

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144149.D
 Acq On : 30 Oct 2025 19:34
 Operator : RC/JU
 Sample : Q3486-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

Quant Time: Oct 31 01:00:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63599	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245703	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	125728	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	184113	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161880	20.000	ng	0.00
86) Perylene-d12	15.539	264	216398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	397052	98.772	ng	0.01
7) Phenol-d6	6.510	99	448887	101.111	ng	0.00
23) Nitrobenzene-d5	7.439	82	291712	65.046	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140908	87.983	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	557424	62.390	ng	0.00
79) Terphenyl-d14	12.992	244	449738	48.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	72674	41.837	ng	94
3) Pyridine	3.451	79	194968	41.924	ng	98
4) n-Nitrosodimethylamine	3.404	42	120256	42.083	ng	88
6) Aniline	6.540	93	182880	28.794	ng	93
8) 2-Chlorophenol	6.663	128	180203	45.520	ng	100
9) Benzaldehyde	6.428	77	121401	35.220	ng	98
10) Phenol	6.522	94	248482	45.367	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	185881	46.967	ng	99
12) 1,3-Dichlorobenzene	6.822	146	227310	46.548	ng	98
13) 1,4-Dichlorobenzene	6.898	146	230634	47.923	ng	98
14) 1,2-Dichlorobenzene	7.045	146	217783	46.768	ng	99
15) Benzyl Alcohol	7.022	79	174708	48.397	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	347079	46.661	ng	97
17) 2-Methylphenol	7.134	107	144212	47.364	ng	93
18) Hexachloroethane	7.392	117	77270	44.909	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	138105	48.105	ng	94
20) 3+4-Methylphenols	7.287	107	165016	45.846	ng	# 79
22) Acetophenone	7.287	105	240537	45.299	ng	96
24) Nitrobenzene	7.463	77	211246	44.528	ng	99
25) Isophorone	7.698	82	359486	45.849	ng	99
26) 2-Nitrophenol	7.775	139	105874	46.912	ng	96
27) 2,4-Dimethylphenol	7.810	122	165951	49.481	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	224126	45.837	ng	98
29) 2,4-Dichlorophenol	8.022	162	169561	43.474	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	189077	47.122	ng	98
31) Naphthalene	8.181	128	505540	43.594	ng	98
32) Benzoic acid	7.922	122	83768	39.376	ng	89
33) 4-Chloroaniline	8.234	127	44444	11.009	ng	95
34) Hexachlorobutadiene	8.298	225	136386	41.569	ng	98
35) Caprolactam	8.598	113	43356	44.329	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	148236	43.068	ng	98
37) 2-Methylnaphthalene	8.875	142	316977	41.458	ng	96
38) 1-Methylnaphthalene	8.975	142	313882	43.332	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	199787	46.236	ng	99
41) Hexachlorocyclopentadiene	9.028	237	182633	136.844	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	132806	47.285	ng	98

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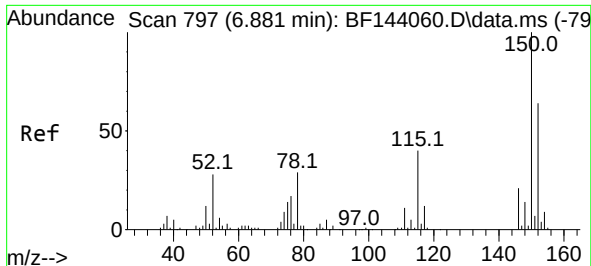
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	130388	44.234	ng	97
46) 1,1'-Biphenyl	9.339	154	416330	46.258	ng	100
47) 2-Chloronaphthalene	9.363	162	343186	45.514	ng	98
48) 2-Nitroaniline	9.463	65	97369	43.487	ng	93
49) Acenaphthylene	9.781	152	527676	51.902	ng	99
50) Dimethylphthalate	9.639	163	376906	45.734	ng	99
51) 2,6-Dinitrotoluene	9.704	165	77743	47.718	ng	87
52) Acenaphthene	9.951	154	309931	45.646	ng	99
53) 3-Nitroaniline	9.869	138	35509	19.603	ng	96
54) 2,4-Dinitrophenol	9.980	184	53579	60.804	ng	94
55) Dibenzofuran	10.128	168	427644	45.368	ng	96
56) 4-Nitrophenol	10.033	139	91062	74.239	ng	88
57) 2,4-Dinitrotoluene	10.110	165	98626	44.853	ng	94
58) Fluorene	10.469	166	322058	44.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	93836	45.175	ng	98
60) Diethylphthalate	10.339	149	324879	41.919	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	179814	44.519	ng	97
62) 4-Nitroaniline	10.486	138	63401	36.941	ng	91
63) Azobenzene	10.622	77	338977	46.211	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	44596	37.753	ng	97
66) n-Nitrosodiphenylamine	10.575	169	302477	51.420	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	115012	49.892	ng	96
68) Hexachlorobenzene	11.016	284	135627	47.973	ng	96
69) Atrazine	11.104	200	85975	44.539	ng	97
70) Pentachlorophenol	11.216	266	121731	90.458	ng	98
71) Phenanthrene	11.433	178	439385	48.042	ng	99
72) Anthracene	11.486	178	433923	45.928	ng	100
73) Carbazole	11.639	167	348445	43.330	ng	99
74) Di-n-butylphthalate	11.969	149	418056	42.402	ng	99
75) Fluoranthene	12.621	202	443137	43.855	ng	99
77) Benzidine	12.745	184	199045	39.509	ng	99
78) Pyrene	12.857	202	480864	41.318	ng	100
80) Butylbenzylphthalate	13.469	149	188851	42.893	ng	99
81) Benzo(a)anthracene	14.045	228	525410	48.027	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	78363	20.577	ng	95
83) Chrysene	14.086	228	500311	48.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	290390	48.312	ng	99
85) Di-n-octyl phthalate	14.645	149	524950	50.785	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	603467	40.618	ng	99
88) Benzo(b)fluoranthene	15.104	252	613357	50.137	ng	100
89) Benzo(k)fluoranthene	15.133	252	527397	46.725	ng	100
90) Benzo(a)pyrene	15.480	252	564507	51.435	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	468774	39.861	ng	99
92) Benzo(g,h,i)perylene	17.504	276	447376	37.837	ng	99

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

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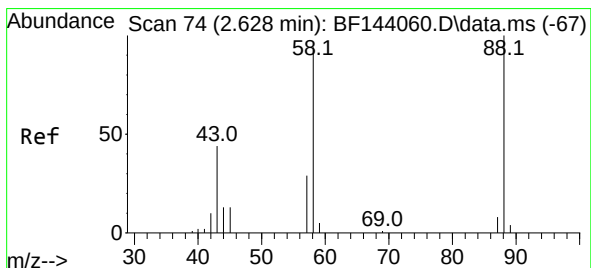
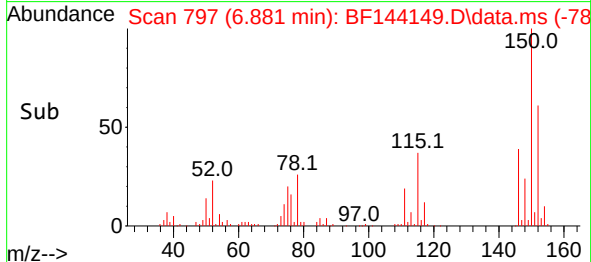
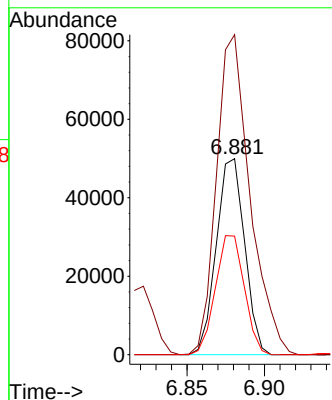
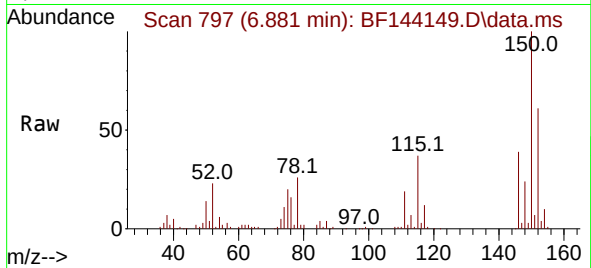




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

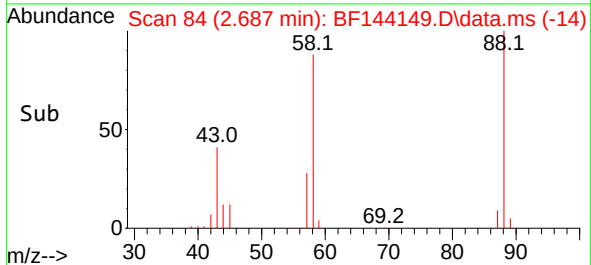
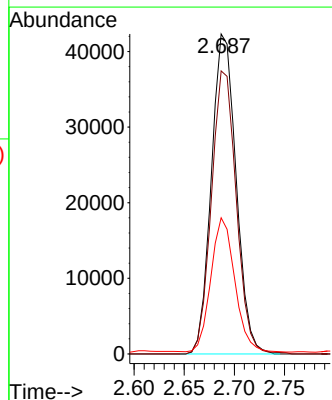
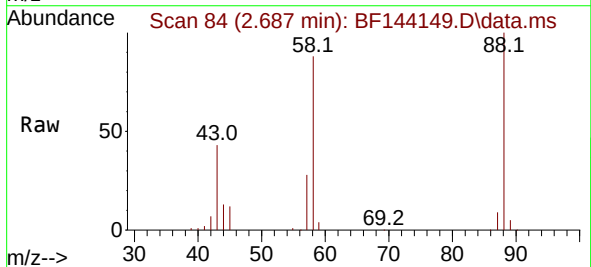
Instrument :
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 TP5MS

