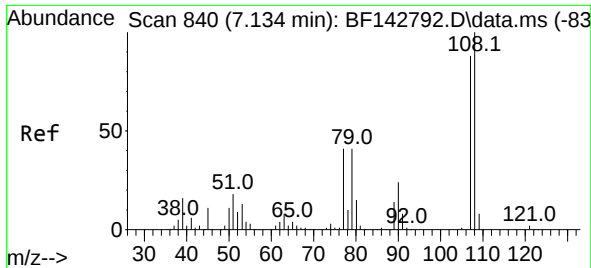
Tgt Ion: 79 Resp: 160044
Ion Ratio Lower Upper
79 100
108 79.6 63.4 95.0
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.379 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 45 Resp: 284352
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.8
79 9.9 0.0 29.8

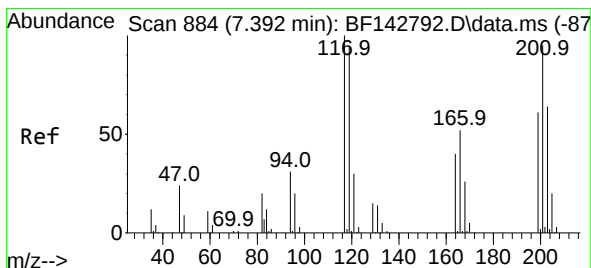
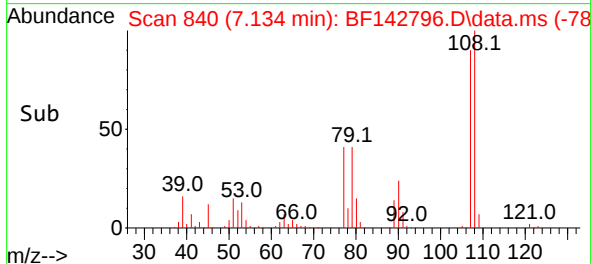
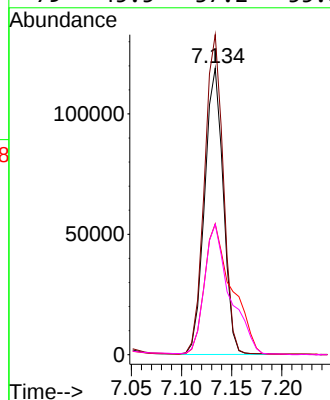
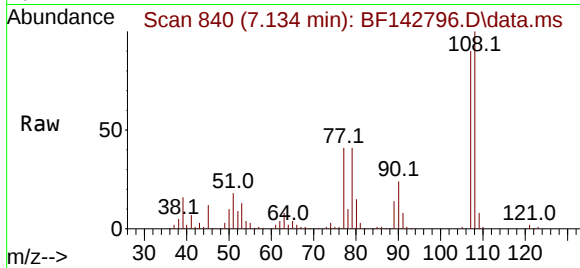




#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

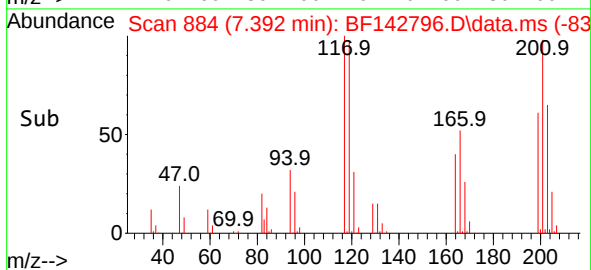
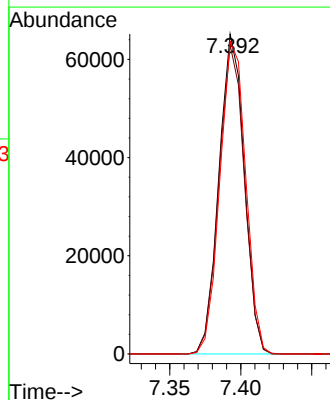
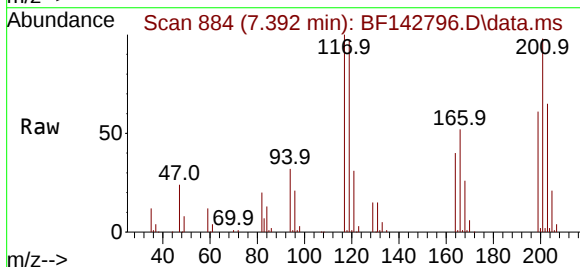
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

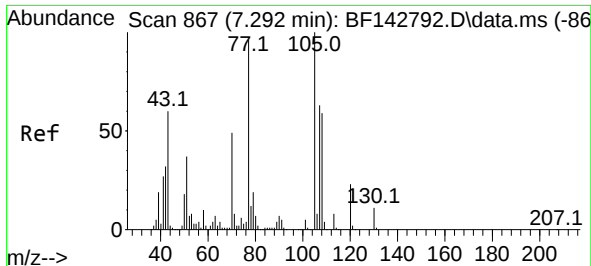
Tgt Ion:	107	Resp:	154746
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.9	136.3
77	45.7	37.3	55.9
79	45.5	37.2	55.8



#18
Hexachloroethane
Concen: 42.589 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:	117	Resp:	80788
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.4	113.0
201	97.7	75.9	113.9



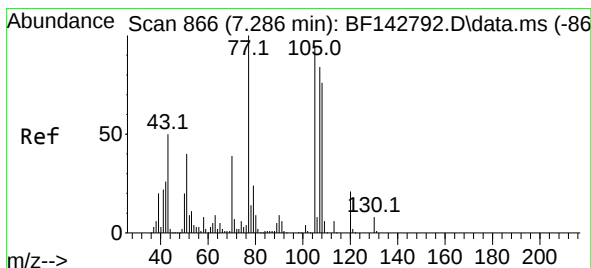
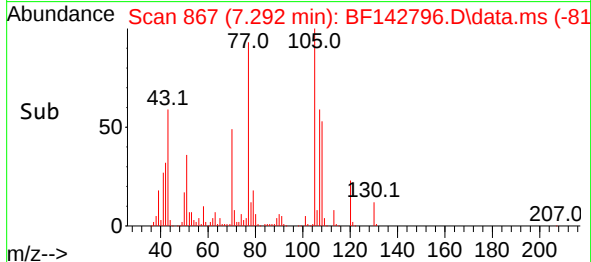
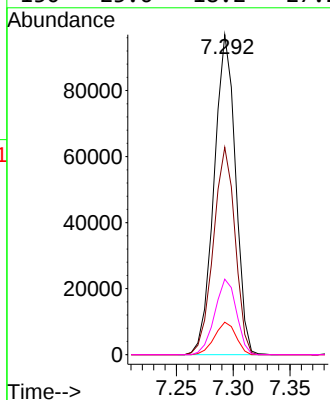
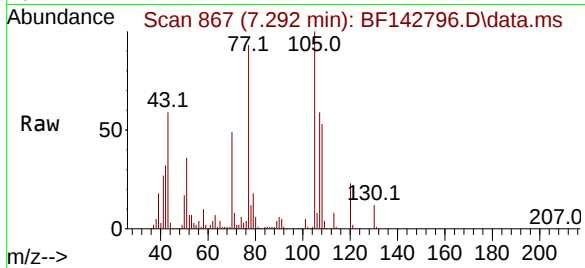


#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion: 70 Resp: 127308

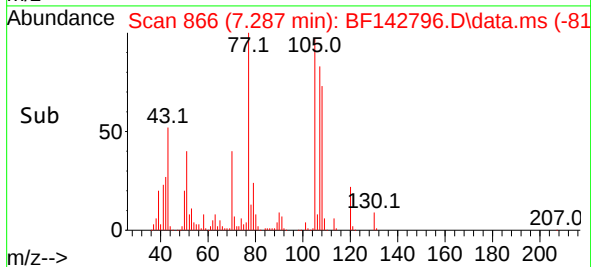
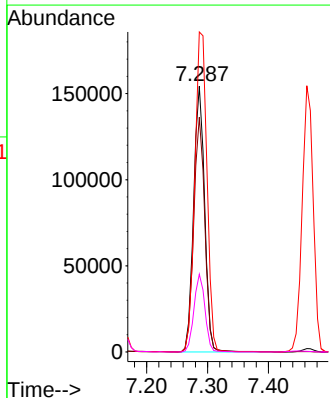
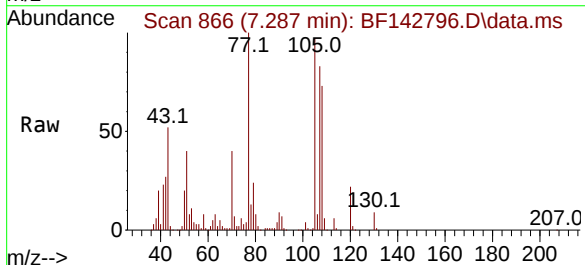
Ion	Ratio	Lower	Upper
70	100		
42	64.8	52.1	78.1
101	10.1	8.2	12.2
130	23.6	18.2	27.2

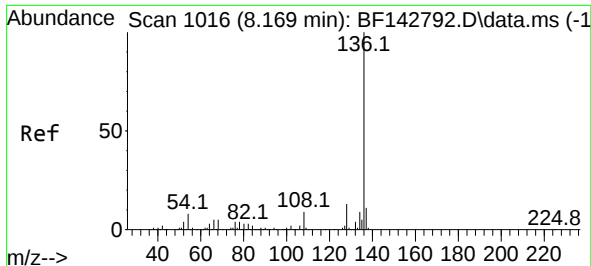


#20
3+4-Methylphenols
Concen: 42.904 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 107 Resp: 194841

Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.0	110.0
77	120.4	98.5	138.5
79	29.3	8.8	48.8



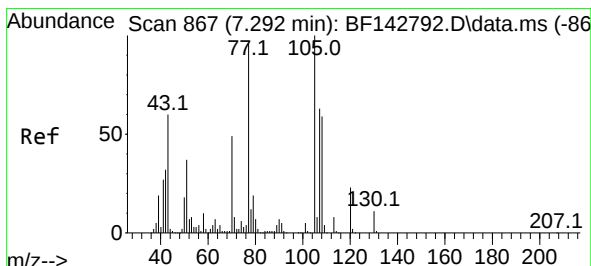
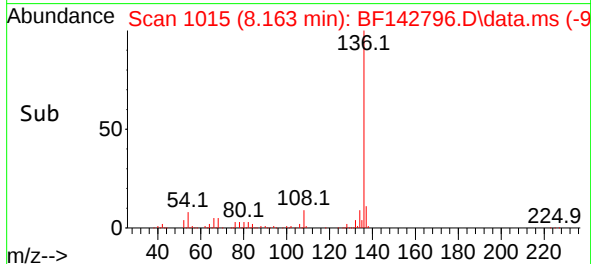
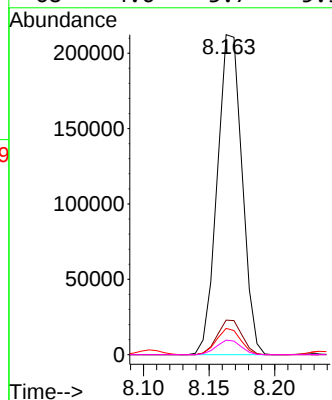
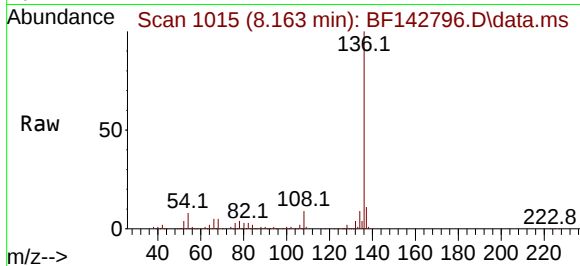


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:136 Resp: 279139

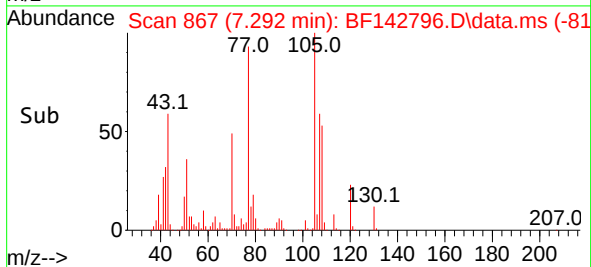
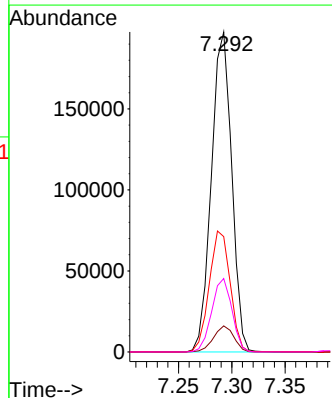
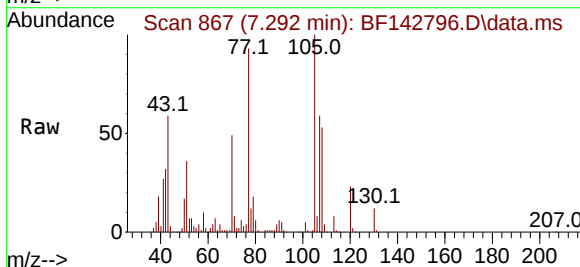
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.2	6.3	9.5
68	4.6	3.7	5.5

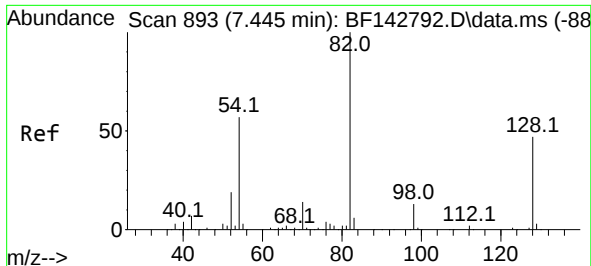


#22
Acetophenone
Concen: 42.478 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:105 Resp: 261474

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.5	9.7
51	36.0	29.8	44.8
120	22.9	18.2	27.2





#23

Nitrobenzene-d5

Concen: 73.334 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

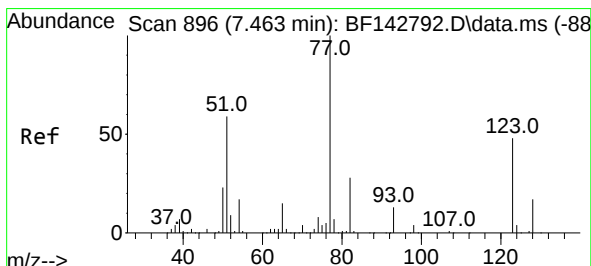
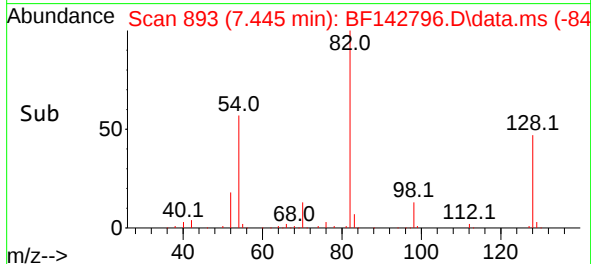
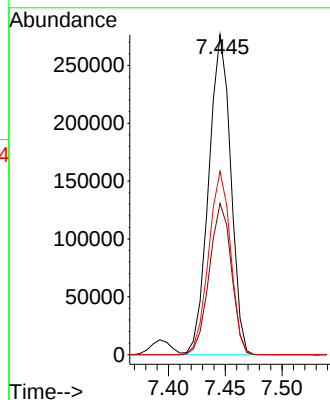
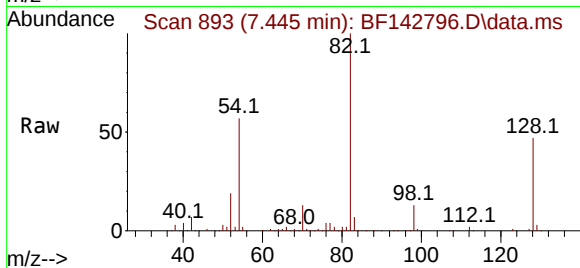
Tgt Ion: 82 Resp: 373199

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 57.3 45.7 68.5



#24

Nitrobenzene

Concen: 41.968 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

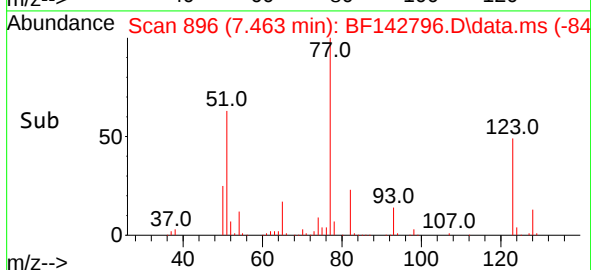
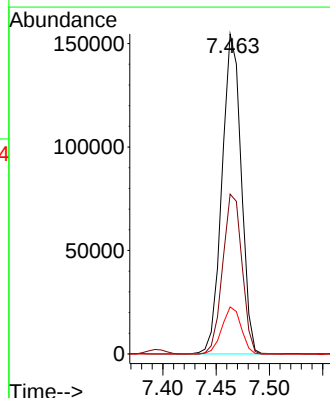
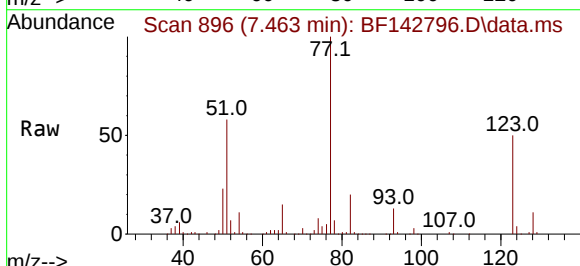
Tgt Ion: 77 Resp: 193310

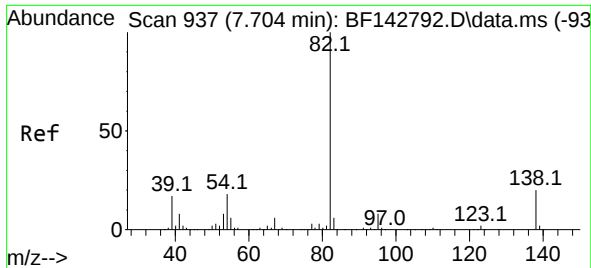
Ion Ratio Lower Upper

77 100

123 50.0 39.2 58.8

65 14.7 11.6 17.4

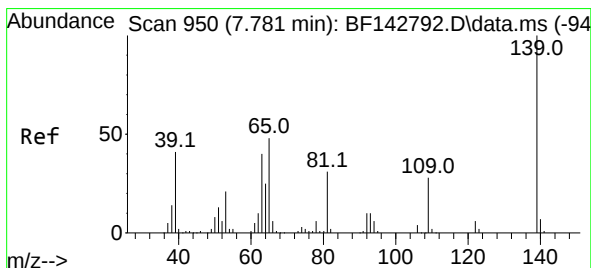
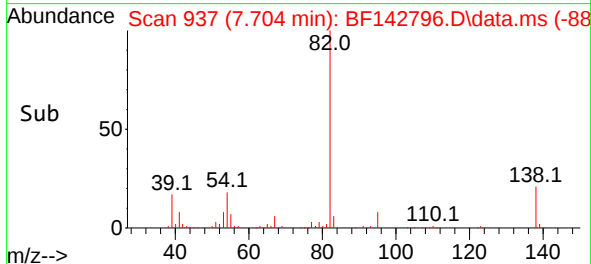
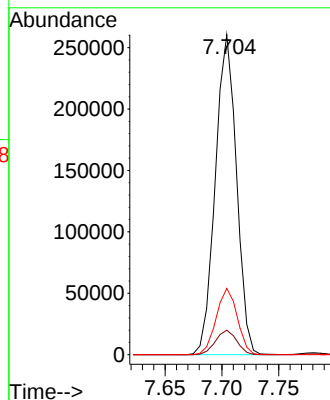
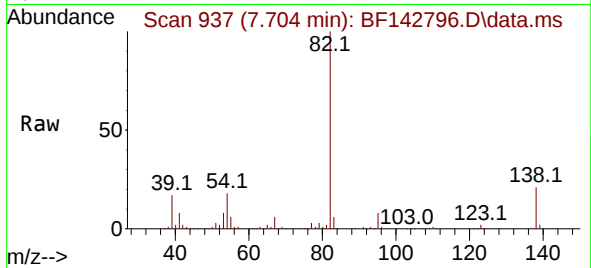




#25
Isophorone
Concen: 41.403 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

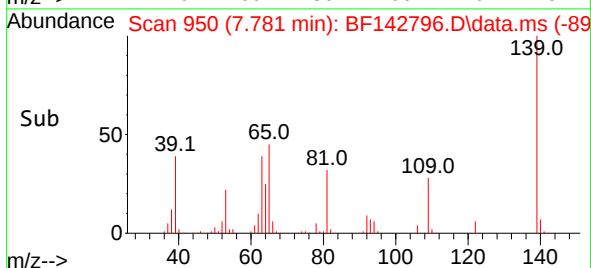
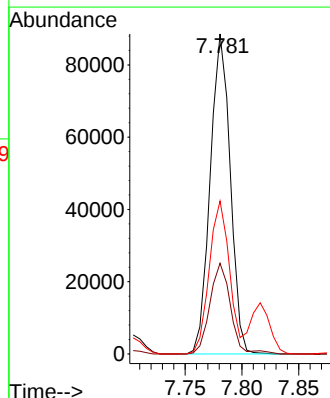
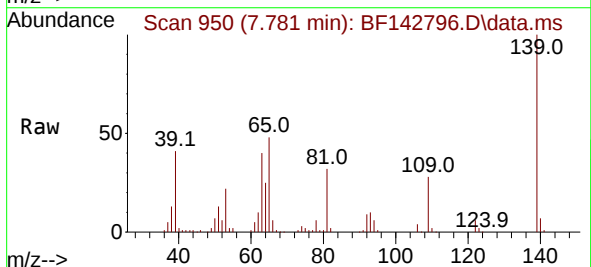
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

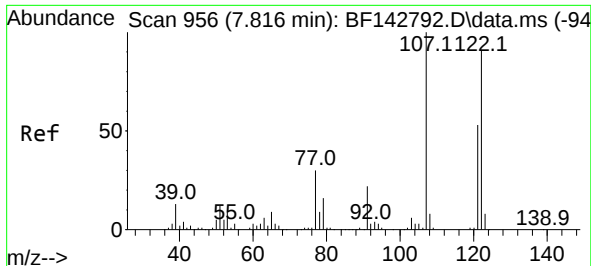
Tgt Ion: 82 Resp: 338001
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 20.7 16.2 24.4



#26
2-Nitrophenol
Concen: 43.224 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:139 Resp: 108455
Ion Ratio Lower Upper
139 100
109 28.4 22.7 34.1
65 47.8 38.6 58.0

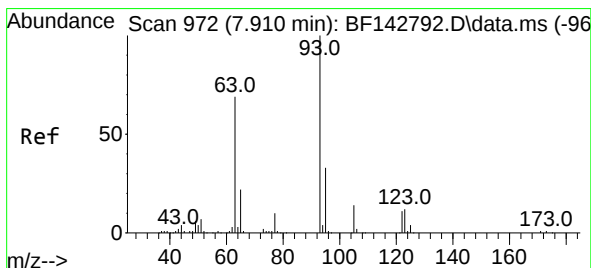
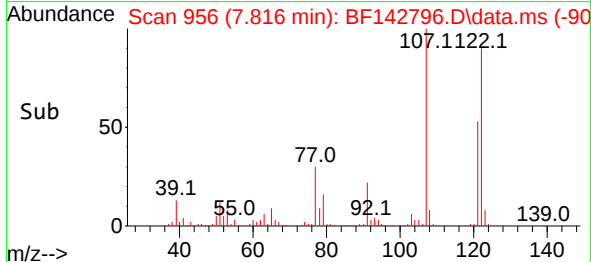
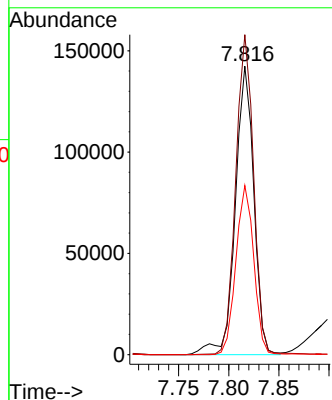
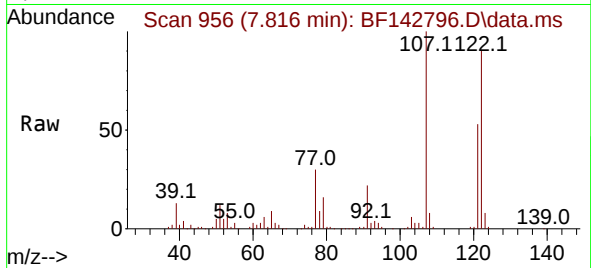




#27
2,4-Dimethylphenol
Concen: 42.168 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

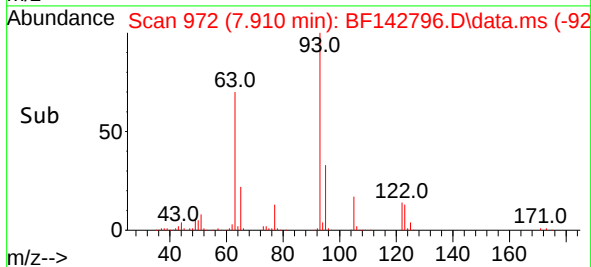
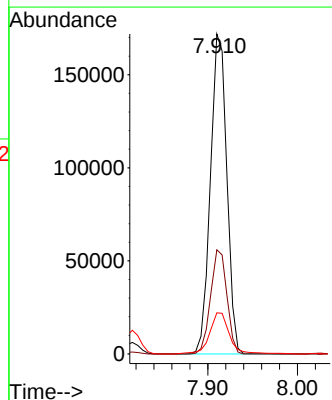
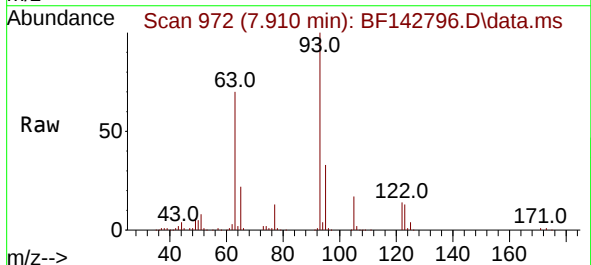
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

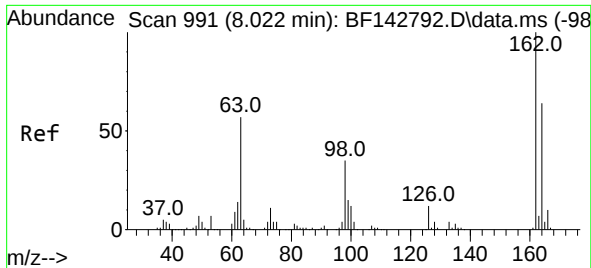
Tgt Ion:122 Resp: 183273
Ion Ratio Lower Upper
122 100
107 110.9 88.0 132.0
121 58.6 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.960 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 93 Resp: 217774
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 12.9 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.196 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

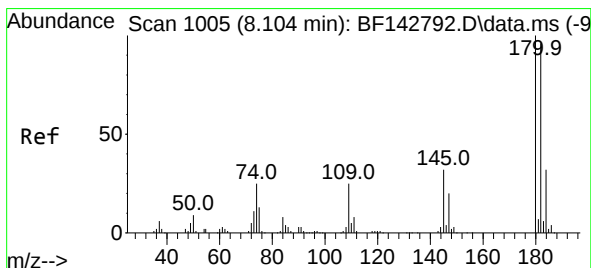
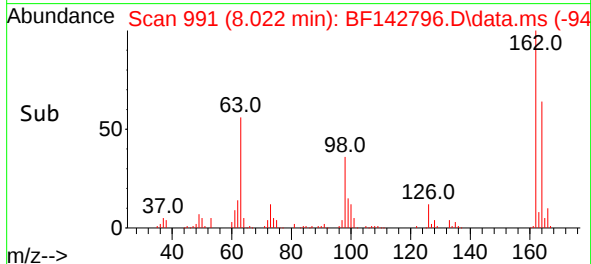
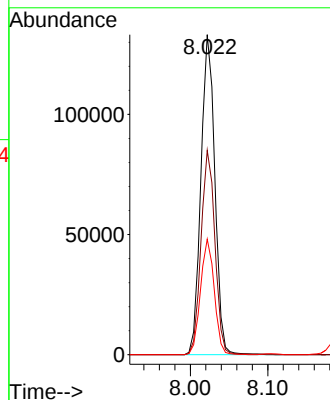
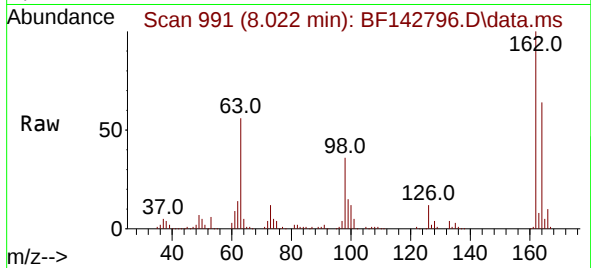
Tgt Ion:162 Resp: 166286

Ion Ratio Lower Upper

162 100

164 63.8 44.0 84.0

98 36.1 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 42.177 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

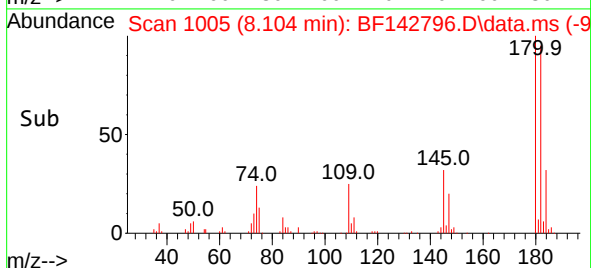
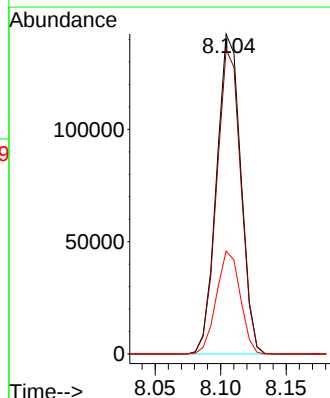
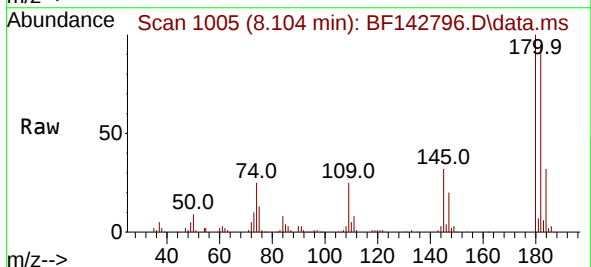
Tgt Ion:180 Resp: 182768

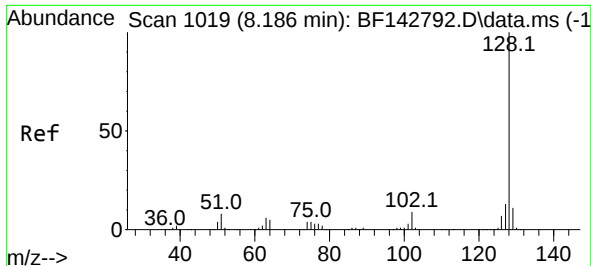
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

145 32.1 25.8 38.8

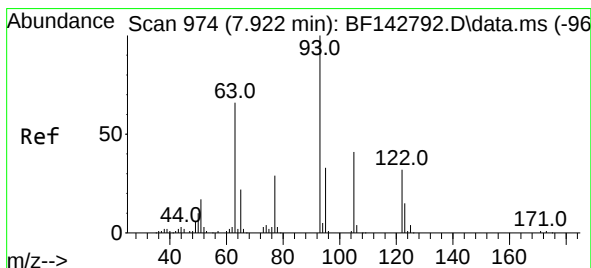
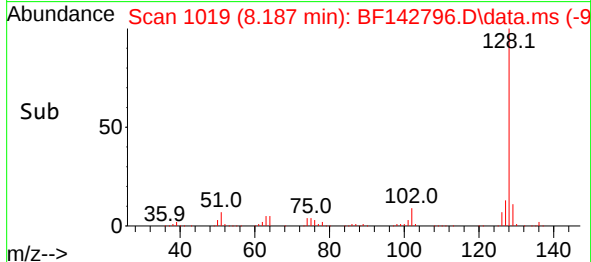
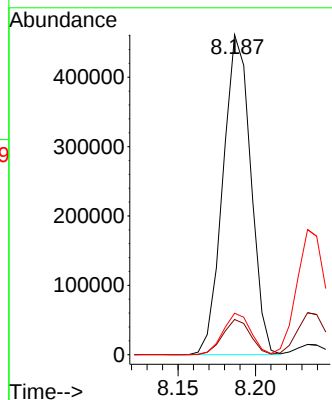
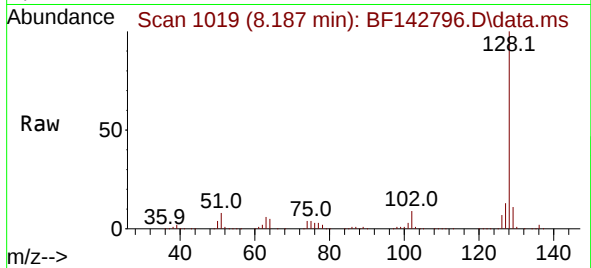




#31
Naphthalene
Concen: 42.218 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

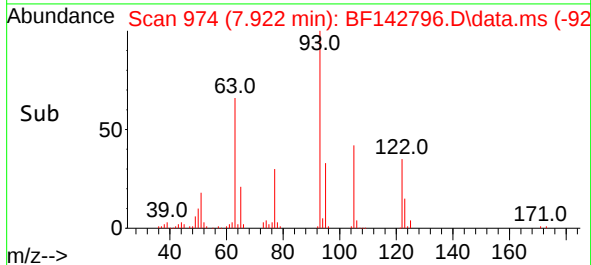
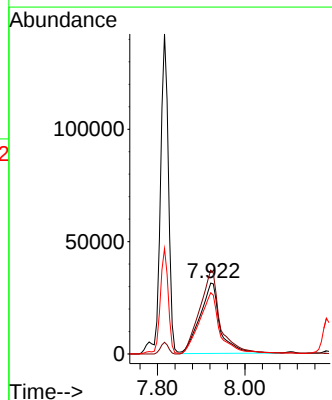
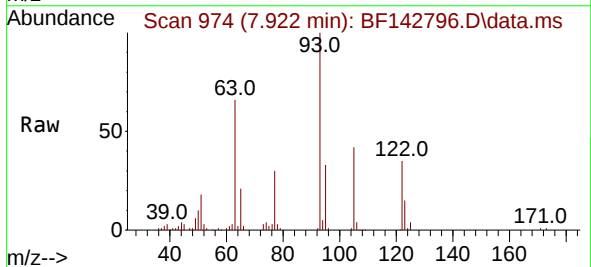
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

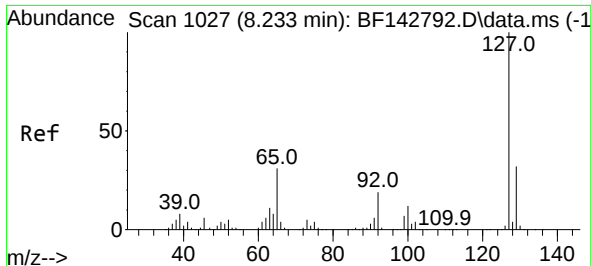
Tgt Ion:128 Resp: 576847
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 45.685 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:122 Resp: 101203
Ion Ratio Lower Upper
122 100
105 118.1 104.7 144.7
77 86.4 70.2 110.2

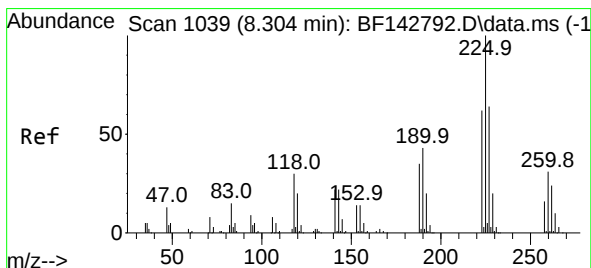
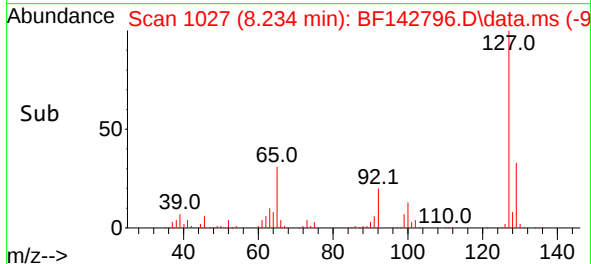
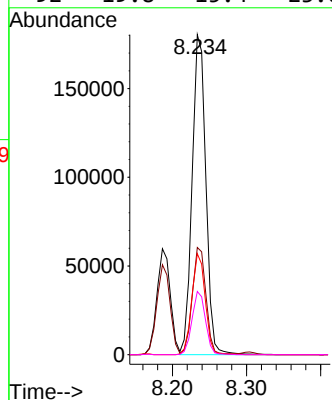
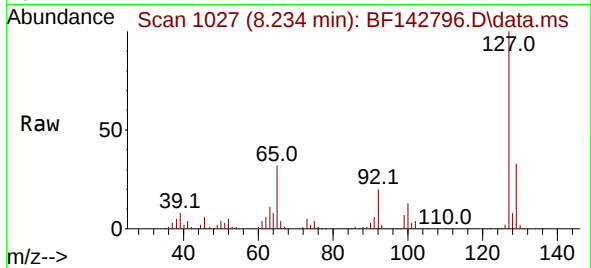




#33
4-Chloroaniline
Concen: 41.766 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

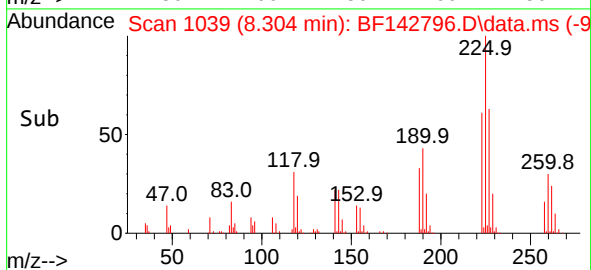
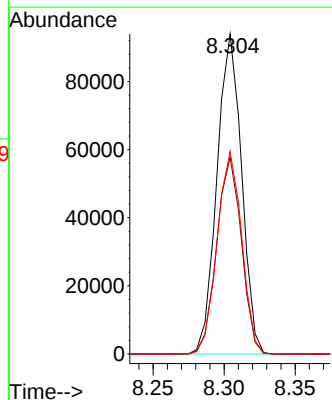
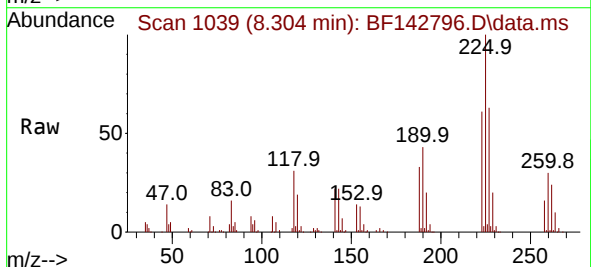
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

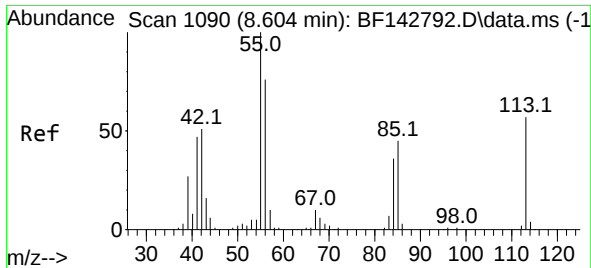
Tgt Ion:	127	Resp:	232045
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.6	24.6	36.8
92	19.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.657 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:	225	Resp:	113068
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.9	74.9
227	63.3	51.4	77.0

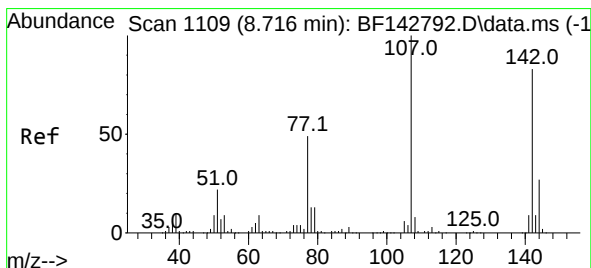
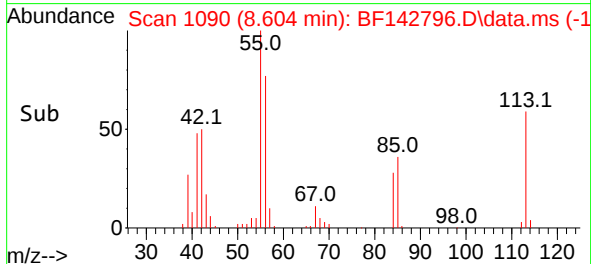
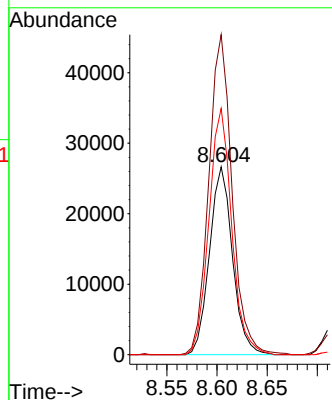
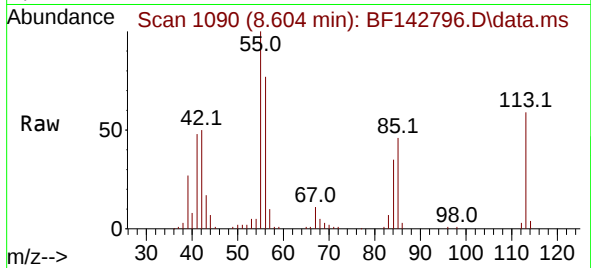