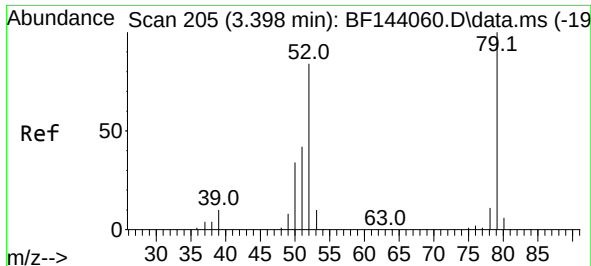
Tgt Ion:152 Resp: 63599
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.4 186.6
 115 60.5 49.4 74.0



#2
 1,4-Dioxane
 Concen: 41.837 ng
 RT: 2.687 min Scan# 84
 Delta R.T. 0.059 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion: 88 Resp: 72674
 Ion Ratio Lower Upper
 88 100
 58 89.0 76.5 114.7
 43 40.6 35.3 52.9

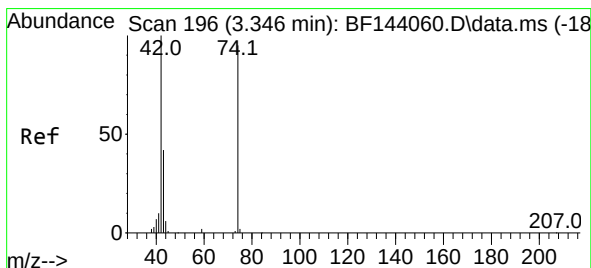
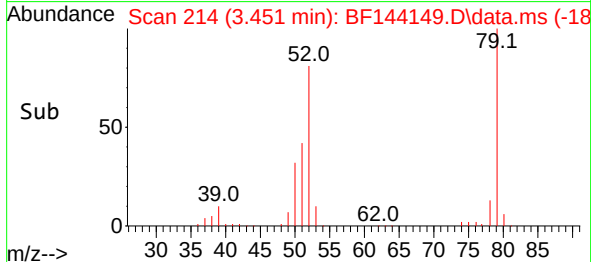
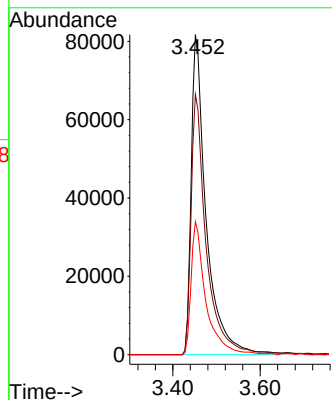
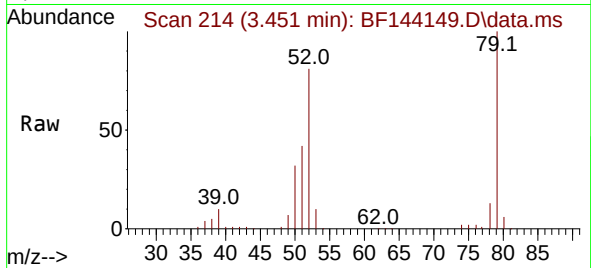




#3
 Pyridine
 Concen: 41.924 ng
 RT: 3.451 min Scan# 214
 Delta R.T. 0.053 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

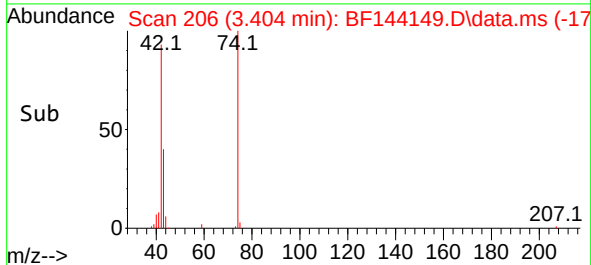
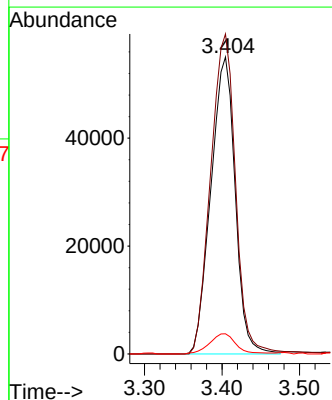
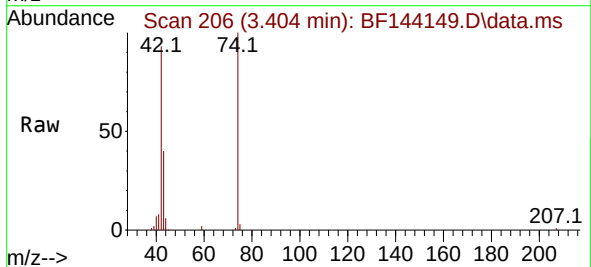
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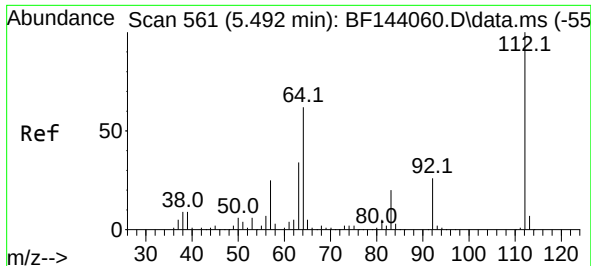
Tgt Ion: 79 Resp: 194968
 Ion Ratio Lower Upper
 79 100
 52 81.3 67.5 101.3
 51 41.6 33.6 50.4



#4
 n-Nitrosodimethylamine
 Concen: 42.083 ng
 RT: 3.404 min Scan# 206
 Delta R.T. 0.059 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion: 42 Resp: 120256
 Ion Ratio Lower Upper
 42 100
 74 107.8 76.4 114.6
 44 6.8 5.2 7.8

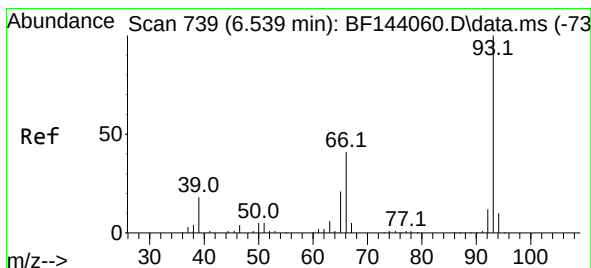
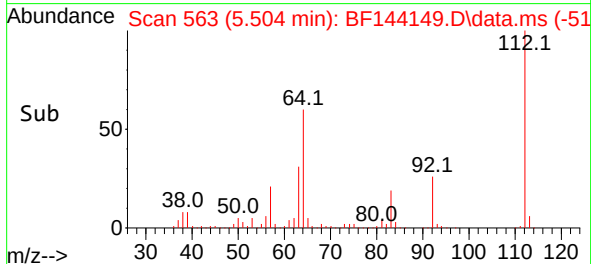
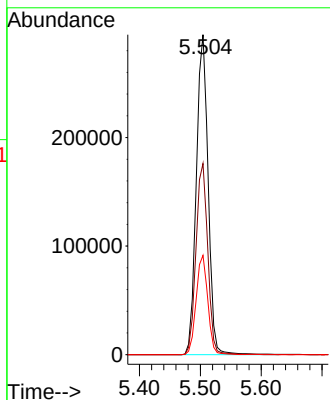
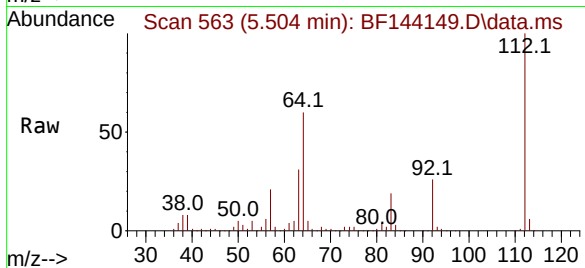




#5
2-Fluorophenol
Concen: 98.772 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

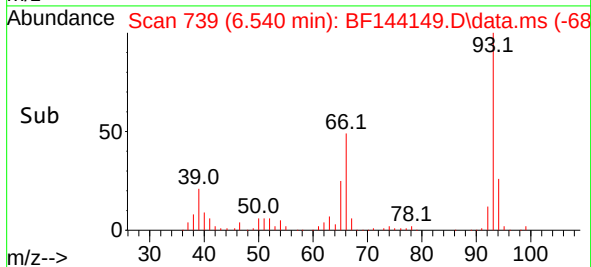
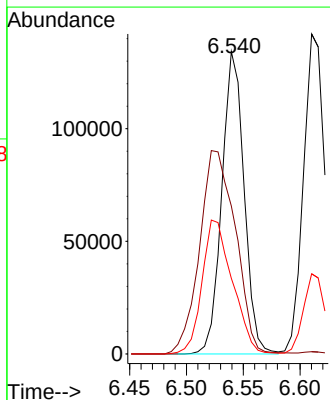
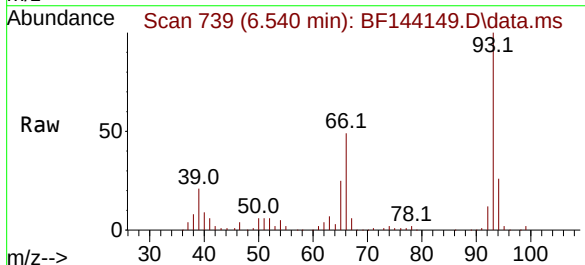
Instrument :
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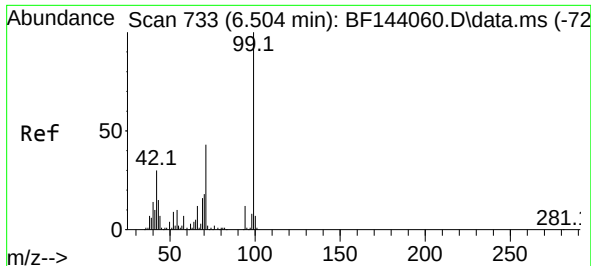
Tgt Ion:112 Resp: 397052
Ion Ratio Lower Upper
112 100
64 59.7 49.8 74.8
63 31.1 27.4 41.2