#35
 Caprolactam
 Concen: 40.928 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

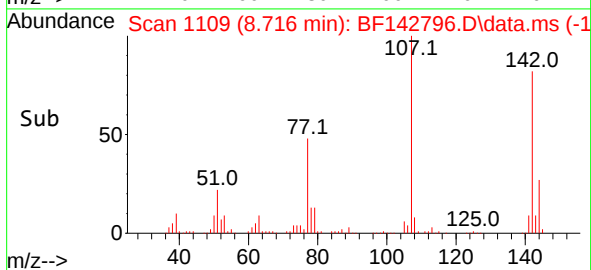
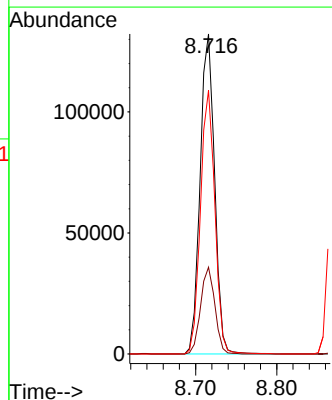
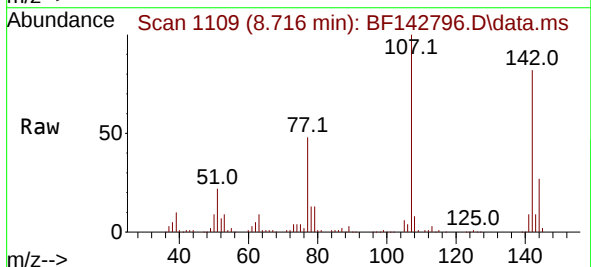
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

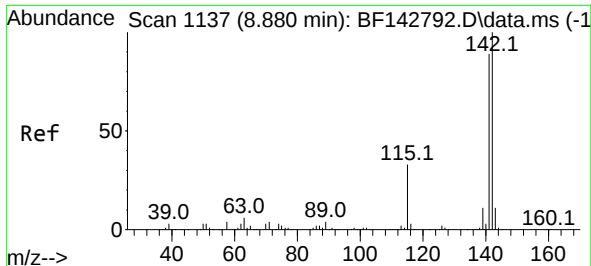
Tgt Ion:113 Resp: 42561
 Ion Ratio Lower Upper
 113 100
 55 170.4 154.4 194.4
 56 131.1 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.890 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Tgt Ion:107 Resp: 164064
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.3 31.9
 142 82.4 66.6 100.0





#37

2-Methylnaphthalene

Concen: 41.730 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

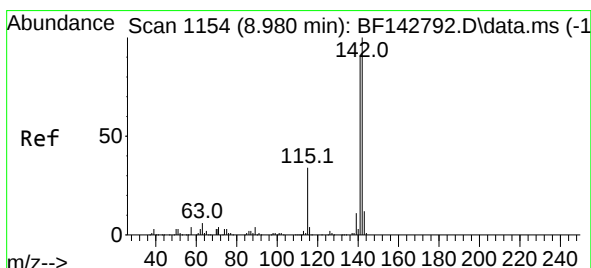
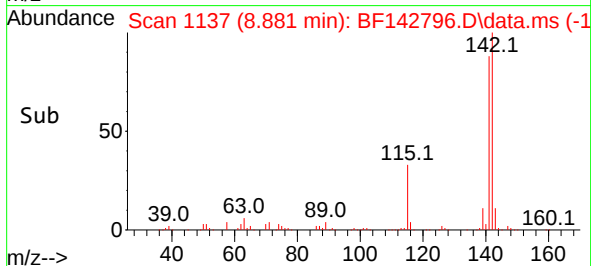
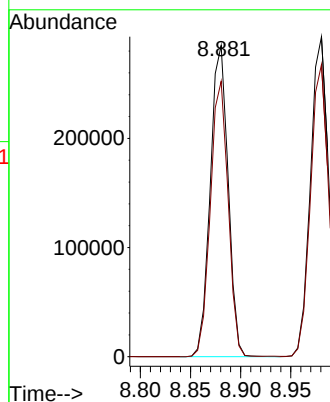
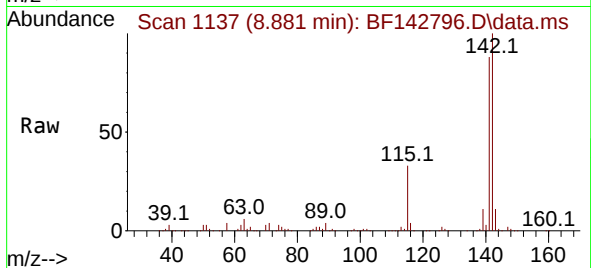
ICVBF061925

Tgt Ion:142 Resp: 353484

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3



#38

1-Methylnaphthalene

Concen: 41.554 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF142796.D

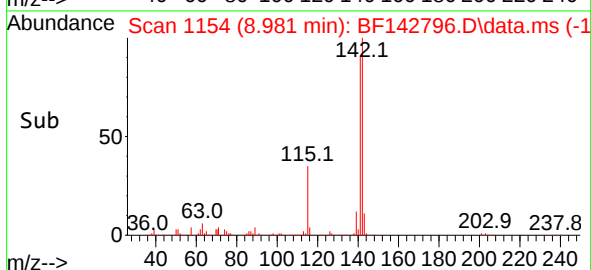
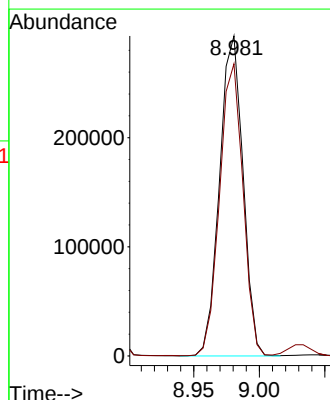
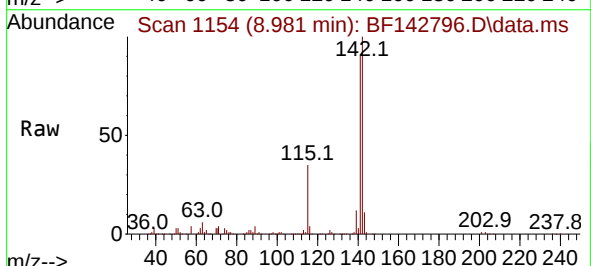
Acq: 19 Jun 2025 21:10

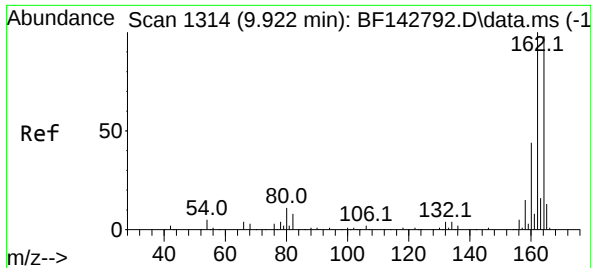
Tgt Ion:142 Resp: 364378

Ion Ratio Lower Upper

142 100

141 91.3 73.0 109.4

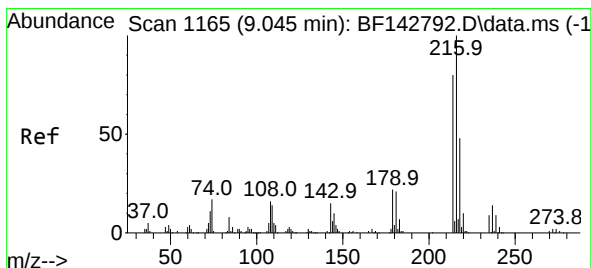
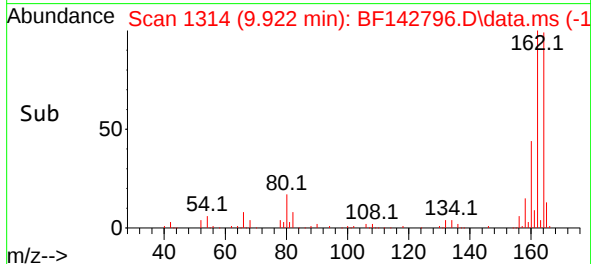
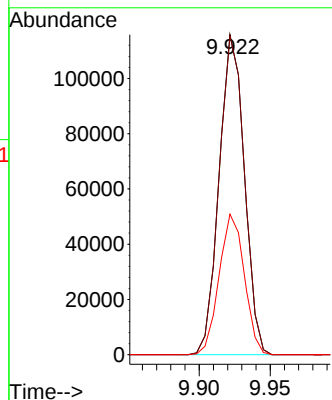
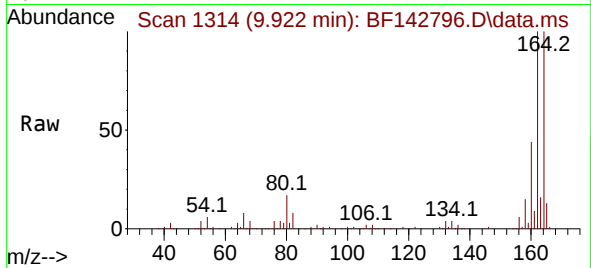




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

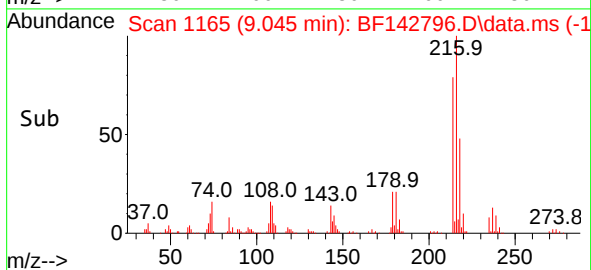
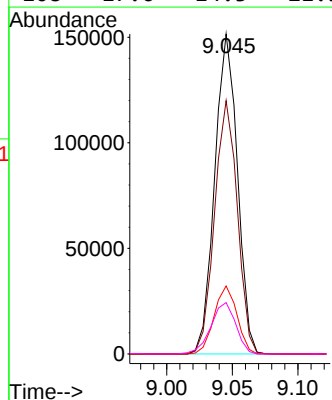
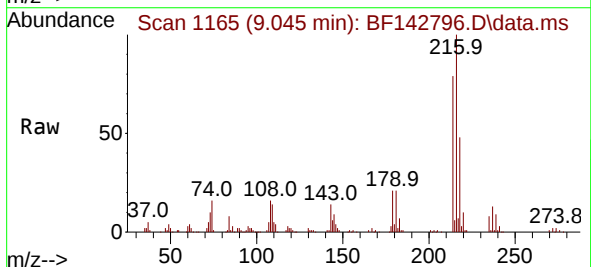
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

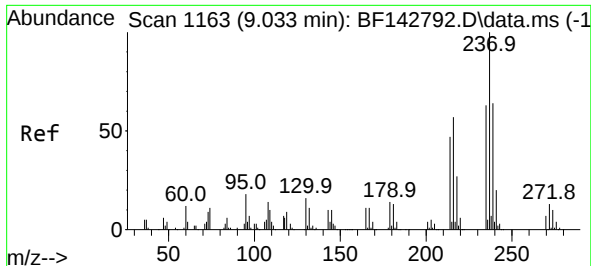
Tgt Ion:164 Resp: 142968
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.8
160 43.9 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.233 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:216 Resp: 182379
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.3 17.6 26.4
108 17.6 14.3 21.5

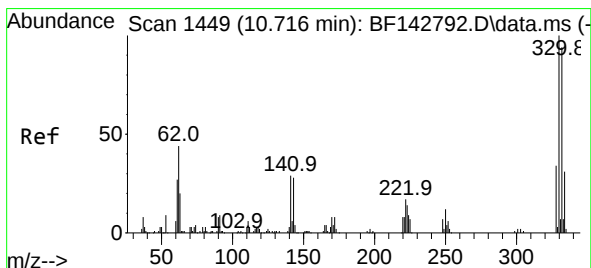
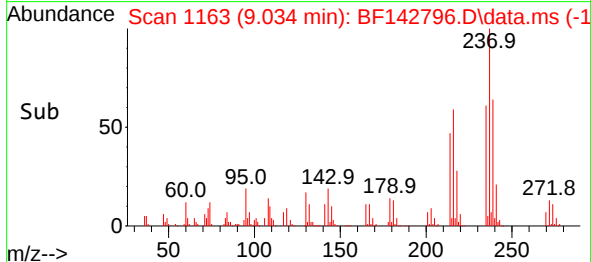
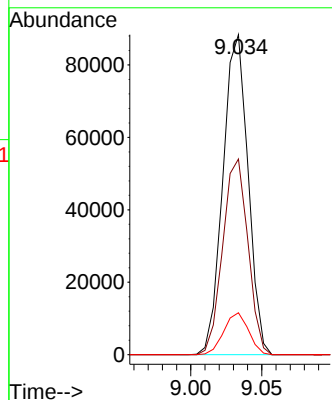
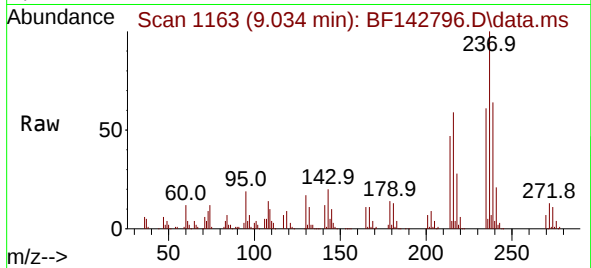




#41
Hexachlorocyclopentadiene
Concen: 45.361 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

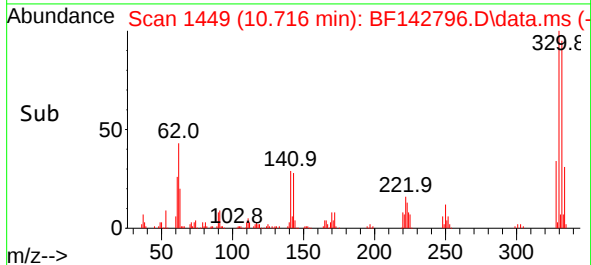
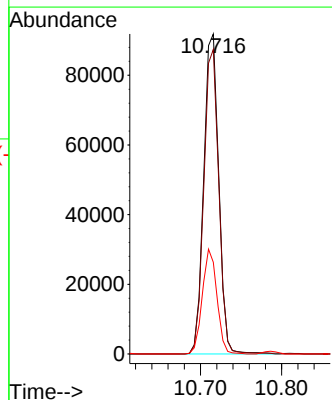
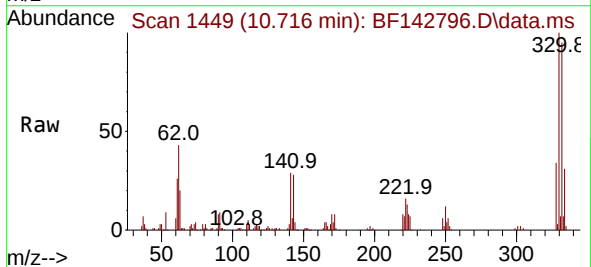
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

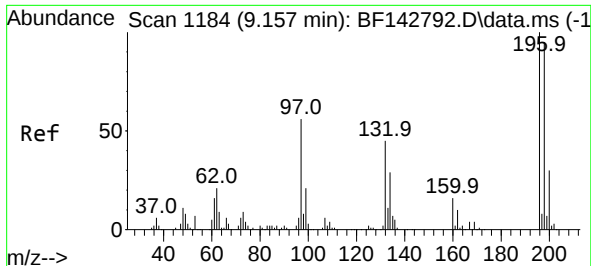
Tgt Ion:237 Resp: 108592
Ion Ratio Lower Upper
237 100
235 61.2 43.4 83.4
272 13.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 80.065 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:330 Resp: 117795
Ion Ratio Lower Upper
330 100
332 94.8 75.0 112.6
141 31.9 25.3 37.9

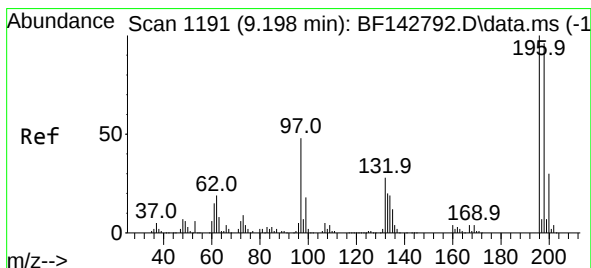
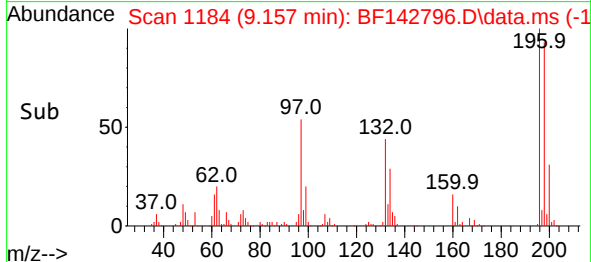
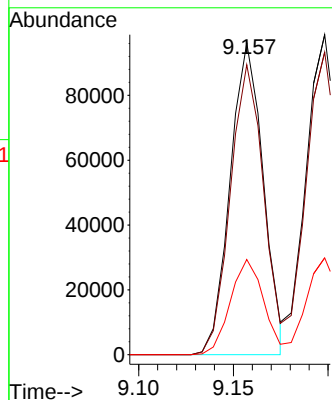
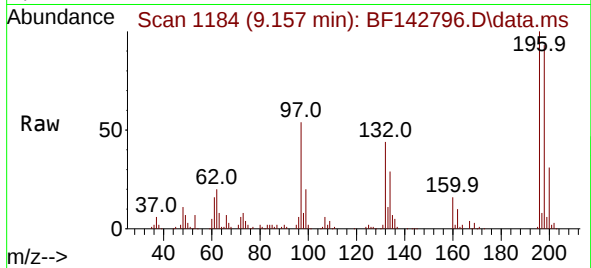




#43
2,4,6-Trichlorophenol
Concen: 42.543 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

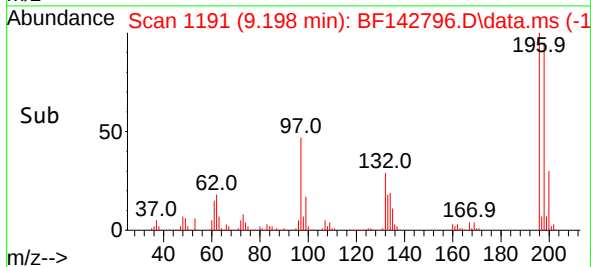
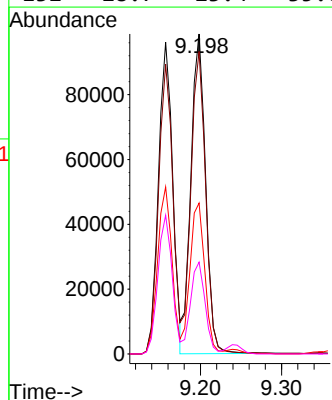
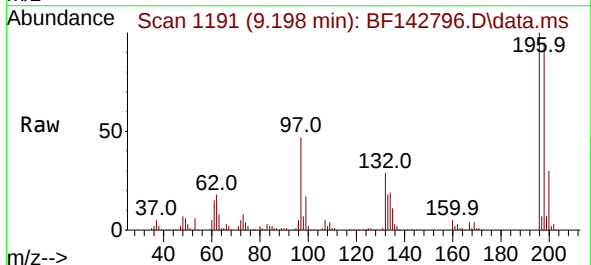
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

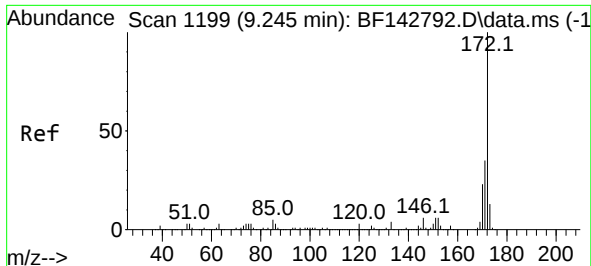
Tgt Ion:196 Resp: 116946
Ion Ratio Lower Upper
196 100
198 93.0 76.2 114.2
200 30.5 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 43.045 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:196 Resp: 124558
Ion Ratio Lower Upper
196 100
198 94.5 76.6 115.0
97 47.1 38.2 57.2
132 28.7 23.4 35.0

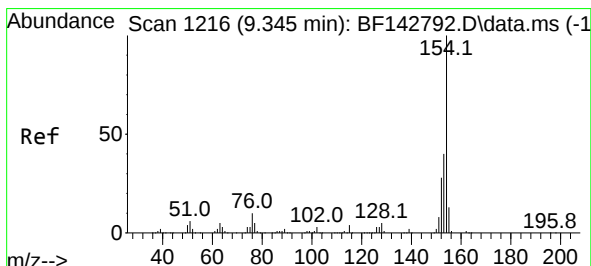
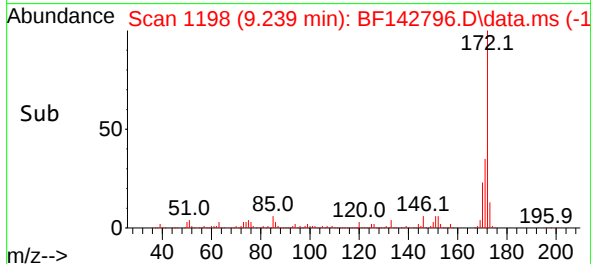
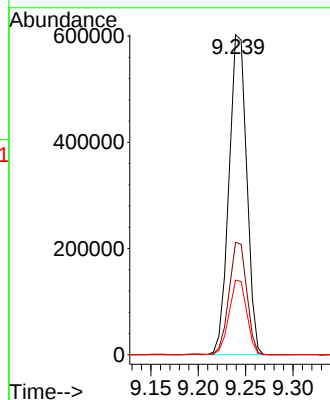
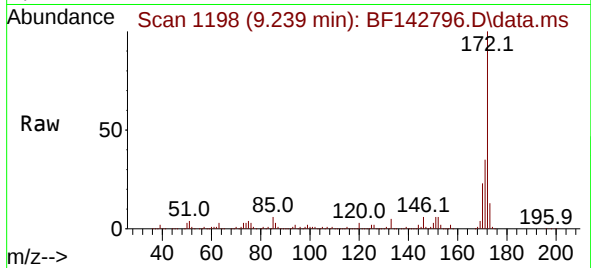




#45
2-Fluorobiphenyl
Concen: 72.171 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

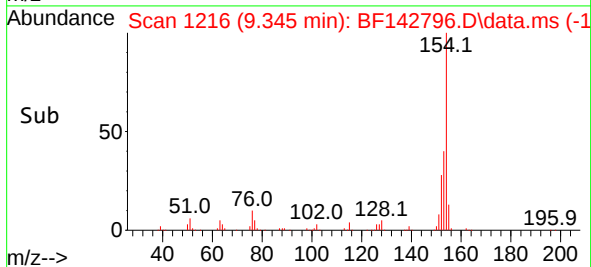
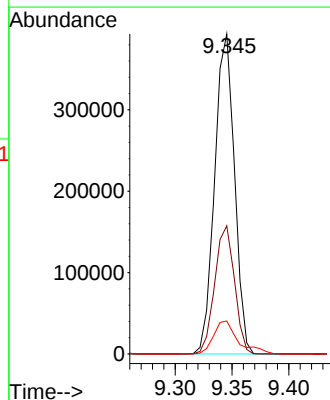
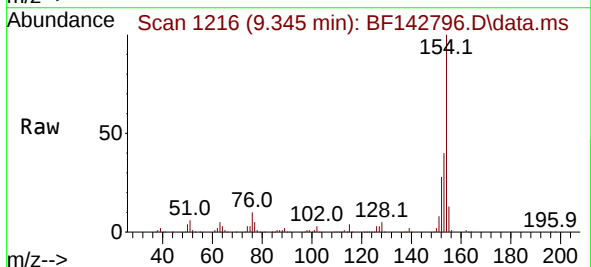
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

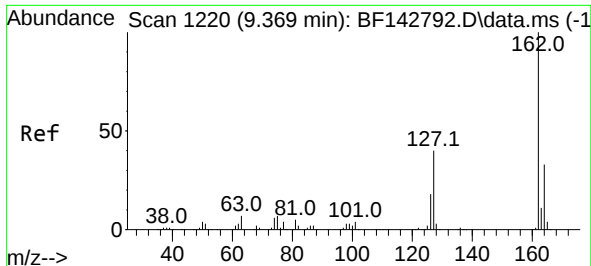
Tgt Ion:172 Resp: 785440
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 42.159 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

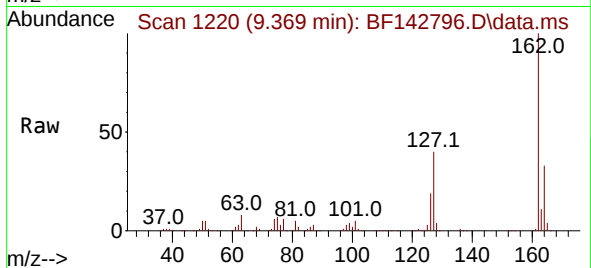
Tgt Ion:154 Resp: 476133
Ion Ratio Lower Upper
154 100
153 40.0 20.3 60.3
76 10.3 0.0 30.3





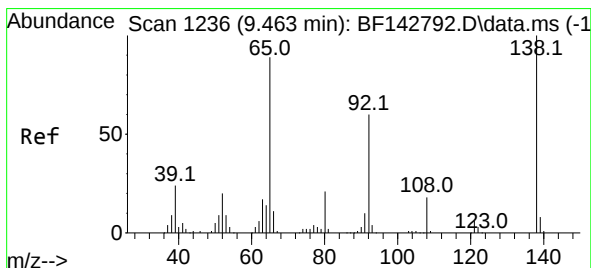
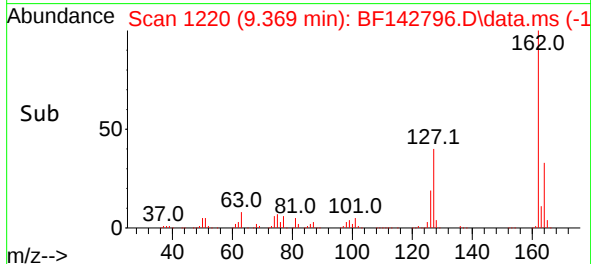
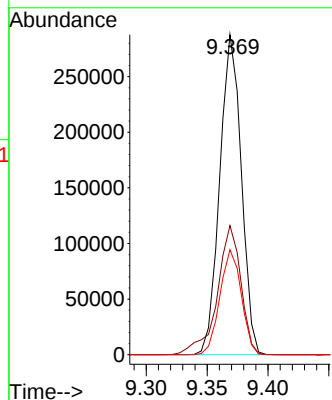
#47
2-Chloronaphthalene
Concen: 41.817 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925



Tgt Ion:162 Resp: 354405

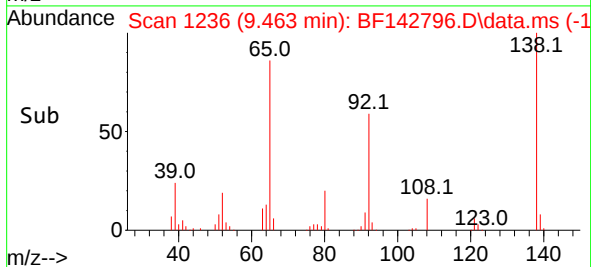
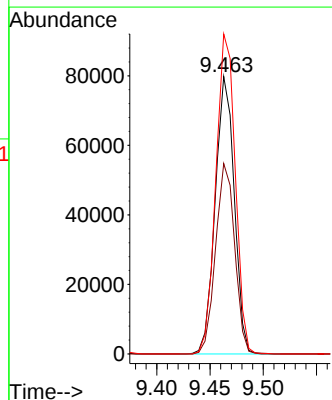
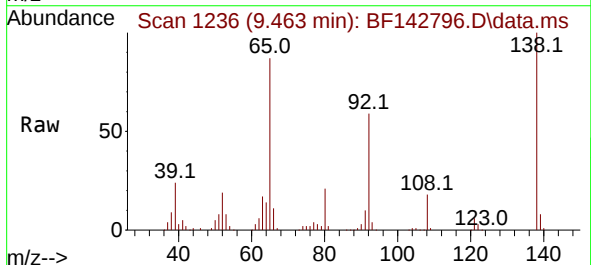
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.2	48.2
164	32.8	26.1	39.1

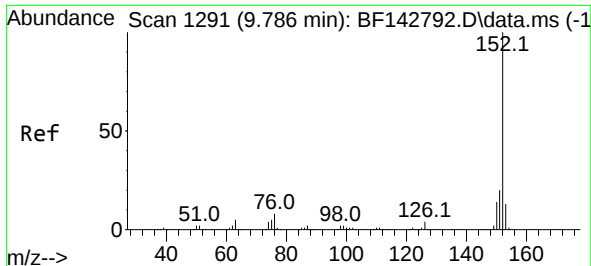


#48
2-Nitroaniline
Concen: 41.724 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion: 65 Resp: 99137

Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.8	80.6
138	115.4	89.6	134.4





#49

Acenaphthylene

Concen: 41.586 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

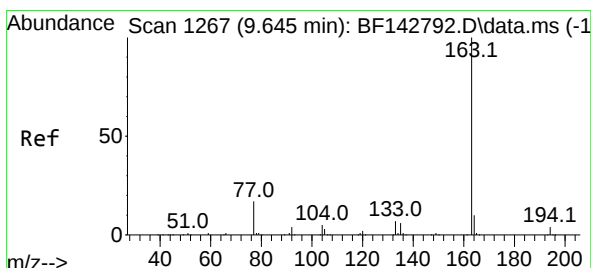
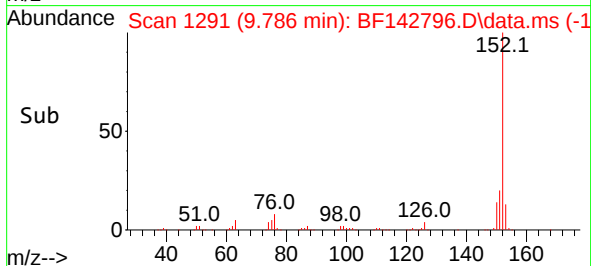
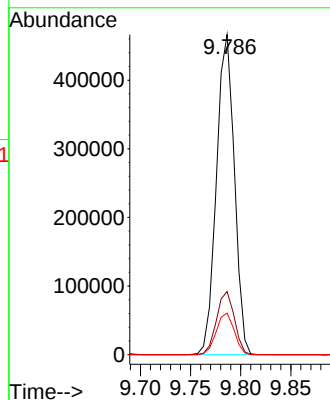
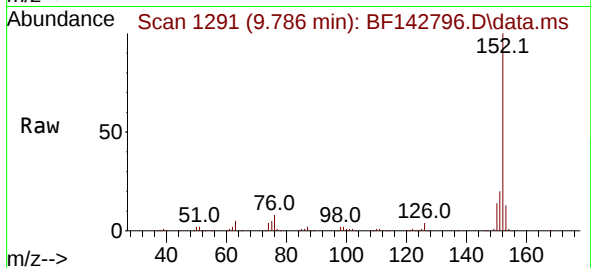
Tgt Ion:152 Resp: 580204

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.232 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

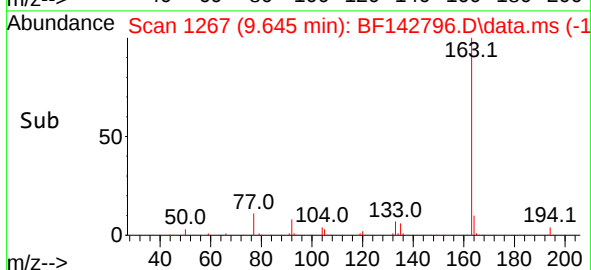
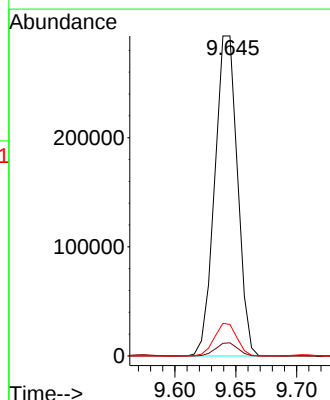
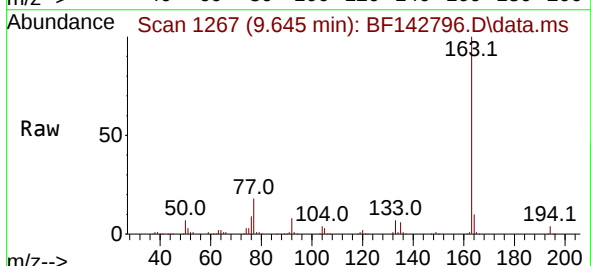
Tgt Ion:163 Resp: 381573

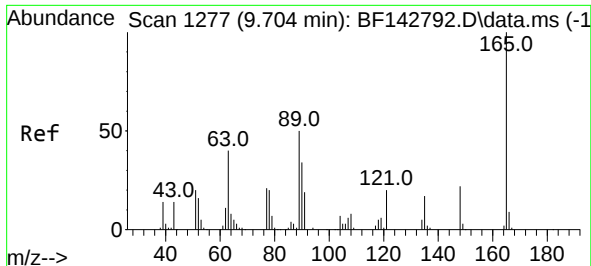
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.9 8.0 12.0

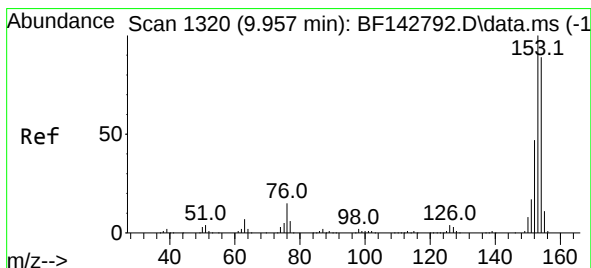
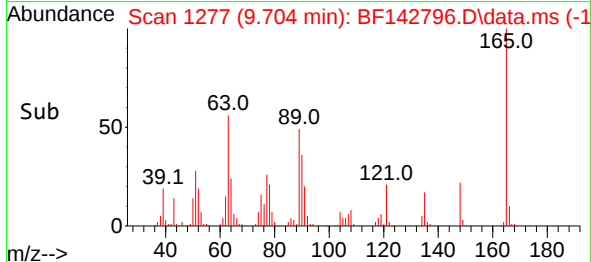
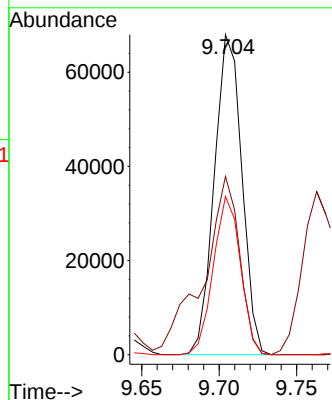
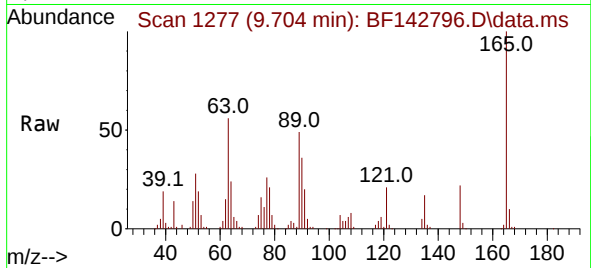




#51
2,6-Dinitrotoluene
Concen: 41.386 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

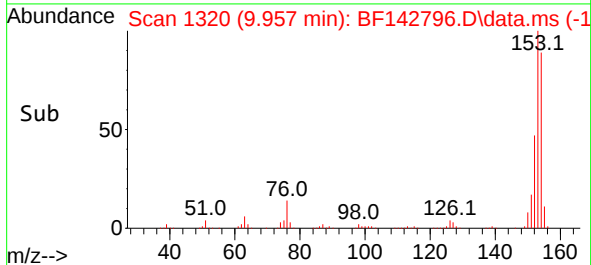
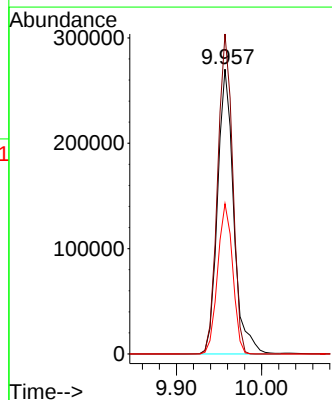
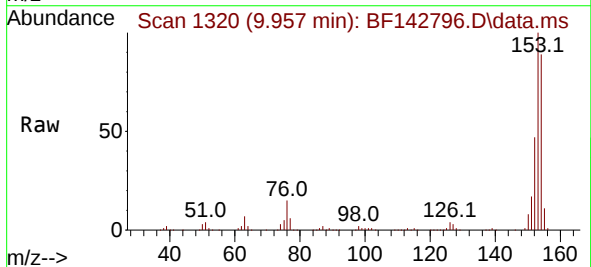
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

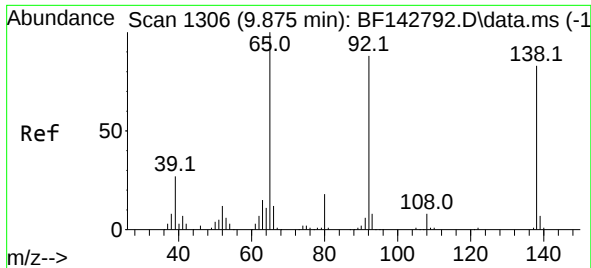
Tgt Ion:165 Resp: 84111
Ion Ratio Lower Upper
165 100
63 55.7 44.2 66.4
89 49.5 39.8 59.8



#52
Acenaphthene
Concen: 41.825 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:154 Resp: 356031
Ion Ratio Lower Upper
154 100
153 112.4 90.0 135.0
152 52.8 41.9 62.9

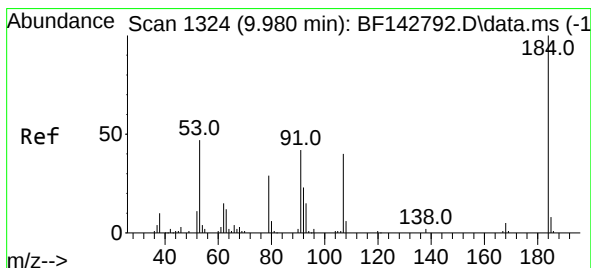
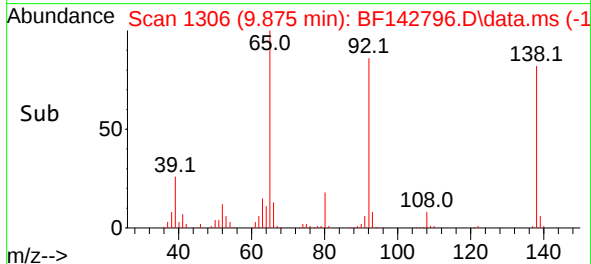
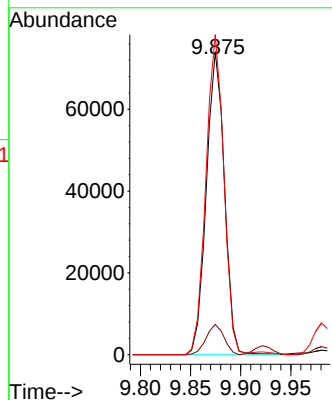
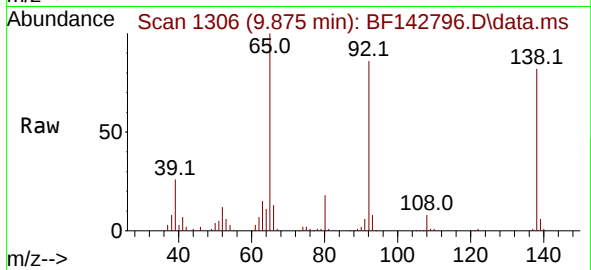




#53
3-Nitroaniline
Concen: 41.512 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