#6
Aniline
Concen: 28.794 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 93 Resp: 182880
Ion Ratio Lower Upper
93 100
66 48.9 35.7 53.5
65 25.0 17.0 25.6

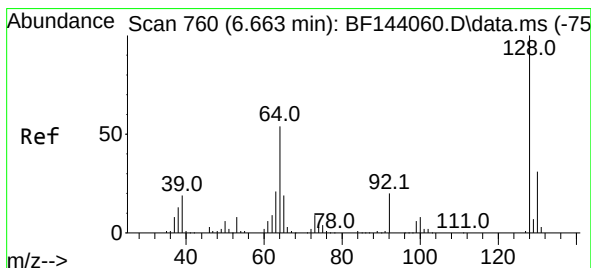
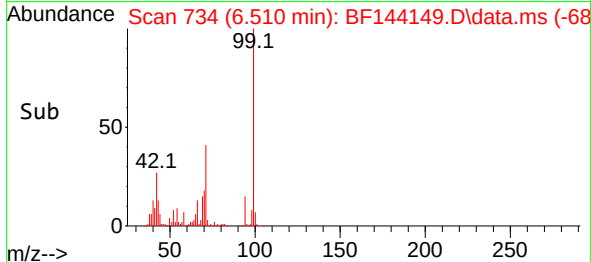
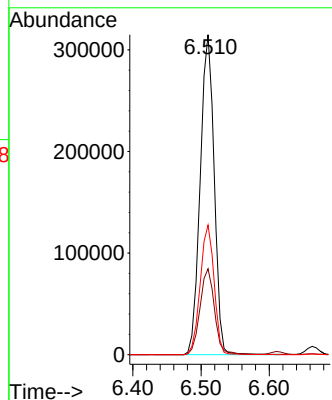
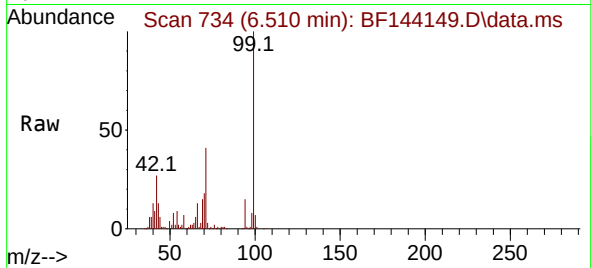




#7
Phenol-d6
Concen: 101.111 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

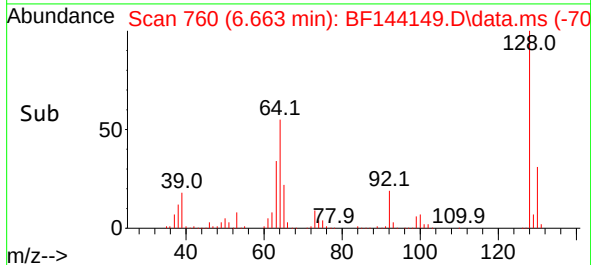
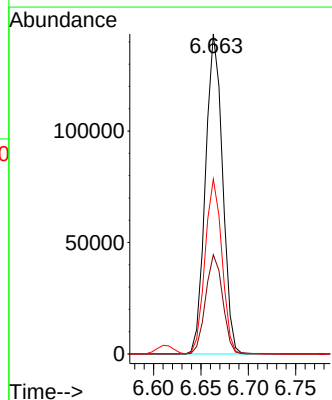
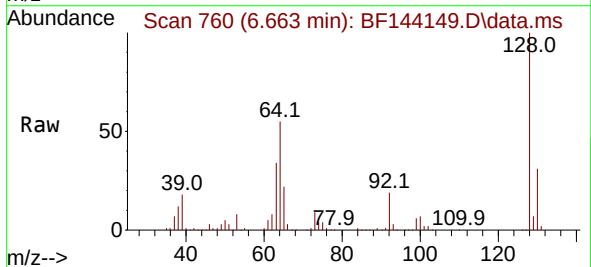
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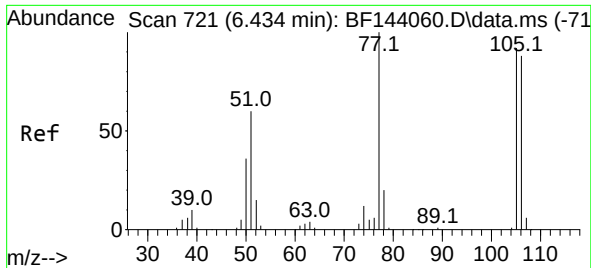
Tgt Ion: 99 Resp: 448887
Ion Ratio Lower Upper
99 100
42 26.9 23.9 35.9
71 40.5 34.4 51.6



#8
2-Chlorophenol
Concen: 45.520 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144149.D
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Tgt Ion:128 Resp: 180203
Ion Ratio Lower Upper
128 100
130 31.0 10.7 50.7
64 54.6 34.7 74.7





#9

Benzaldehyde

Concen: 35.220 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

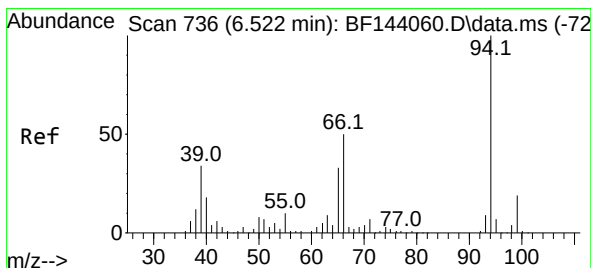
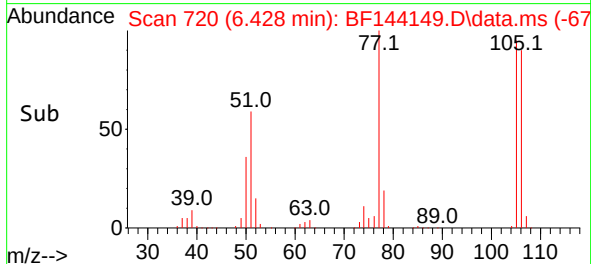
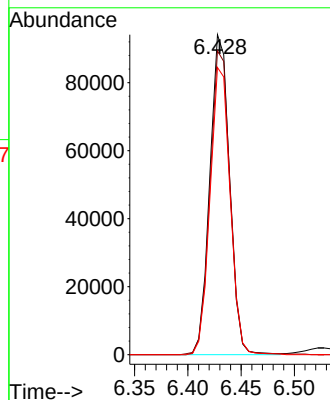
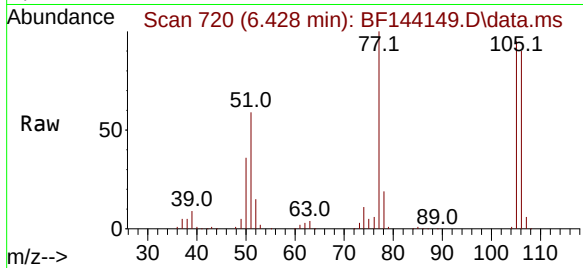
Tgt Ion: 77 Resp: 121401

Ion Ratio Lower Upper

77 100

105 95.0 72.2 112.2

106 89.8 67.9 107.9



#10

Phenol

Concen: 45.367 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

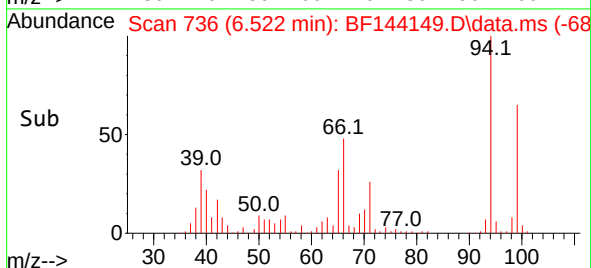
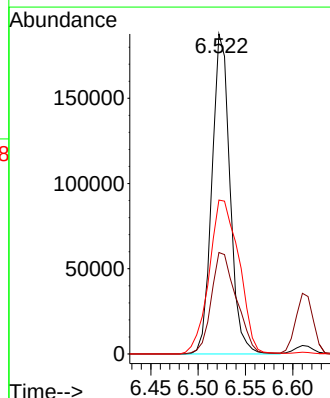
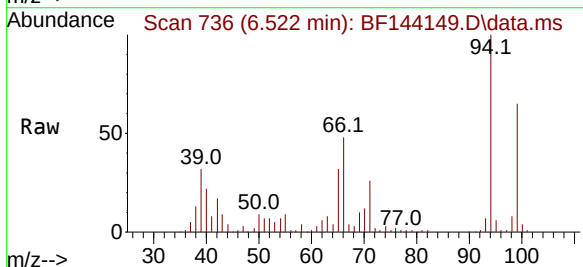
Tgt Ion: 94 Resp: 248482