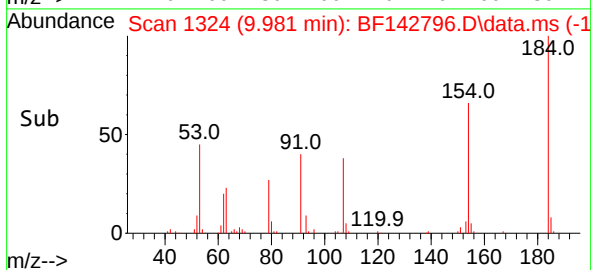
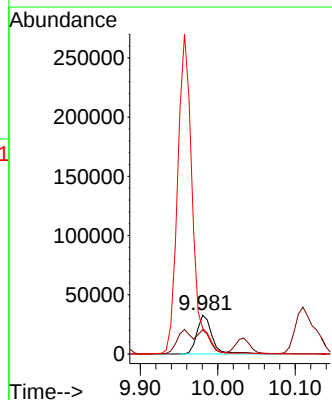
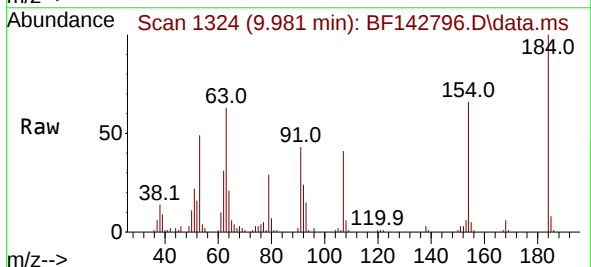
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

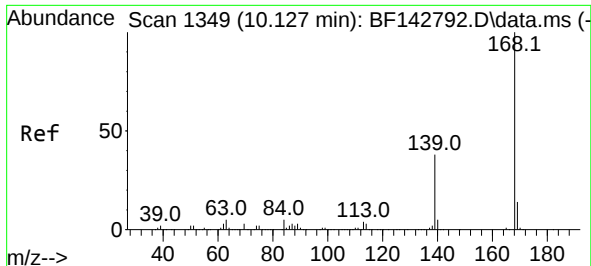
Tgt Ion:138 Resp: 92889
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 105.6 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 43.742 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

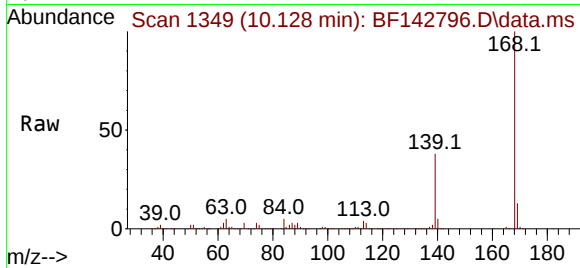
Tgt Ion:184 Resp: 44513
Ion Ratio Lower Upper
184 100
63 62.8 50.6 75.8
154 66.3 51.8 77.8



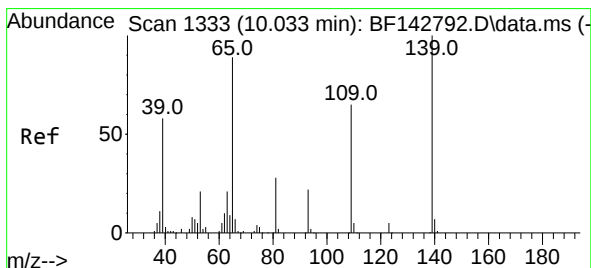
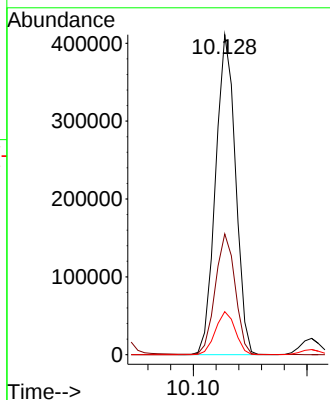
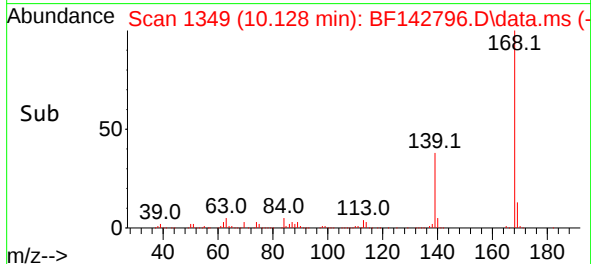


#55
Dibenzofuran
Concen: 41.150 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

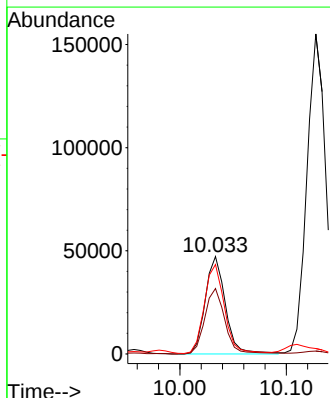
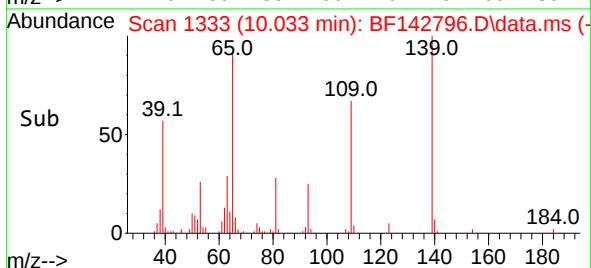
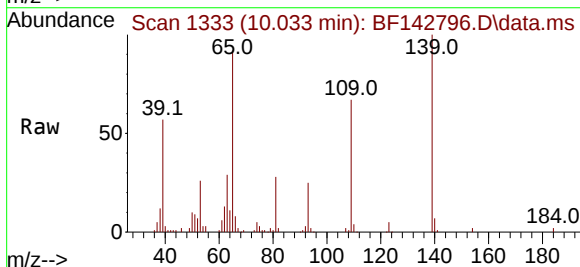


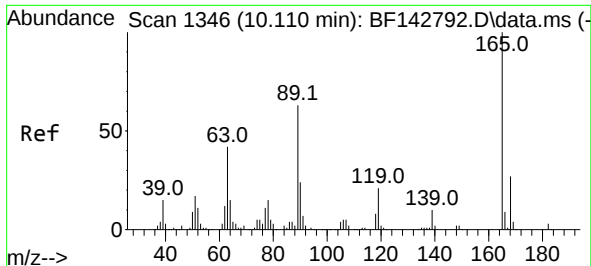
Tgt Ion:168 Resp: 502290
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 40.556 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:139 Resp: 62127
Ion Ratio Lower Upper
139 100
109 67.2 44.7 84.7
65 91.8 69.8 109.8

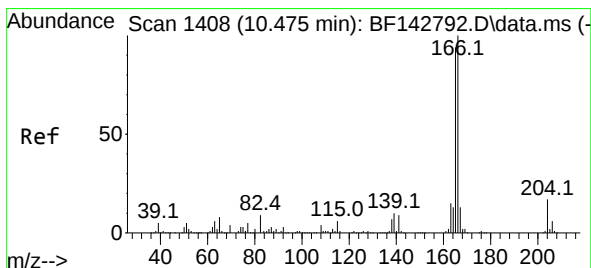
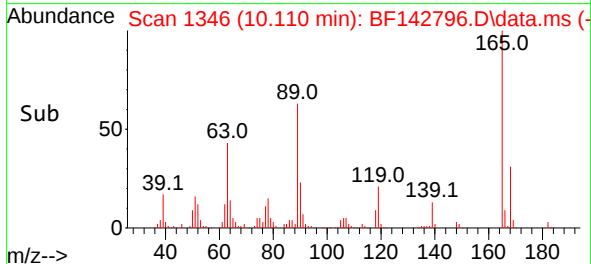
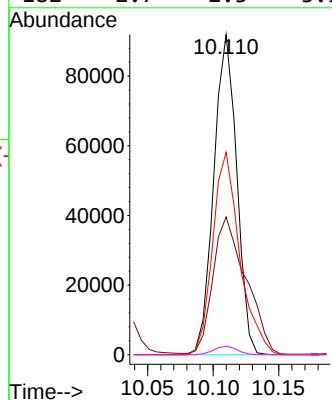
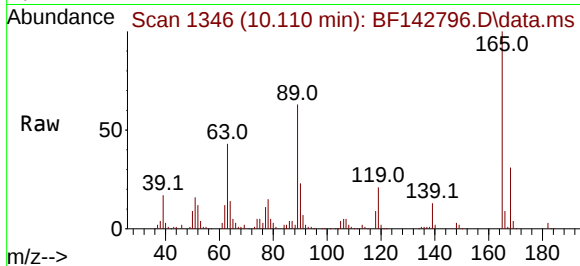




#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

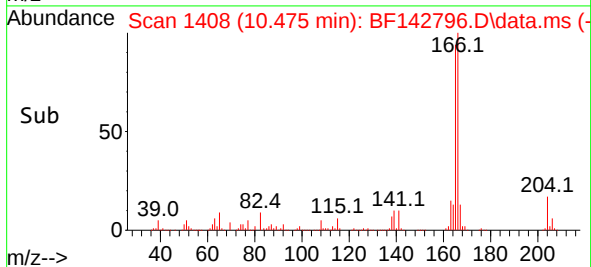
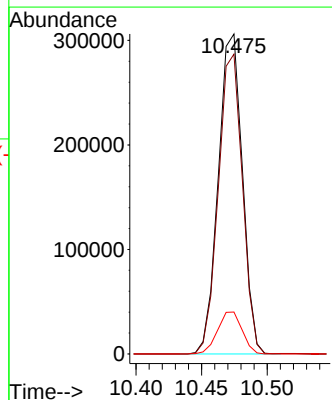
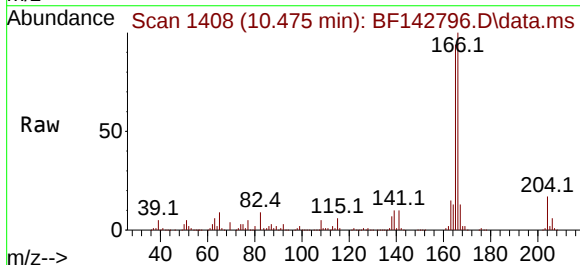
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

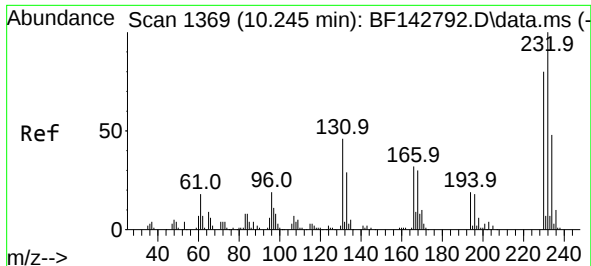
Tgt Ion:165 Resp: 111649
Ion Ratio Lower Upper
165 100
63 43.0 33.9 50.9
89 63.3 50.6 75.8
182 2.7 2.3 3.5



#58
Fluorene
Concen: 41.052 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:166 Resp: 391356
Ion Ratio Lower Upper
166 100
165 93.7 75.2 112.8
167 13.1 10.6 15.8

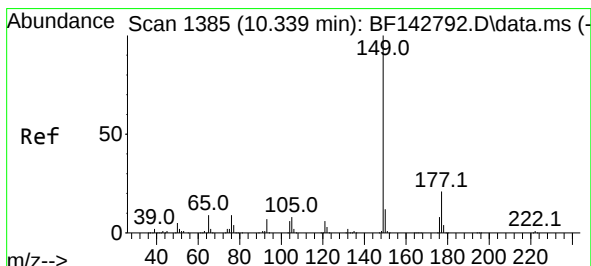
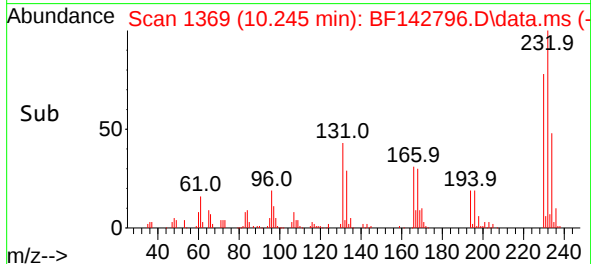
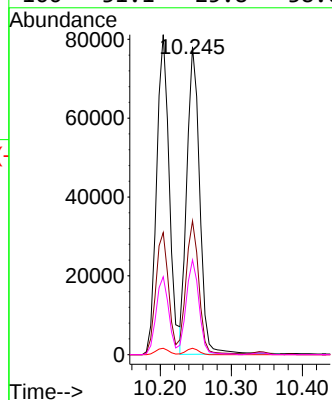
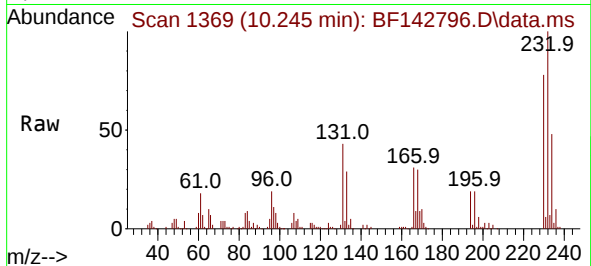




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.857 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

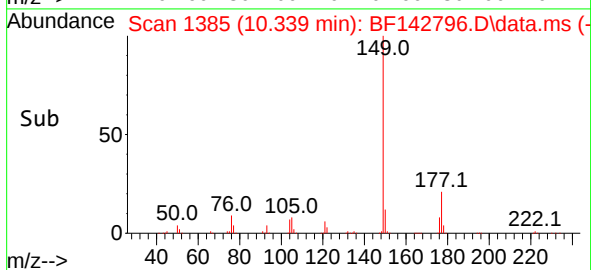
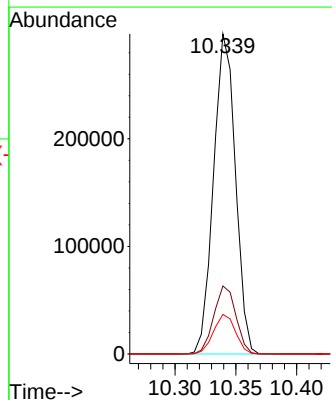
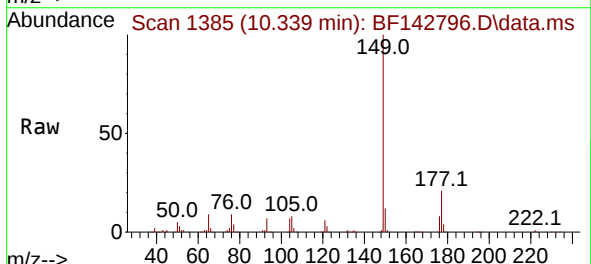
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

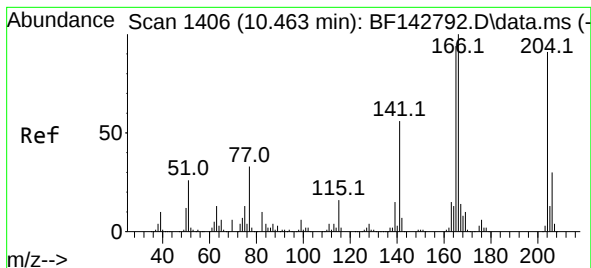
Tgt Ion:232 Resp: 97630
Ion Ratio Lower Upper
232 100
131 44.4 37.6 56.4
130 2.1 1.7 2.5
166 31.1 25.8 38.6



#60
Diethylphthalate
Concen: 40.937 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 371453
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

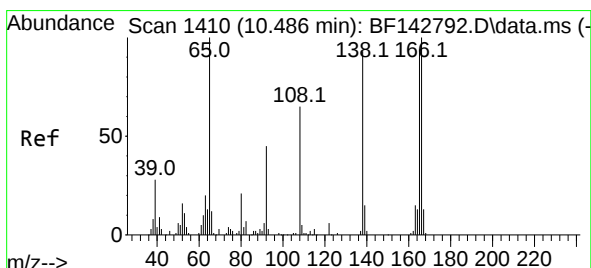
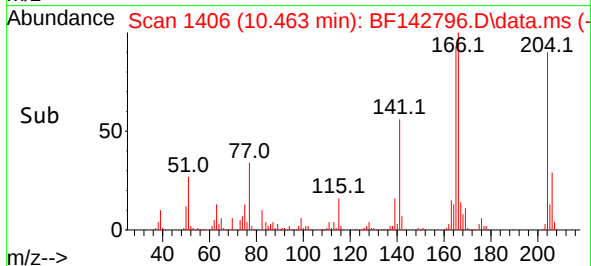
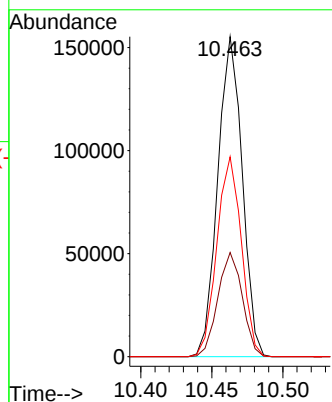
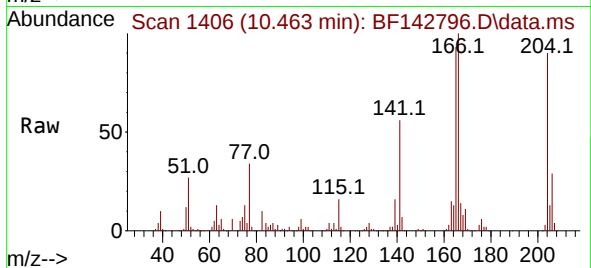




#61
4-Chlorophenyl-phenylether
Concen: 40.862 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

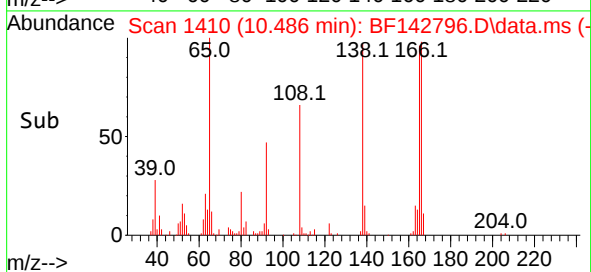
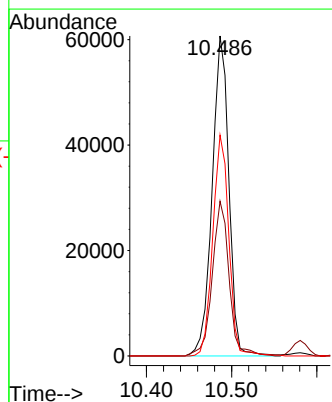
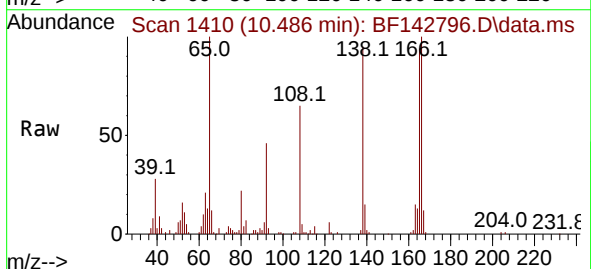
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

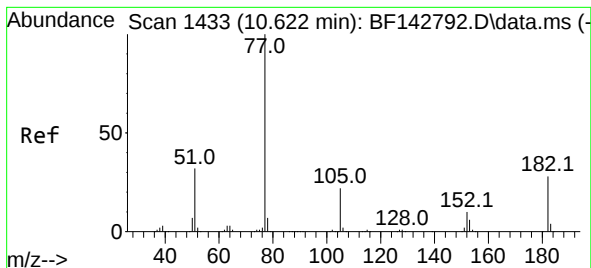
Tgt Ion:204 Resp: 185884
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.5 49.1 73.7



#62
4-Nitroaniline
Concen: 40.628 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:138 Resp: 83143
Ion Ratio Lower Upper
138 100
92 48.4 28.4 68.4
108 69.0 50.2 90.2





#63

Azobenzene

Concen: 41.025 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

Tgt Ion: 77 Resp: 332701

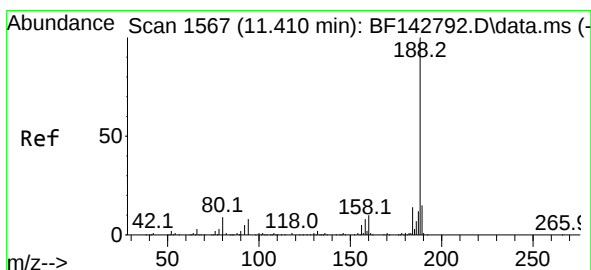
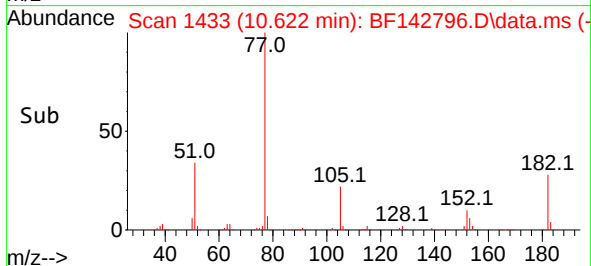
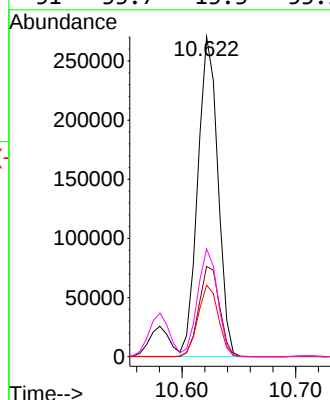
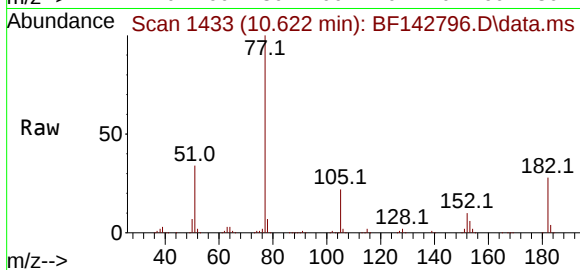
Ion Ratio Lower Upper

77 100

182 28.2 7.7 47.7

105 22.4 1.9 41.9

51 33.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

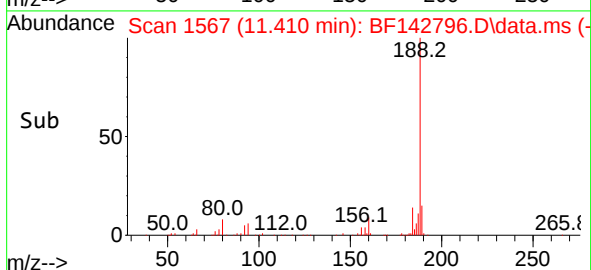
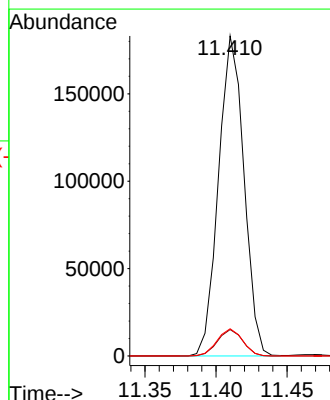
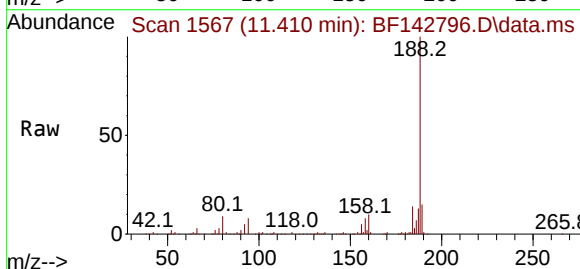
Tgt Ion: 188 Resp: 228099

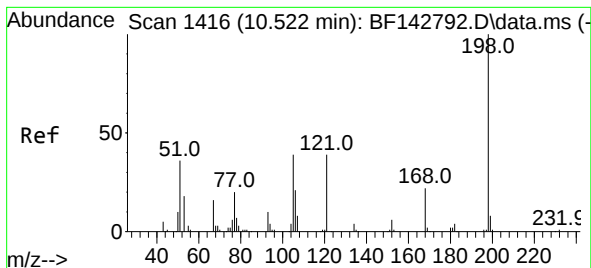
Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.5 6.9 10.3

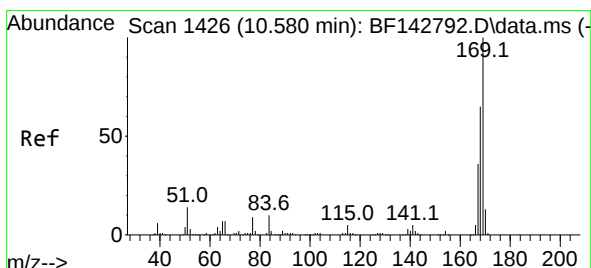
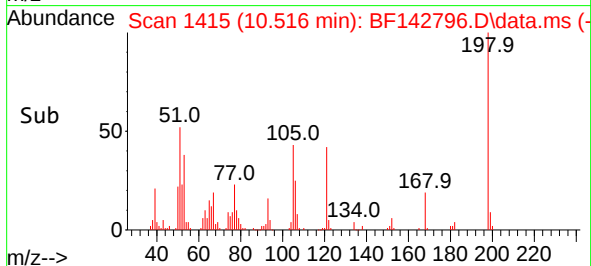
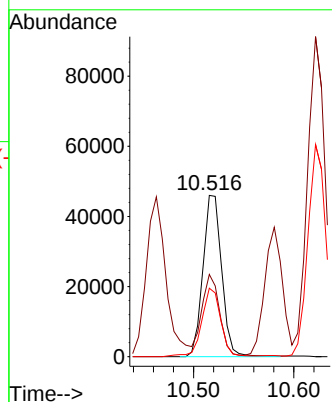
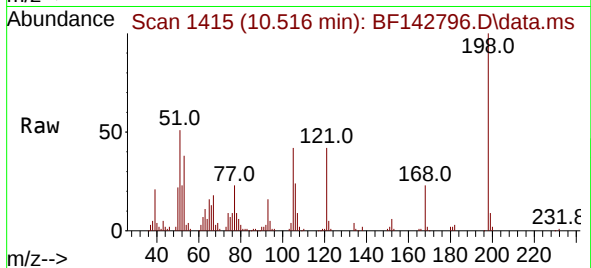




#65
4,6-Dinitro-2-methylphenol
Concen: 43.341 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

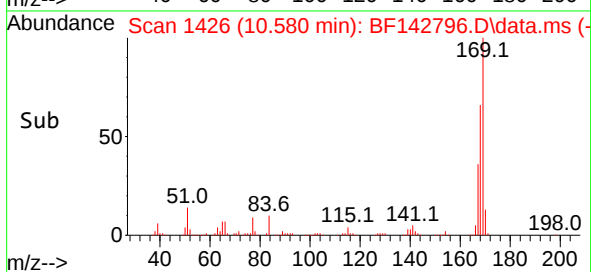
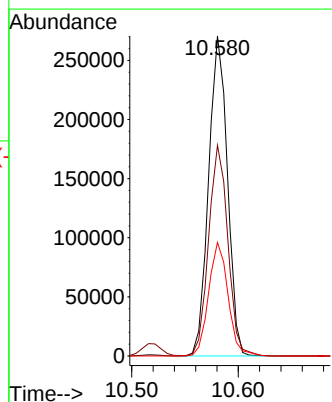
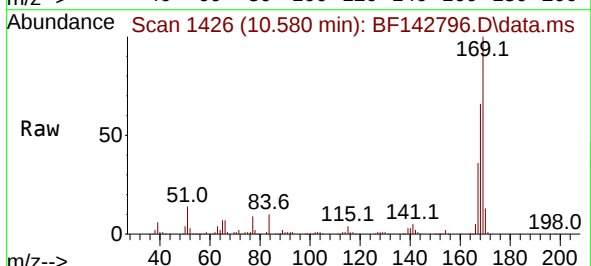
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

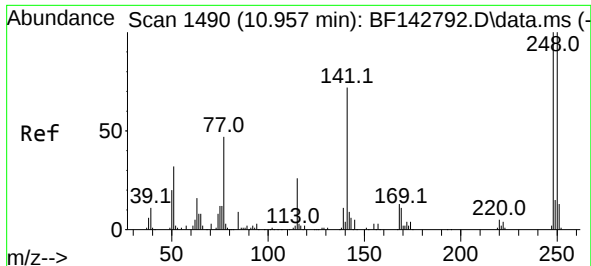
Tgt Ion:198 Resp: 59797
Ion Ratio Lower Upper
198 100
51 51.0 25.4 65.4
105 42.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 41.955 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:169 Resp: 331671
Ion Ratio Lower Upper
169 100
168 65.8 51.9 77.9
167 35.5 28.5 42.7

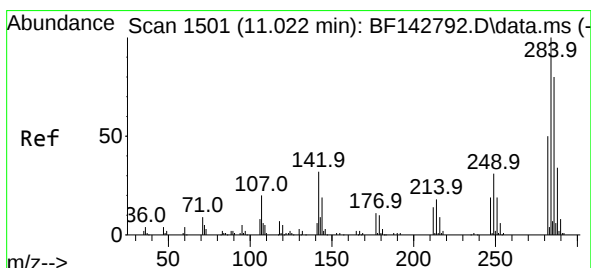
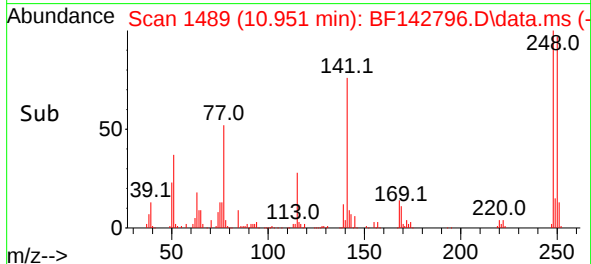
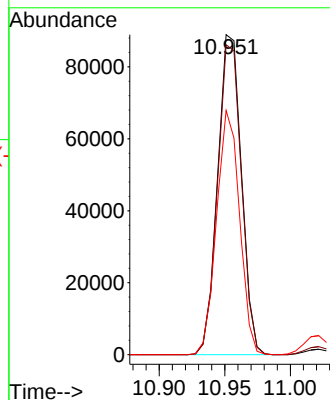
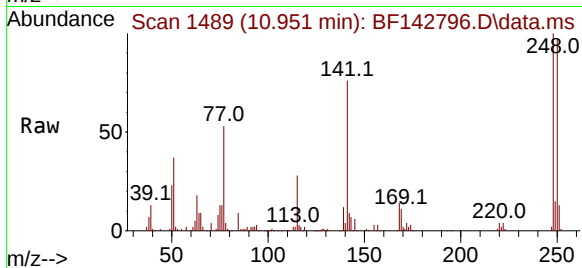




#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

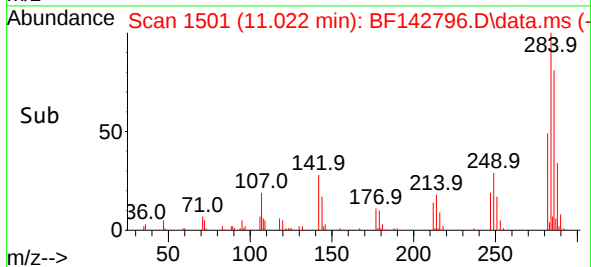
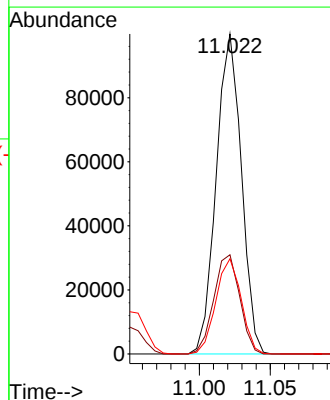
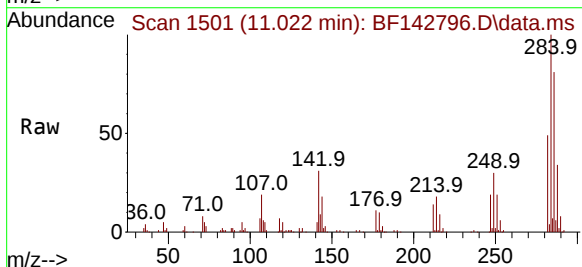
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

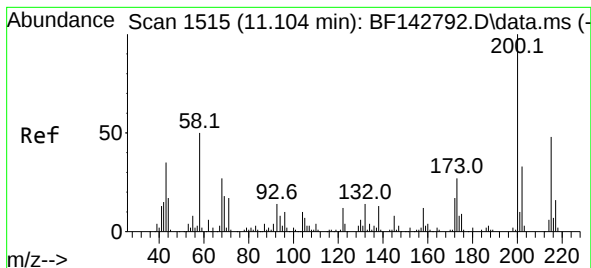
Tgt Ion:248 Resp: 112604
Ion Ratio Lower Upper
248 100
250 96.8 79.8 119.8
141 76.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 42.632 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:284 Resp: 122976
Ion Ratio Lower Upper
284 100
142 31.0 25.5 38.3
249 29.8 24.9 37.3





#69

Atrazine

Concen: 42.840 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

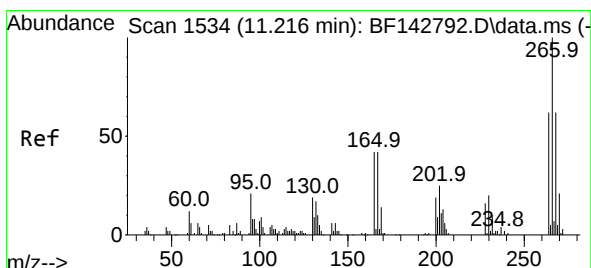
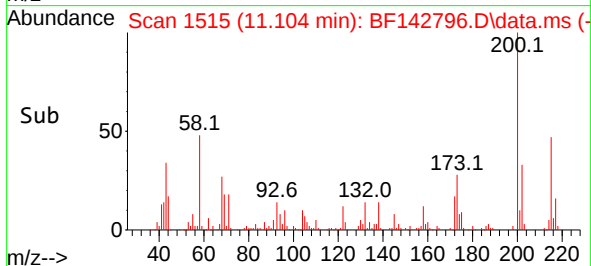
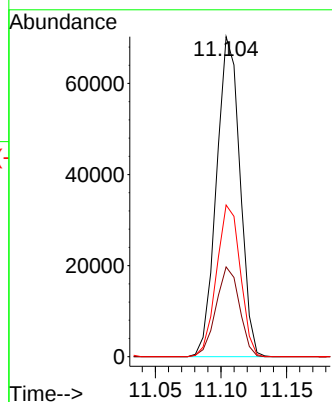
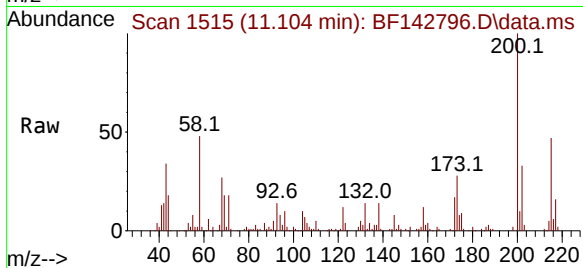
Tgt Ion:200 Resp: 87455

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 47.4 28.4 68.4



#70

Pentachlorophenol

Concen: 43.337 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

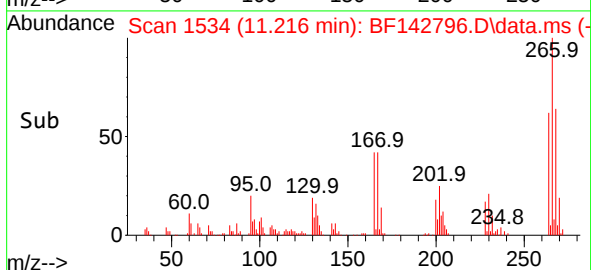
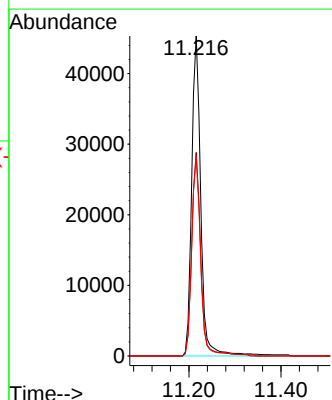
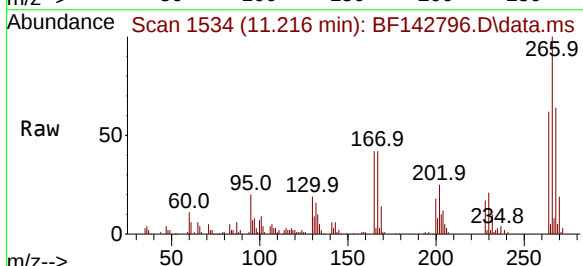
Tgt Ion:266 Resp: 62292

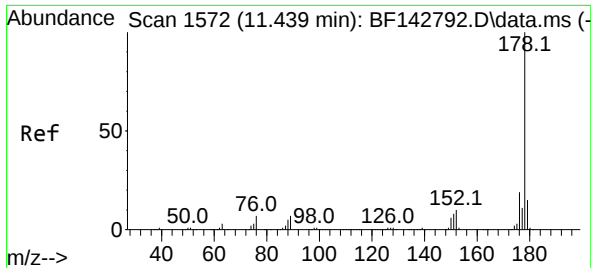
Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.8

264 62.3 49.9 74.9

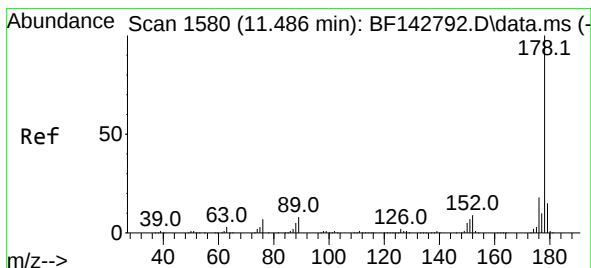
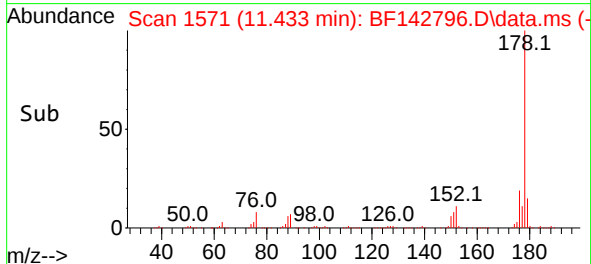
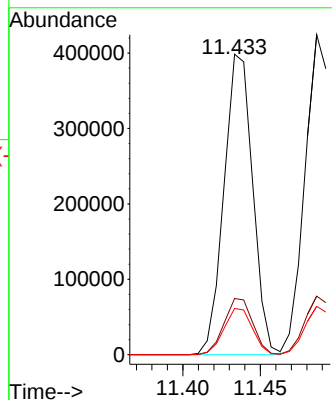
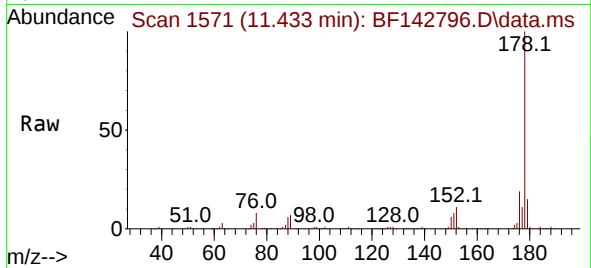




#71
Phenanthrene
Concen: 41.603 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

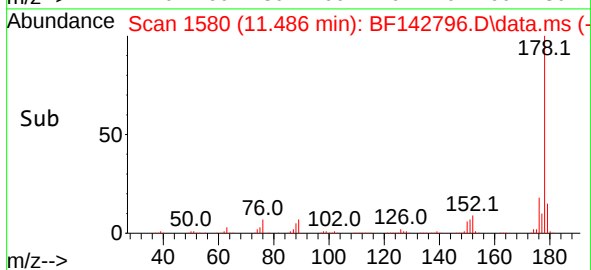
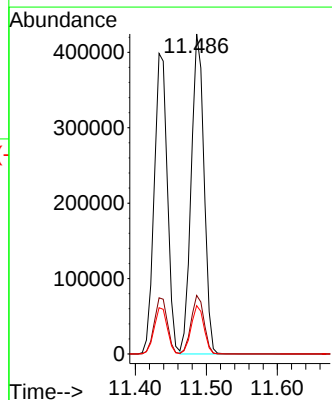
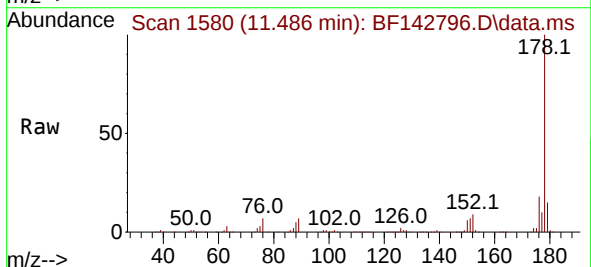
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

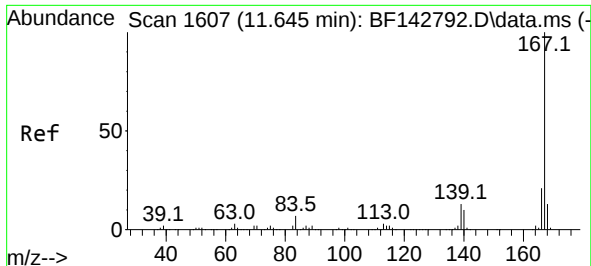
Tgt Ion:178 Resp: 514049
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.4 12.0 18.0