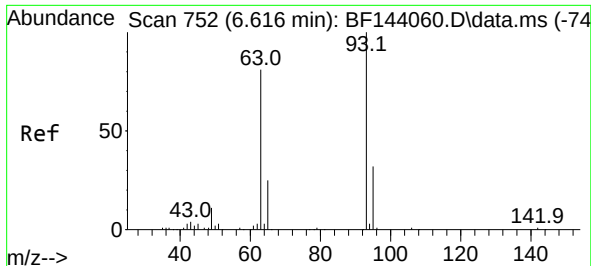
Ion Ratio Lower Upper

94 100

65 31.7 13.1 53.1

66 48.1 30.6 70.6

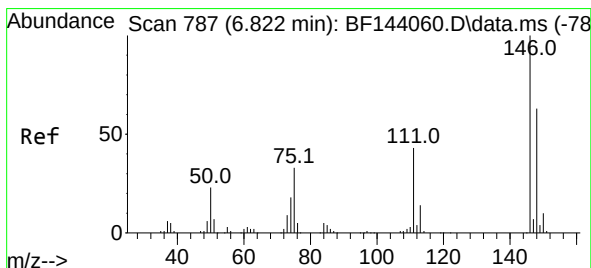
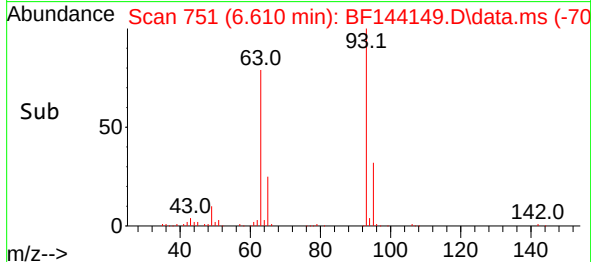
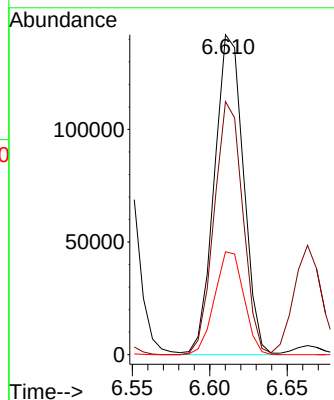
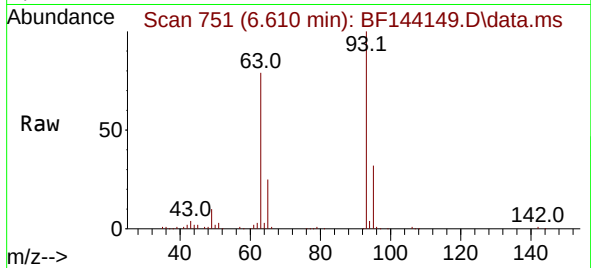




#11
bis(2-Chloroethyl)ether
Concen: 46.967 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

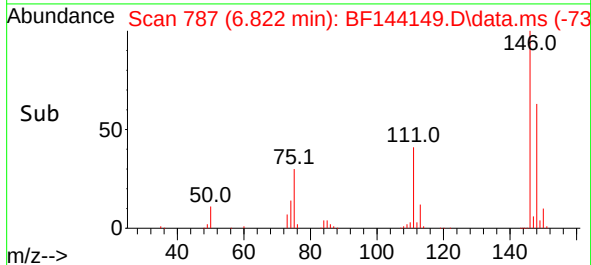
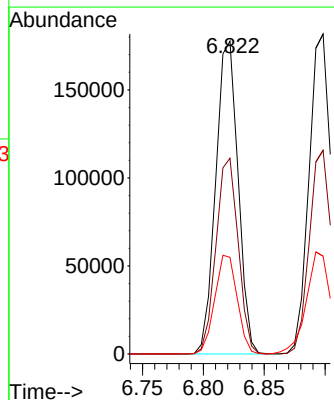
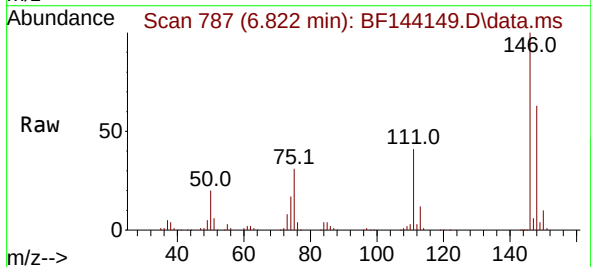
Instrument :
BNA_F
ClientSampleId :
TP5MS

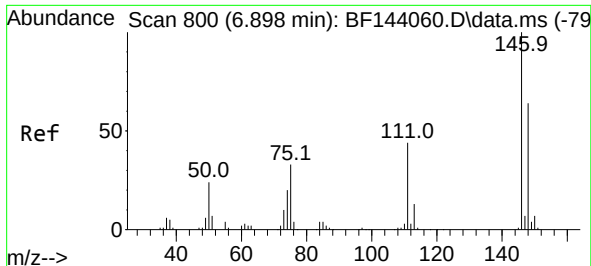
Tgt Ion: 93 Resp: 185881
Ion Ratio Lower Upper
93 100
63 79.1 60.2 100.2
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.548 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:146 Resp: 227310
Ion Ratio Lower Upper
146 100
148 62.6 50.6 75.8
75 30.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 47.923 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

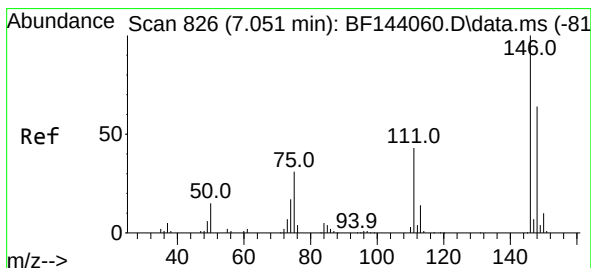
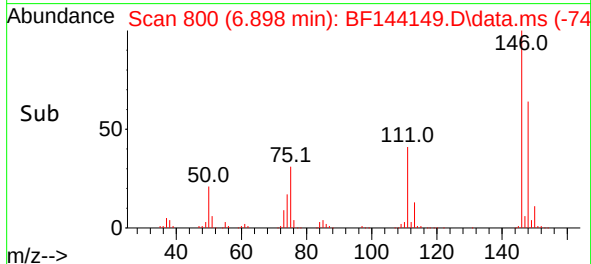
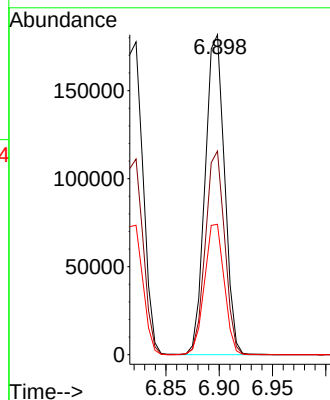
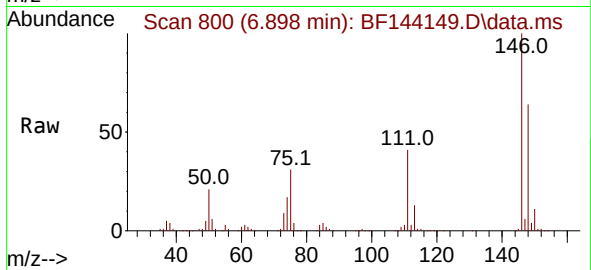
Tgt Ion:146 Resp: 230634

Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.6

111 40.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 46.768 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

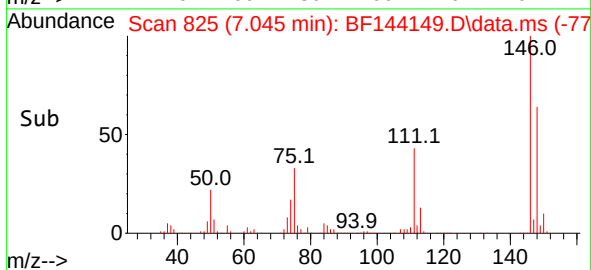
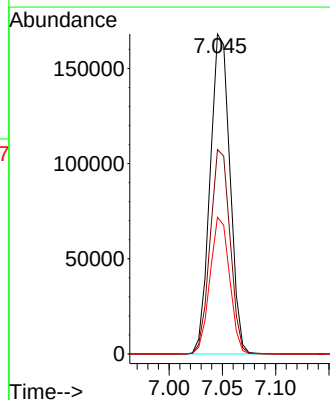
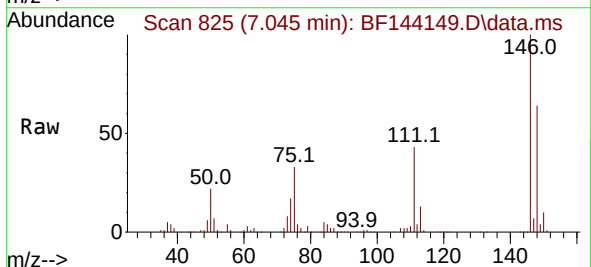
Tgt Ion:146 Resp: 217783

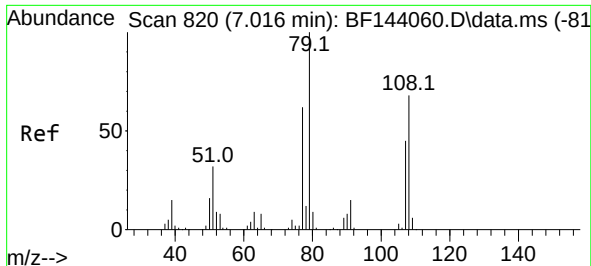
Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

111 42.8 34.7 52.1

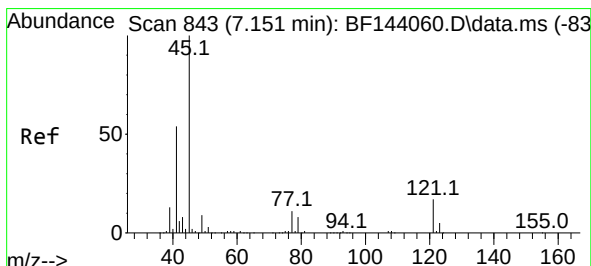
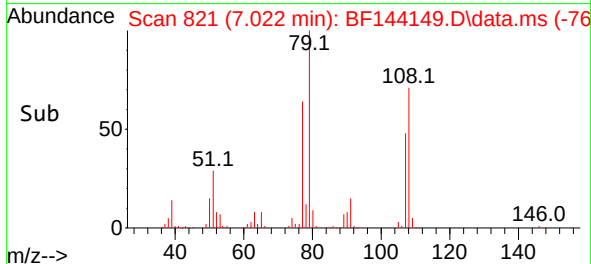
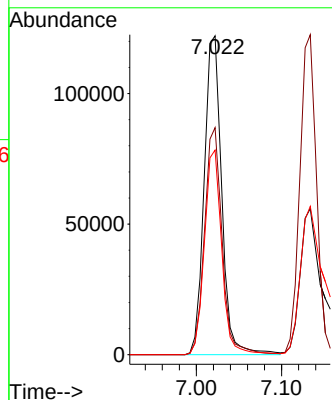
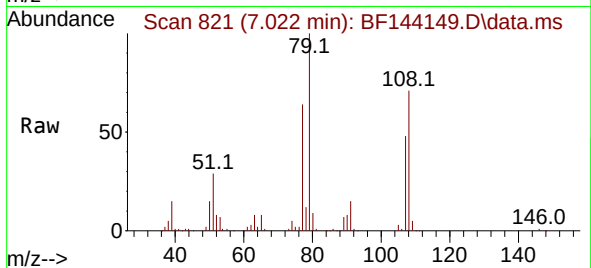




#15
Benzyl Alcohol
Concen: 48.397 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

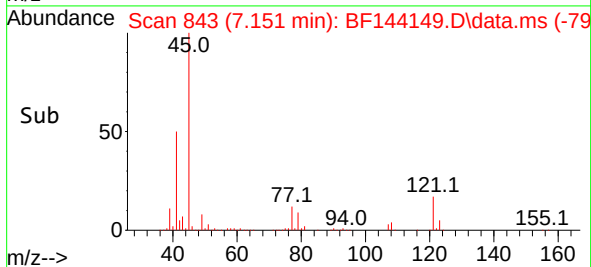
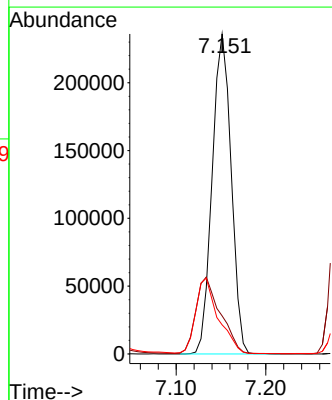
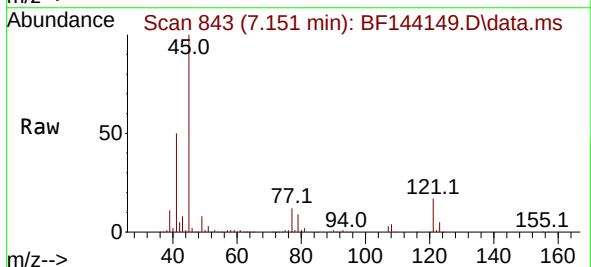
Instrument :
BNA_F
ClientSampleId :
TP5MS

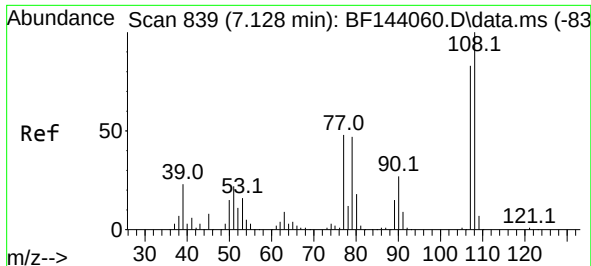
Tgt Ion: 79 Resp: 174708
Ion Ratio Lower Upper
79 100
108 71.2 54.8 82.2
77 64.2 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.661 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 45 Resp: 347079
Ion Ratio Lower Upper
45 100
77 11.9 0.0 30.9
79 9.1 0.0 28.2

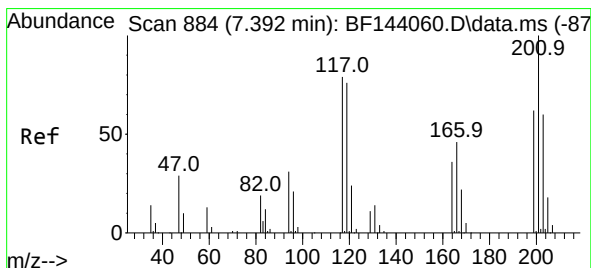
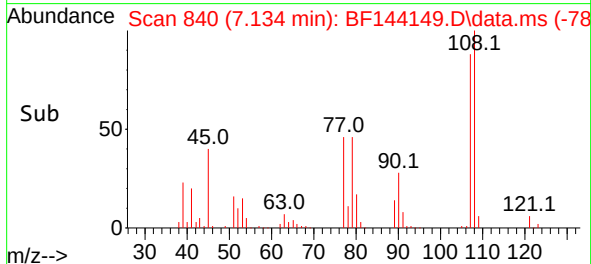
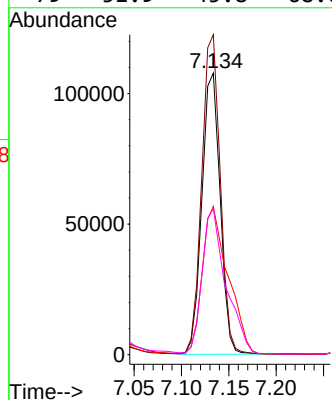
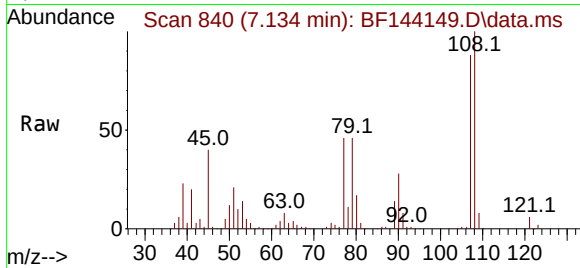




#17
2-Methylphenol
Concen: 47.364 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

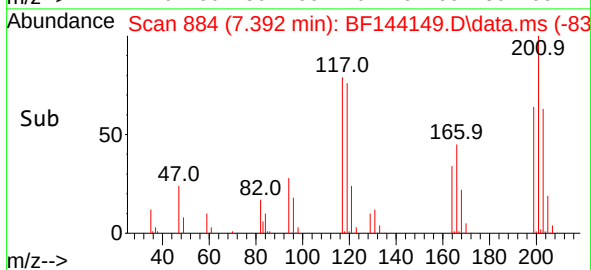
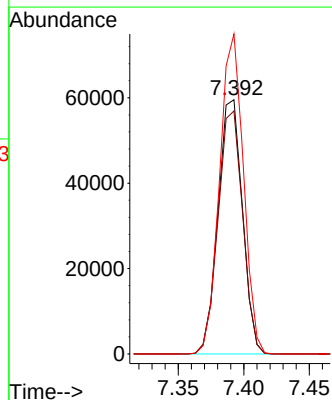
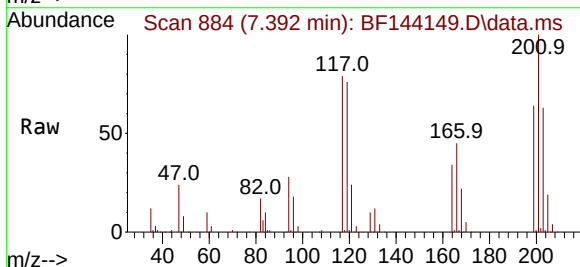
Instrument :
BNA_F
ClientSampleId :
TP5MS

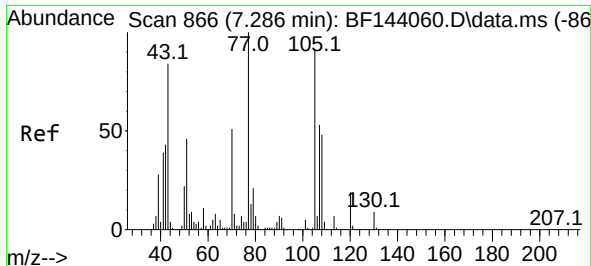
Tgt Ion:	107	Resp:	144212
Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.4	144.6
77	52.7	46.8	70.2
79	51.9	45.8	68.6



#18
Hexachloroethane
Concen: 44.909 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:	117	Resp:	77270
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
201	125.9	100.9	151.3