#72
Anthracene
Concen: 42.013 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

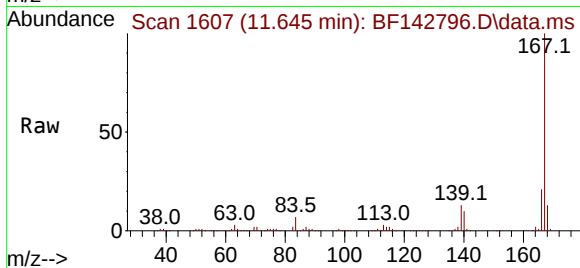
Tgt Ion:178 Resp: 532397
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 15.1 12.4 18.6



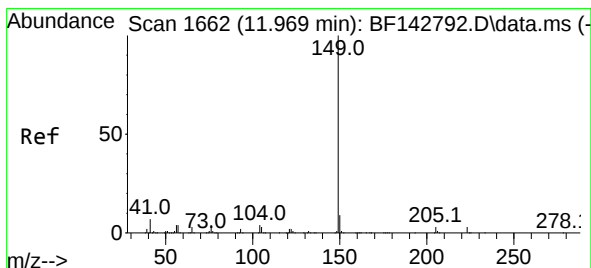
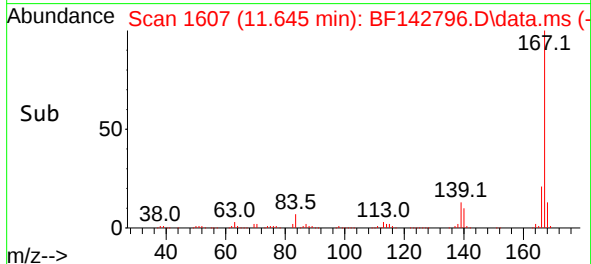
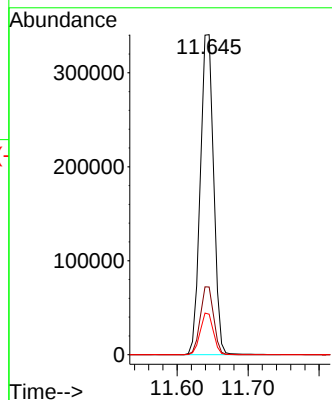


#73
 Carbazole
 Concen: 40.858 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

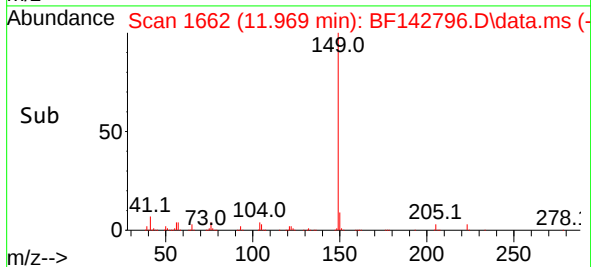
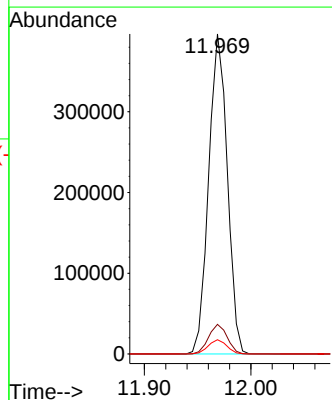
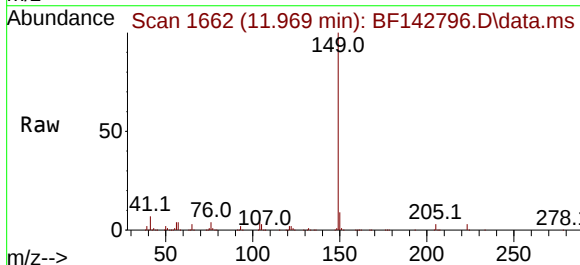


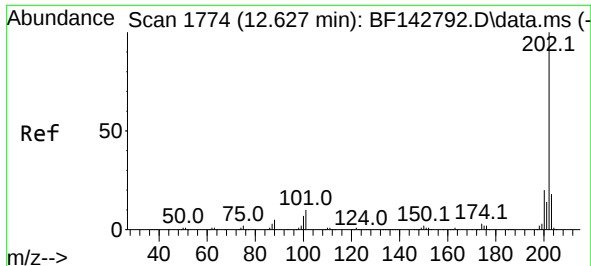
Tgt Ion:167 Resp: 446814
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.228 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 481078
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.5 5.3

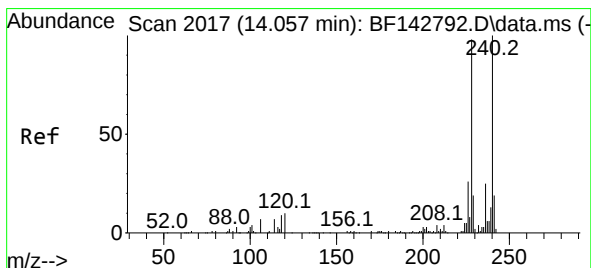
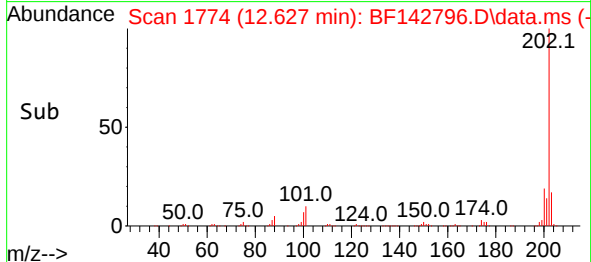
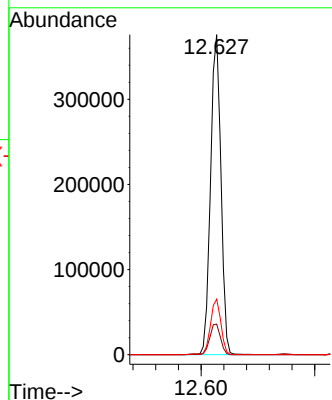
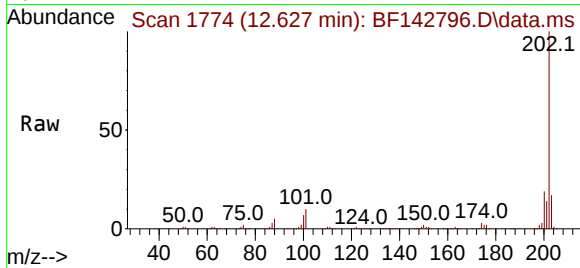




#75
Fluoranthene
Concen: 40.372 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

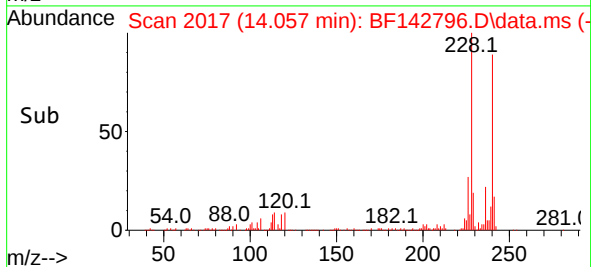
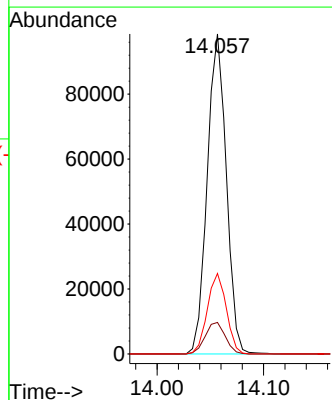
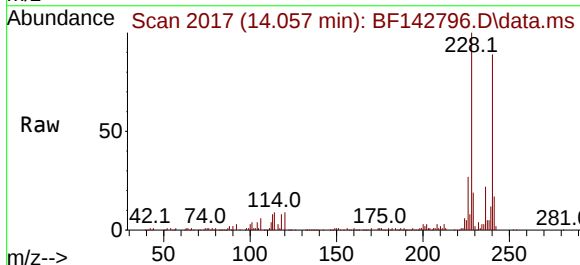
Instrument :
BNA_F
ClientSampleId :
ICVBF061925

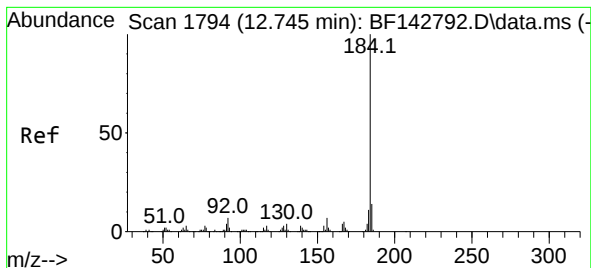
Tgt Ion:202 Resp: 473431
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:240 Resp: 122573
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.2 19.8 29.8





#77

Benzidine

Concen: 47.530 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

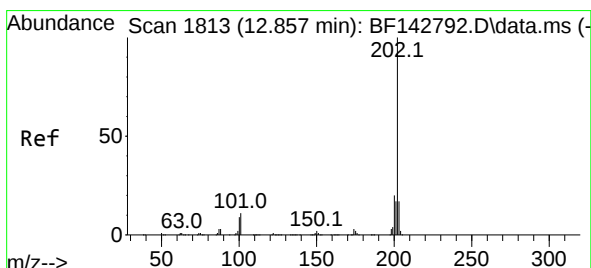
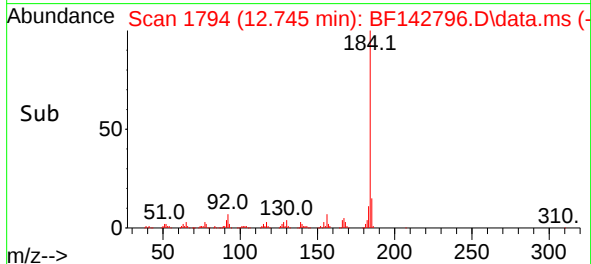
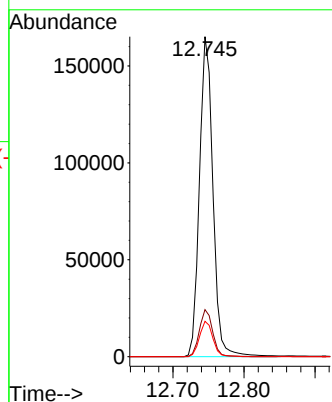
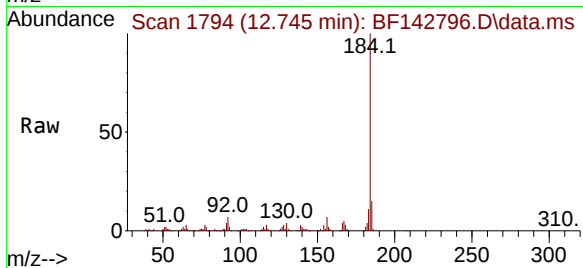
Tgt Ion:184 Resp: 218884

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 11.0 9.0 13.4



#78

Pyrene

Concen: 40.794 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

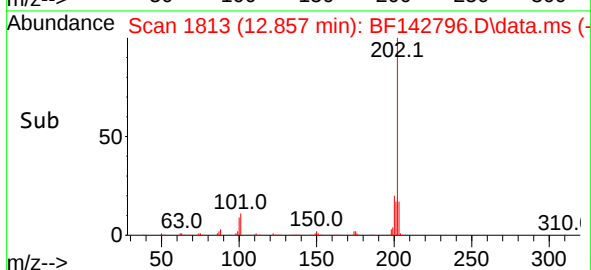
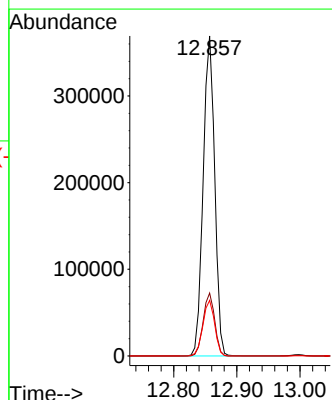
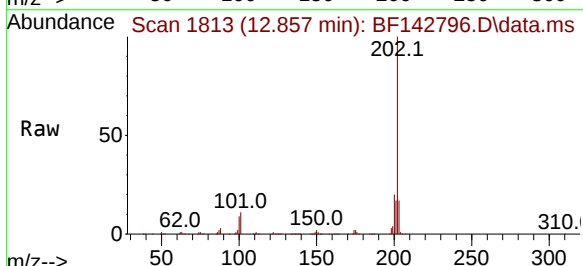
Tgt Ion:202 Resp: 468692

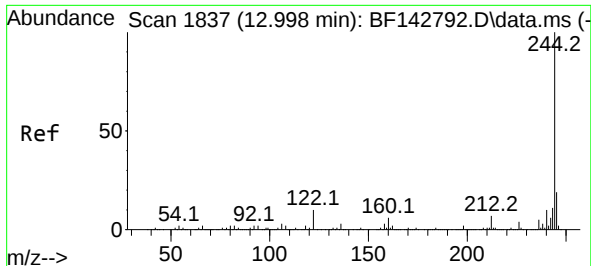
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

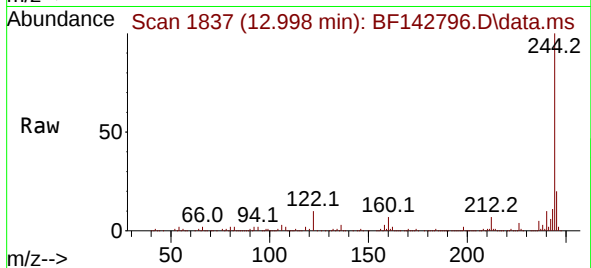
203 17.4 13.8 20.6



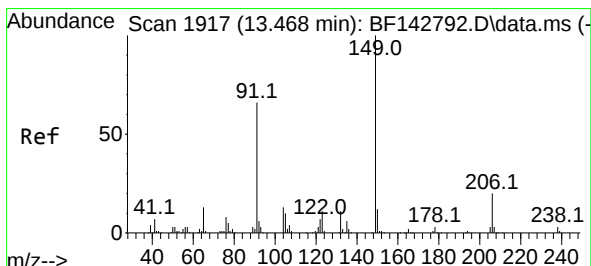
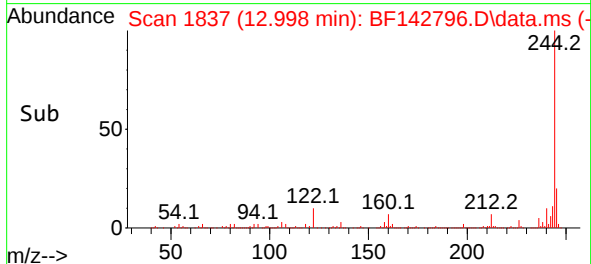
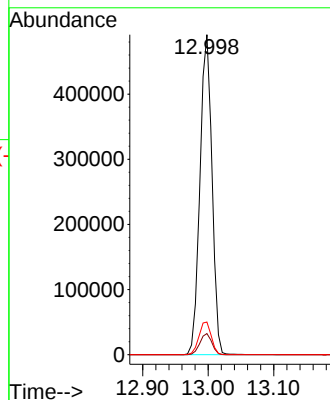


#79
 Terphenyl-d14
 Concen: 70.839 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

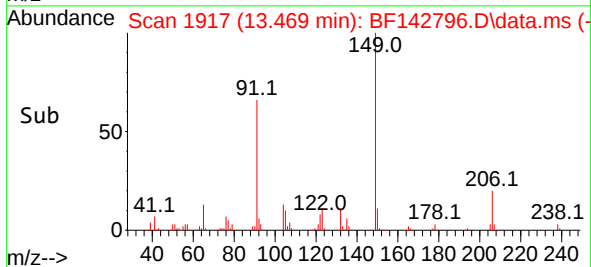
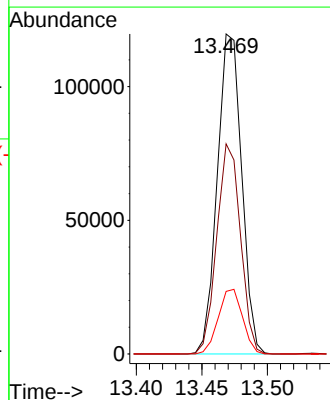
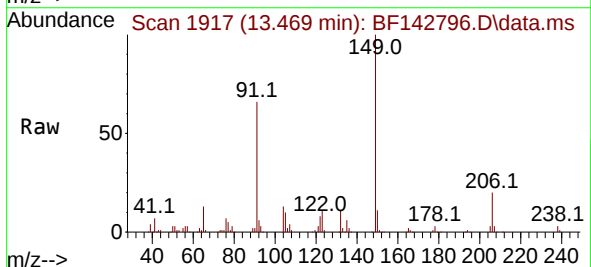


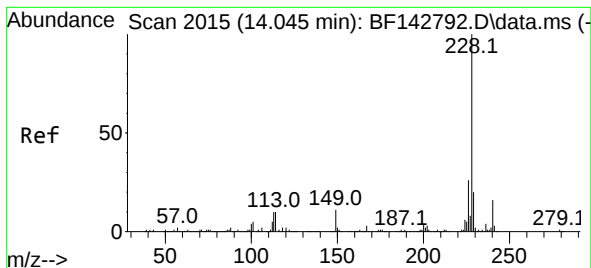
Tgt Ion:244 Resp: 628420
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 46.431 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Tgt Ion:149 Resp: 154743
 Ion Ratio Lower Upper
 149 100
 91 65.7 52.9 79.3
 206 19.6 16.3 24.5





#81

Benzo(a)anthracene

Concen: 41.868 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

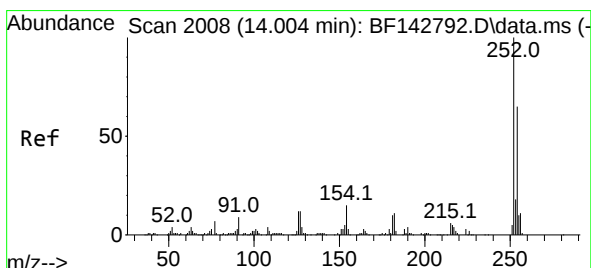
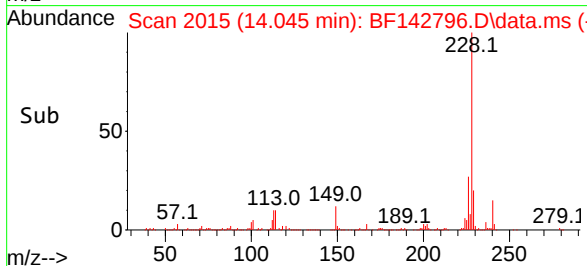
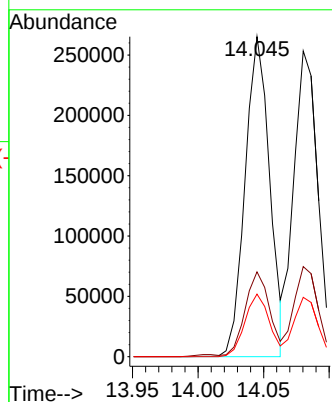
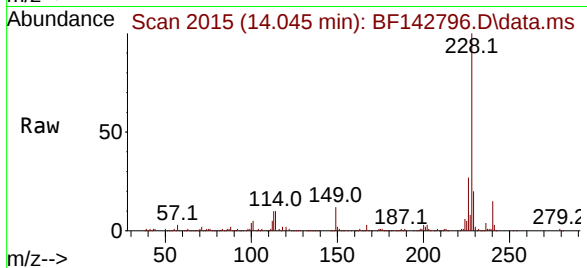
Tgt Ion:228 Resp: 346202

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

229 19.6 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 46.521 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

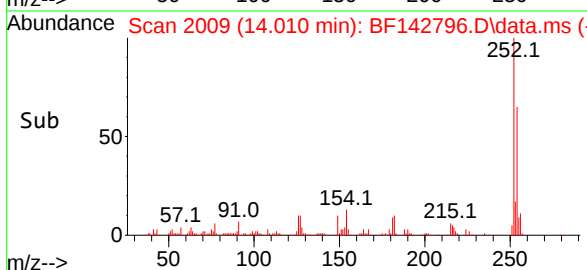
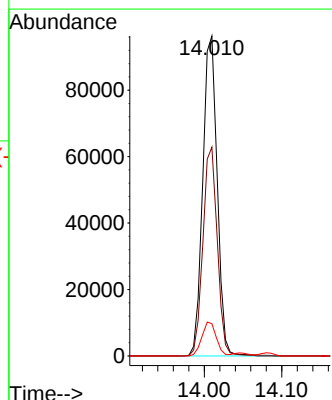
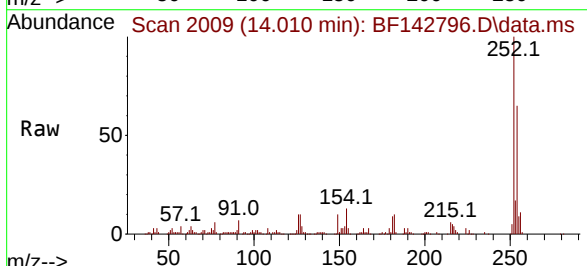
Tgt Ion:252 Resp: 124771