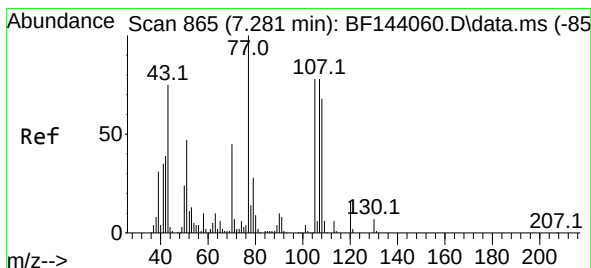
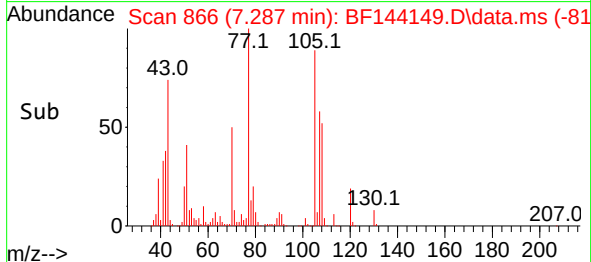
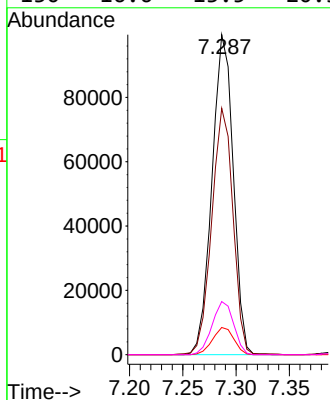
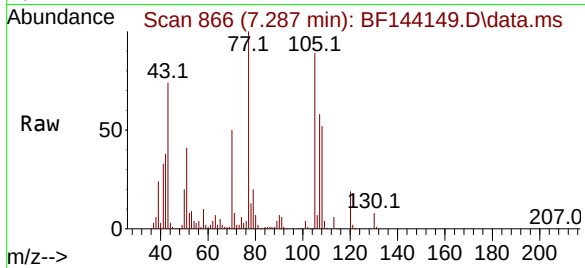


#19
n-Nitroso-di-n-propylamine
Concen: 48.105 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Instrument :
BNA_F
ClientSampleId :
TP5MS

Tgt Ion: 70 Resp: 138105

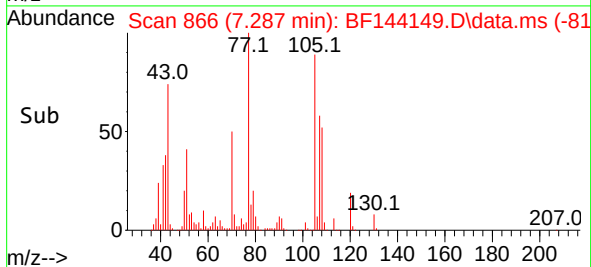
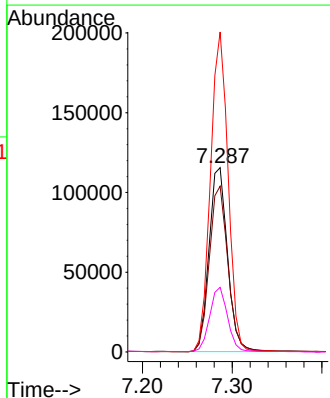
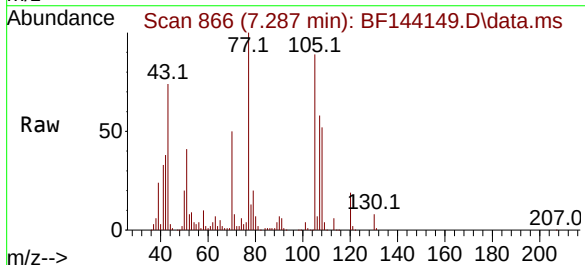
Ion	Ratio	Lower	Upper
70	100		
42	77.0	67.4	101.0
101	8.5	7.1	10.7
130	16.6	13.5	20.3

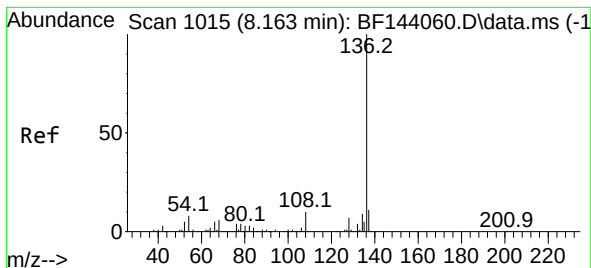


#20
3+4-Methylphenols
Concen: 45.846 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 107 Resp: 165016

Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.0	108.0
77	173.7	108.7	148.7#
79	35.0	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

Tgt Ion:136 Resp: 245703

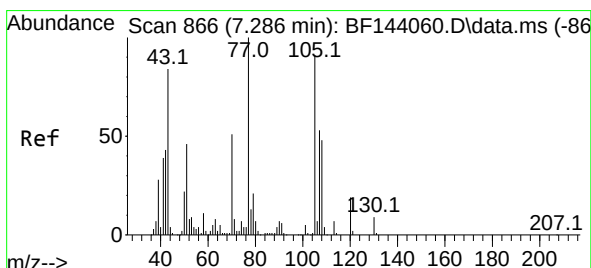
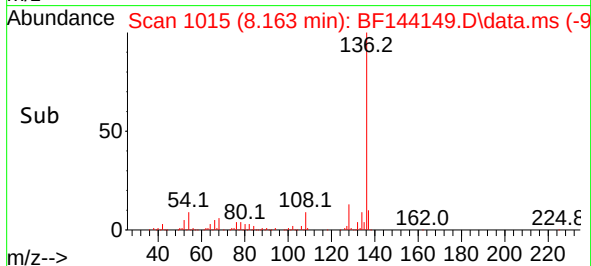
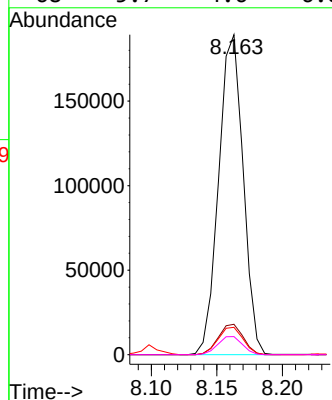
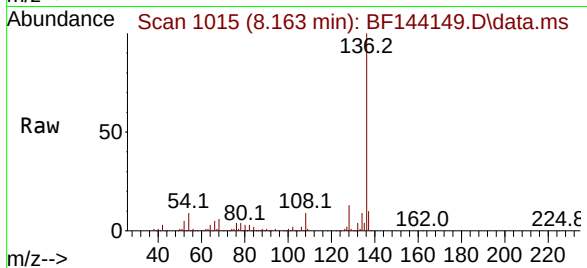
Ion Ratio Lower Upper

136 100

137 9.5 8.6 13.0

54 8.6 6.6 9.8

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 45.299 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Tgt Ion:105 Resp: 240537

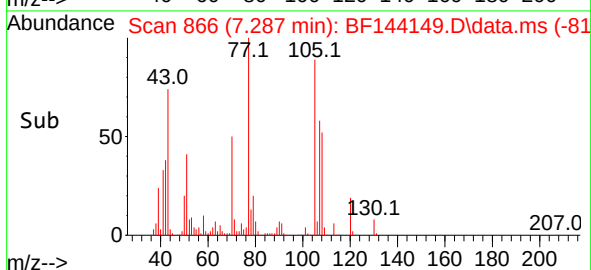
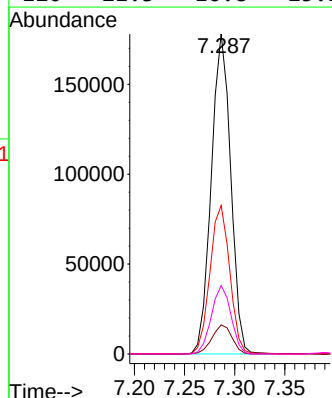
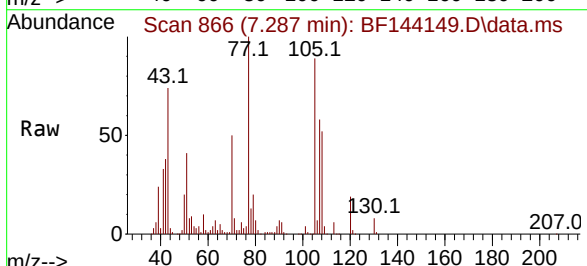
Ion Ratio Lower Upper

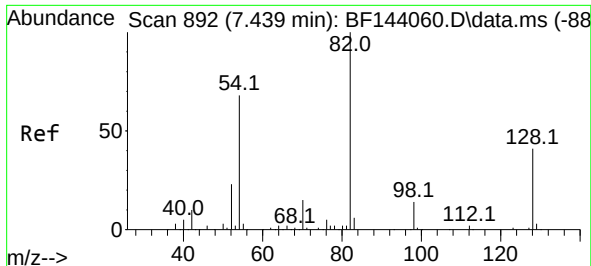
105 100

71 9.1 6.9 10.3

51 46.4 40.6 60.8

120 21.3 16.8 25.2

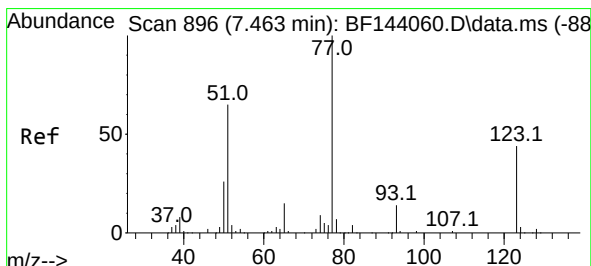
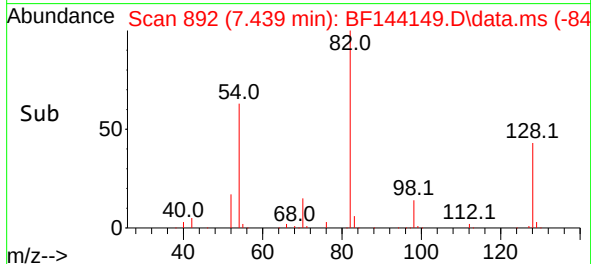
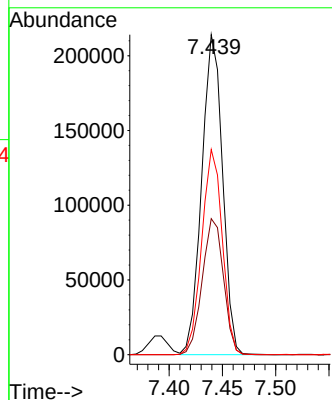
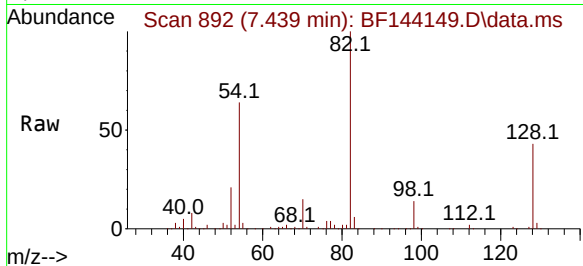




#23
Nitrobenzene-d5
Concen: 65.046 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

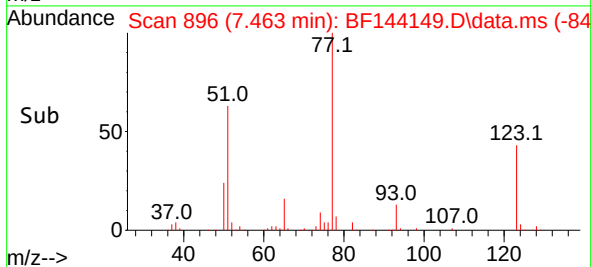
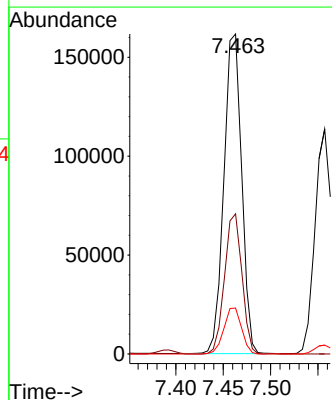
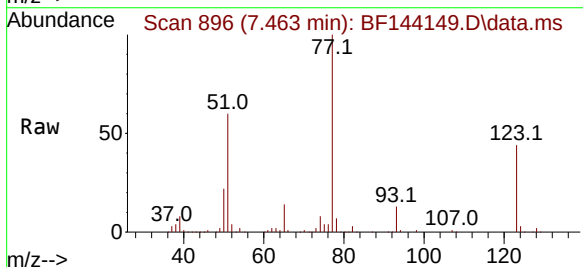
Instrument :
BNA_F
ClientSampleId :
TP5MS

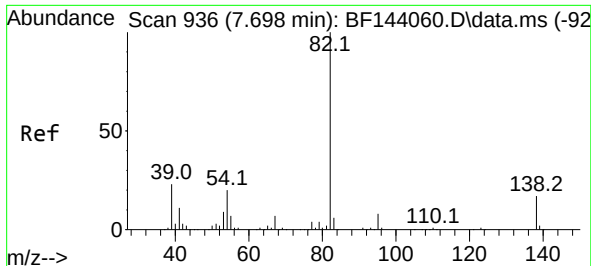
Tgt Ion: 82 Resp: 291712
Ion Ratio Lower Upper
82 100
128 42.5 32.4 48.6
54 64.1 54.0 81.0



#24
Nitrobenzene
Concen: 44.528 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 77 Resp: 211246
Ion Ratio Lower Upper
77 100
123 43.8 35.0 52.6
65 14.4 12.2 18.2

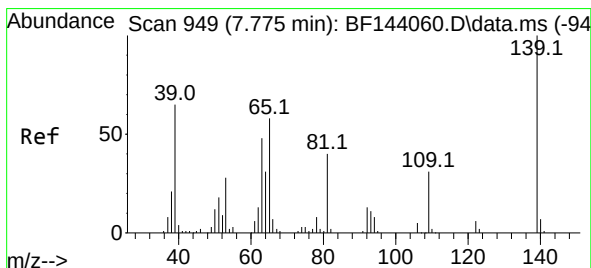
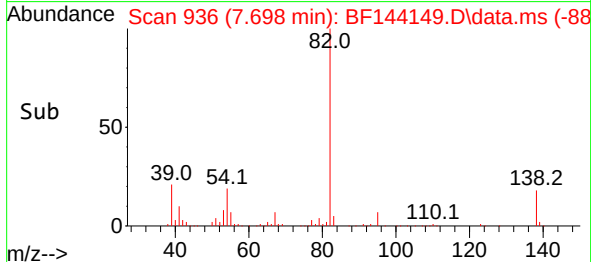
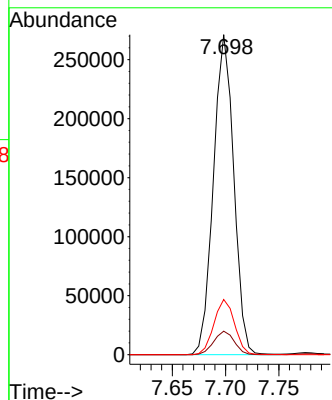
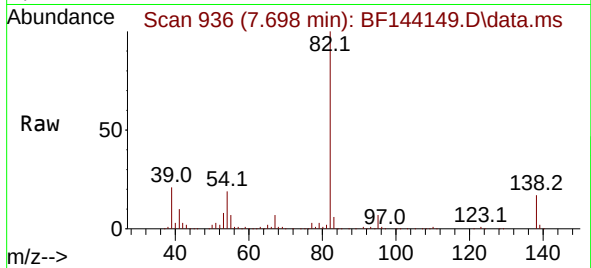




#25
Isophorone
Concen: 45.849 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

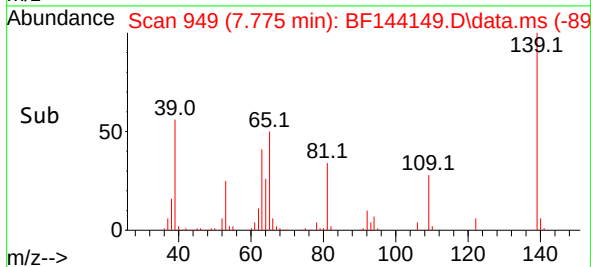
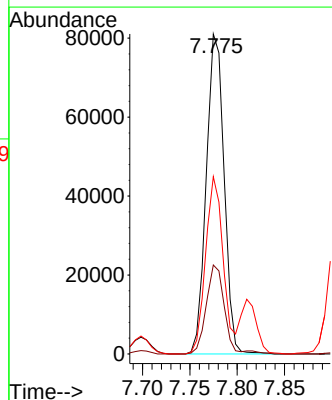
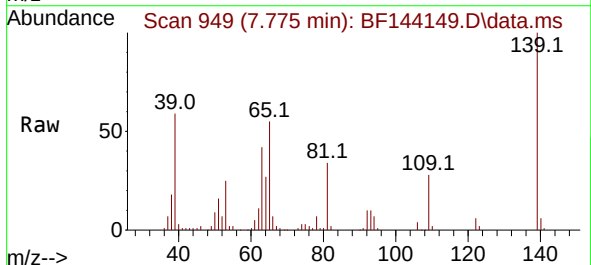
Instrument :
BNA_F
ClientSampleId :
TP5MS

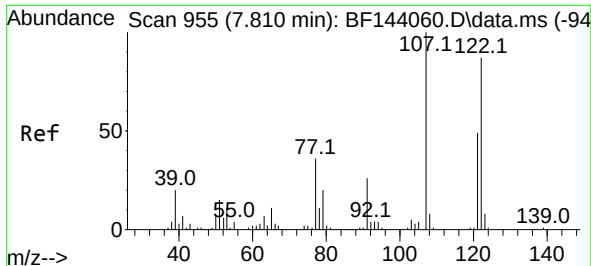
Tgt Ion: 82 Resp: 359486
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 17.2 13.8 20.8



#26
2-Nitrophenol
Concen: 46.912 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 139 Resp: 105874
Ion Ratio Lower Upper
139 100
109 27.8 24.6 37.0
65 55.4 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 49.481 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