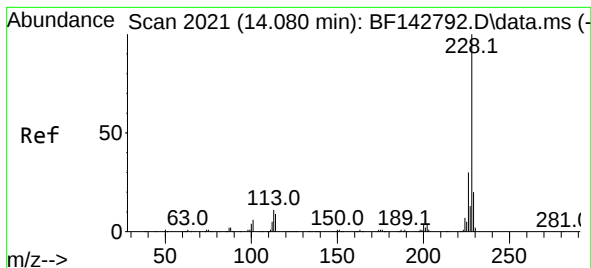
Ion Ratio Lower Upper

252 100

254 65.2 51.7 77.5

126 10.1 9.4 14.2





#83

Chrysene

Concen: 43.637 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

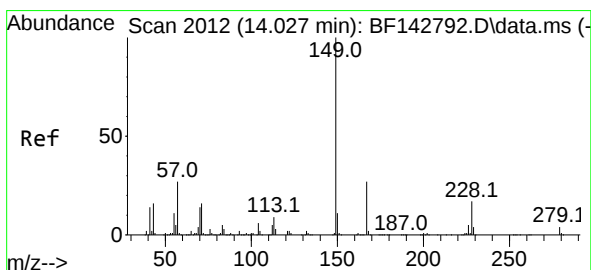
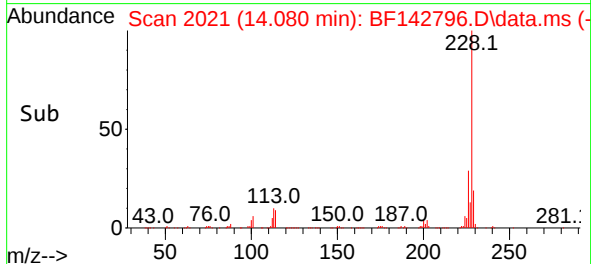
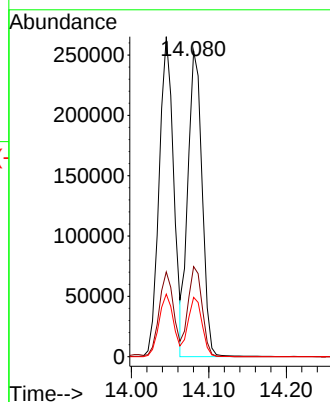
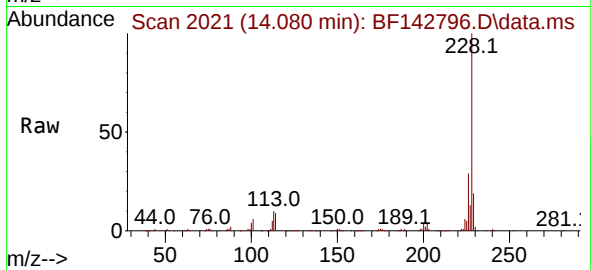
Tgt Ion:228 Resp: 321976

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.976 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

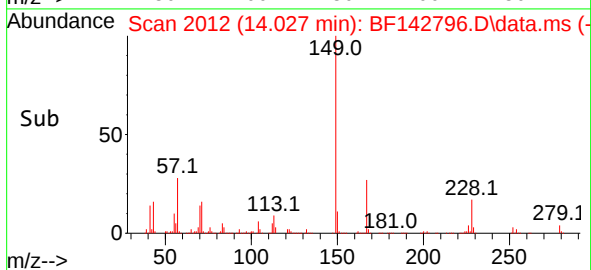
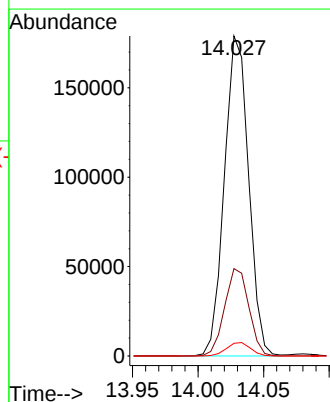
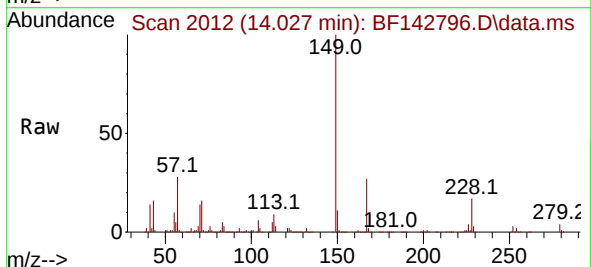
Tgt Ion:149 Resp: 230046

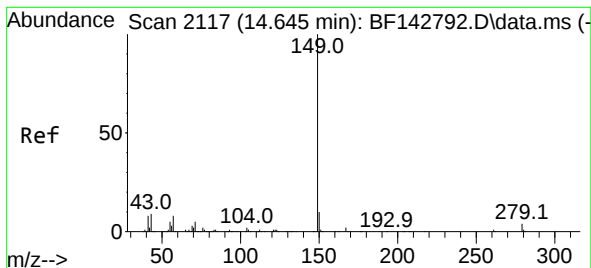
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.026 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

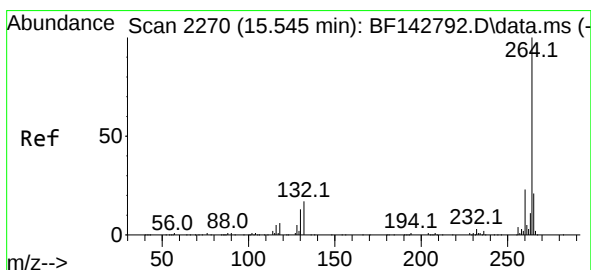
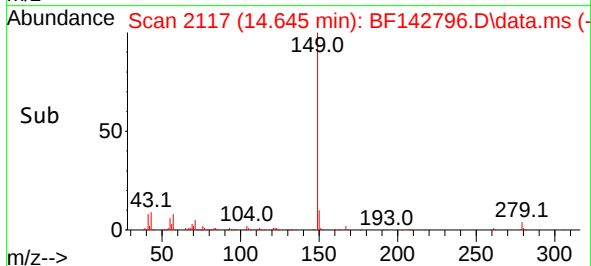
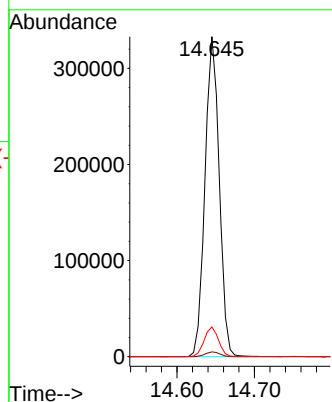
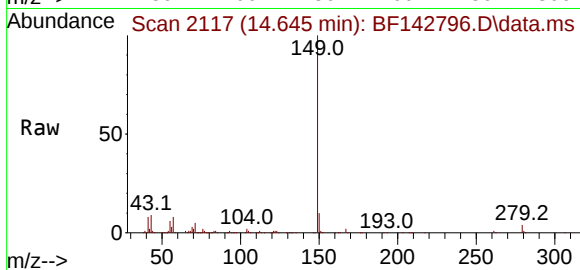
Tgt Ion:149 Resp: 425193

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.2 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

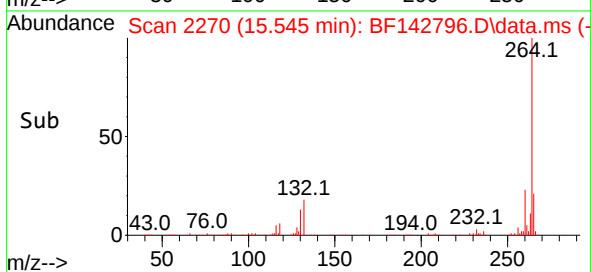
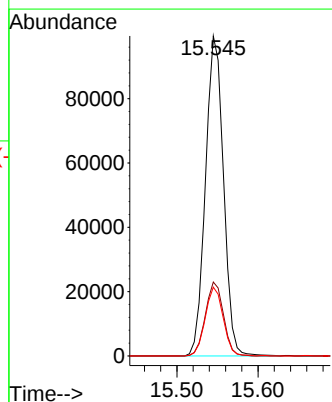
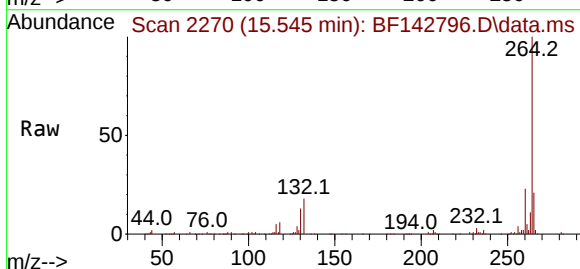
Tgt Ion:264 Resp: 153363

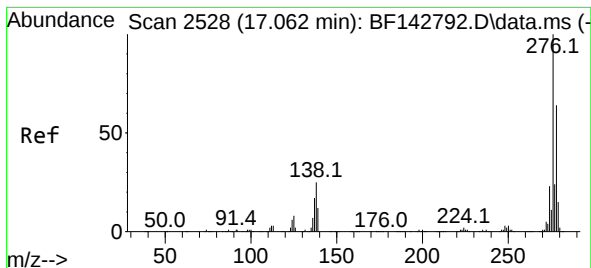
Ion Ratio Lower Upper

264 100

260 23.1 18.1 27.1

265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.060 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

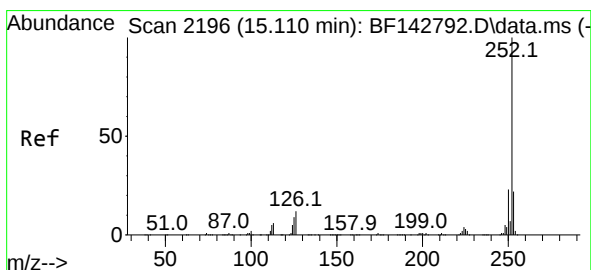
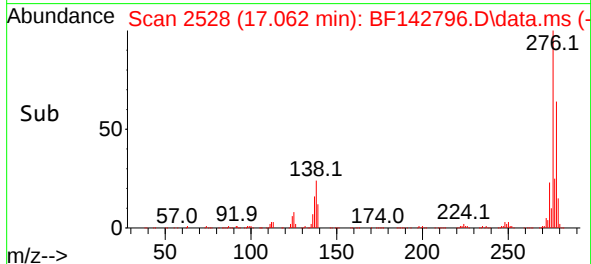
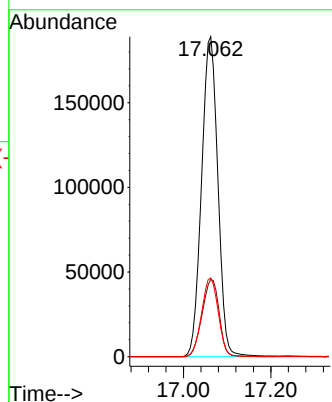
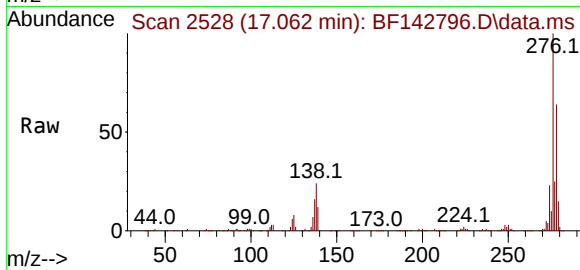
Tgt Ion:276 Resp: 491326

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

277 25.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 40.801 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

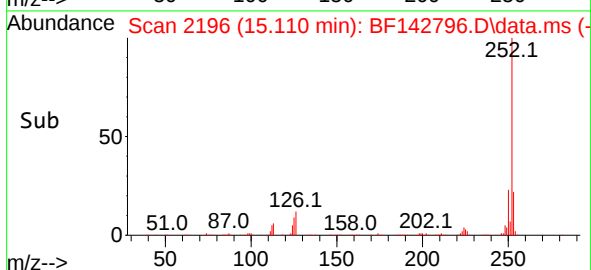
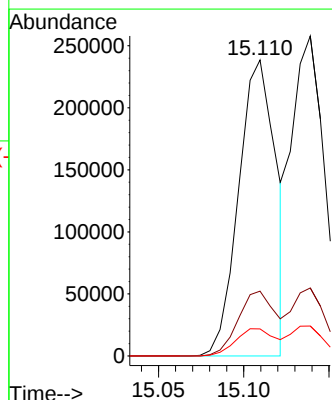
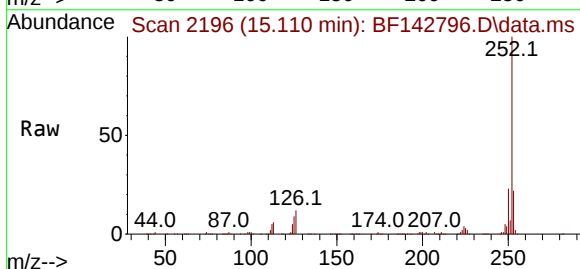
Tgt Ion:252 Resp: 362077

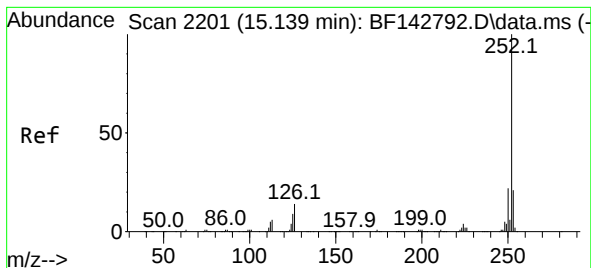
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.800 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

Instrument :

BNA_F

ClientSampleId :

ICVBF061925

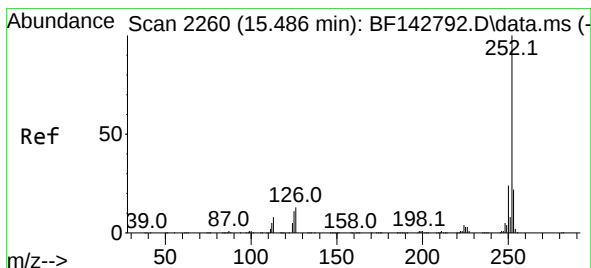
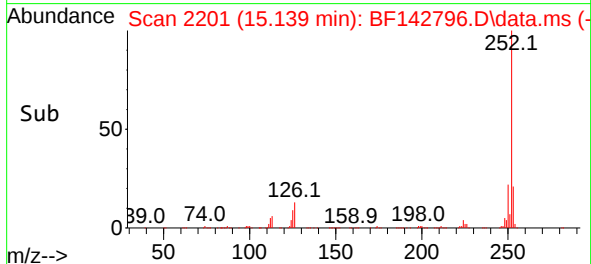
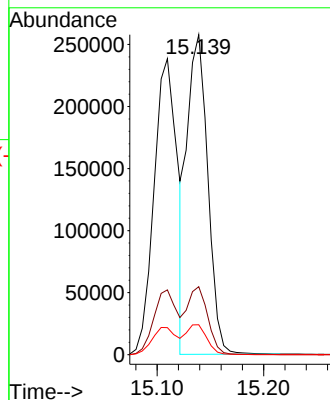
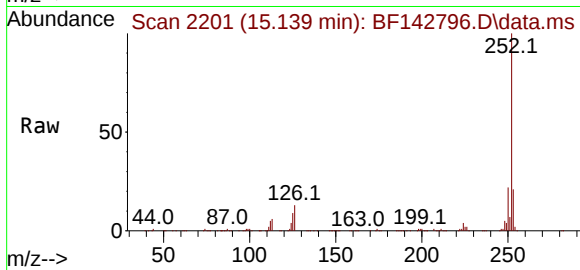
Tgt Ion:252 Resp: 347044

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 42.117 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142796.D

Acq: 19 Jun 2025 21:10

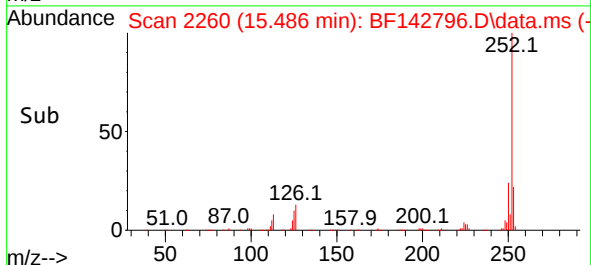
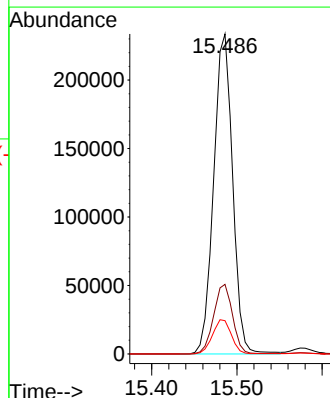
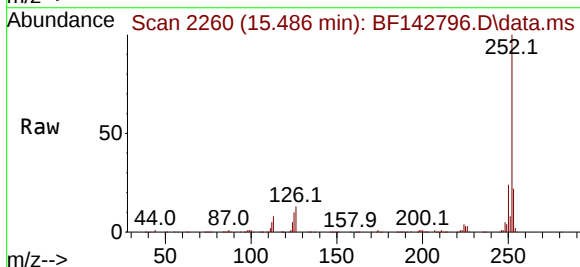
Tgt Ion:252 Resp: 361077

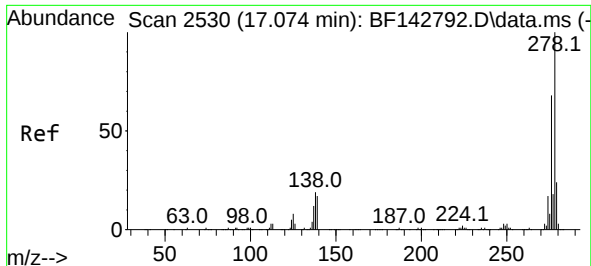
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.4 8.6 12.8

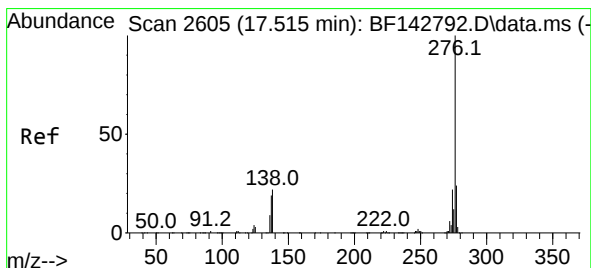
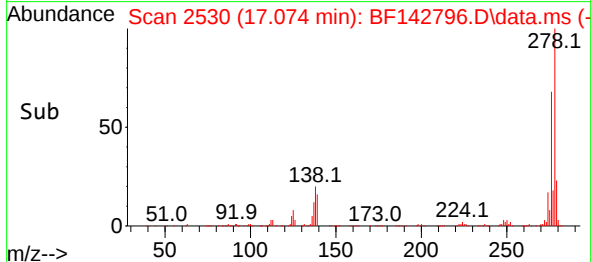
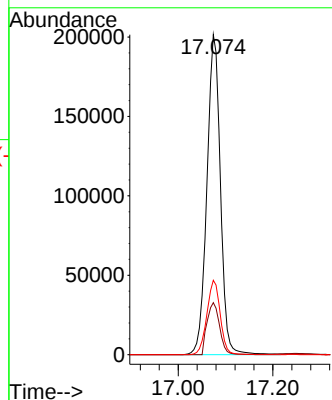
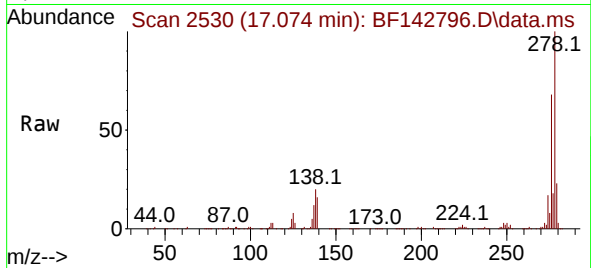




#91
 Dibenzo(a,h)anthracene
 Concen: 42.069 ng
 RT: 17.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF061925

Tgt Ion:278 Resp: 399293
 Ion Ratio Lower Upper
 278 100
 139 16.3 13.5 20.3
 279 23.3 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 42.006 ng
 RT: 17.515 min Scan# 2605
 Delta R.T. 0.000 min
 Lab File: BF142796.D
 Acq: 19 Jun 2025 21:10

Tgt Ion:276 Resp: 397566
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 22.3 17.6 26.4