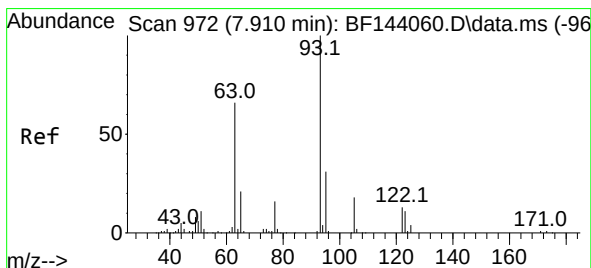
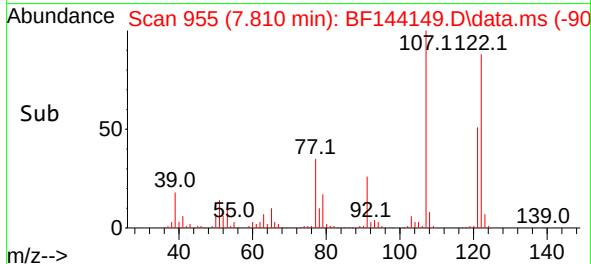
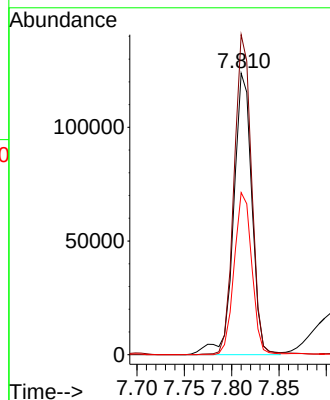
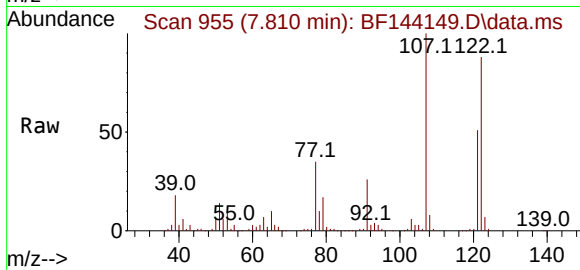
Tgt Ion:122 Resp: 165951

Ion Ratio Lower Upper

122 100

107 113.7 91.8 137.8

121 57.6 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.837 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

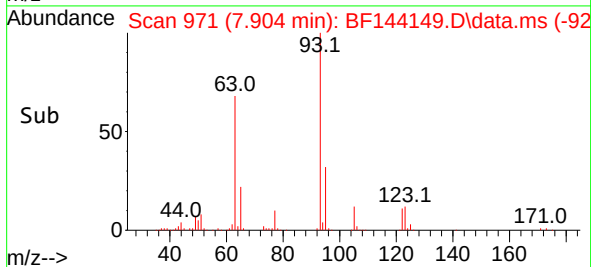
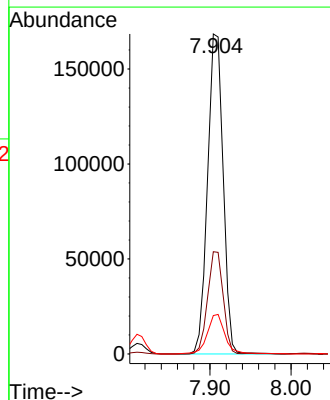
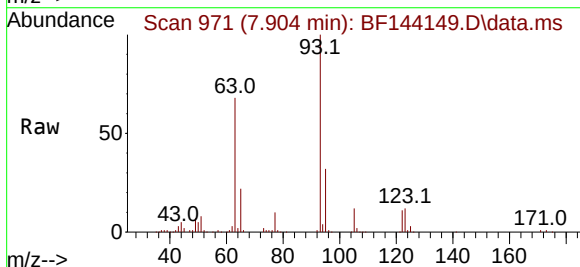
Tgt Ion: 93 Resp: 224126

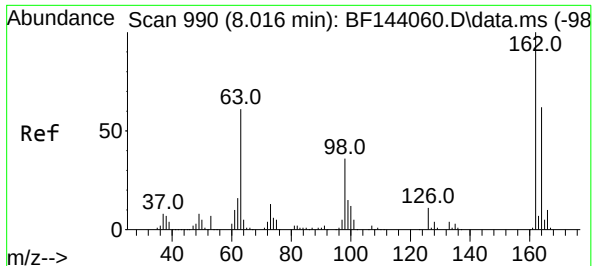
Ion Ratio Lower Upper

93 100

95 32.0 24.6 36.8

123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.474 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

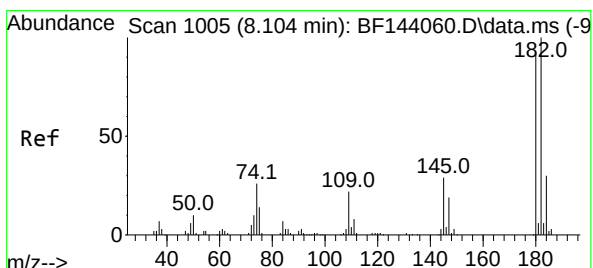
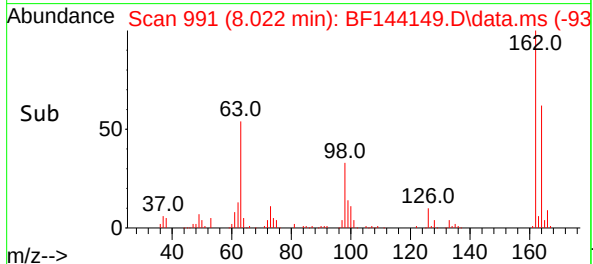
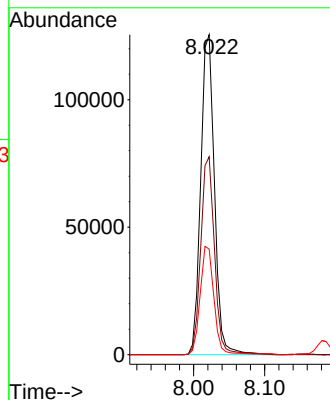
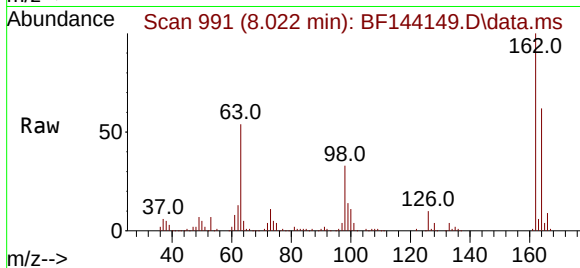
Tgt Ion:162 Resp: 169561

Ion Ratio Lower Upper

162 100

164 61.9 42.1 82.1

98 33.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 47.122 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

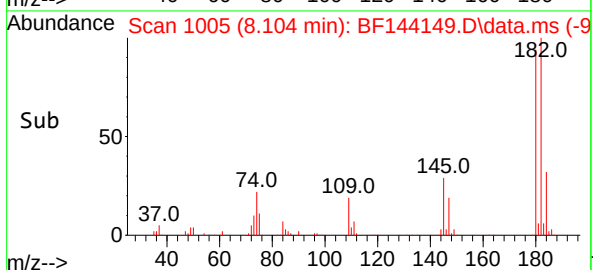
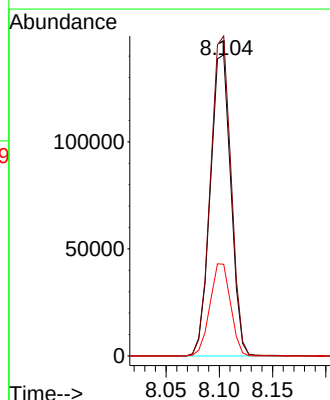
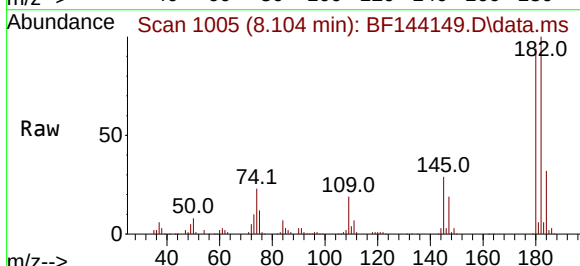
Tgt Ion:180 Resp: 189077

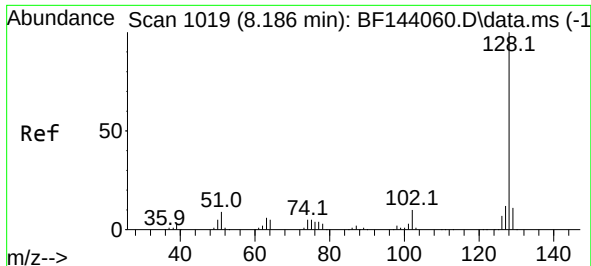
Ion Ratio Lower Upper

180 100

182 106.2 87.1 130.7

145 30.4 25.3 37.9

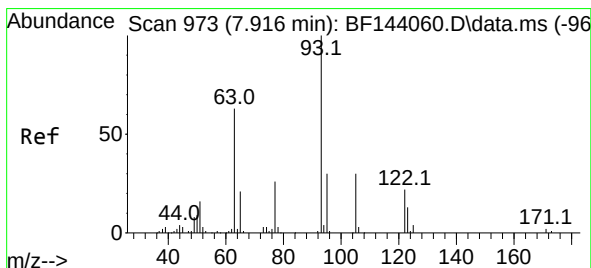
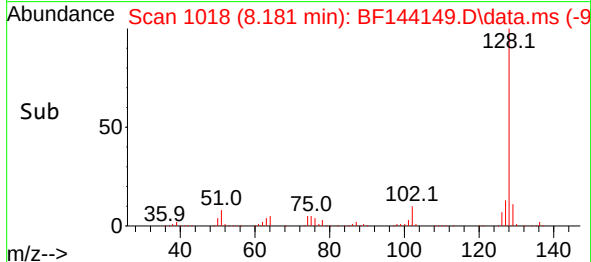
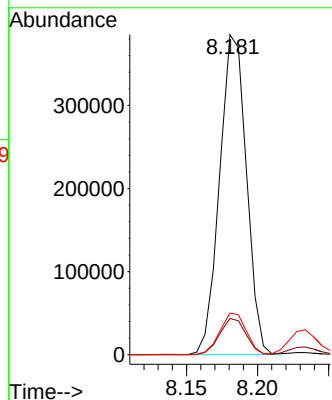
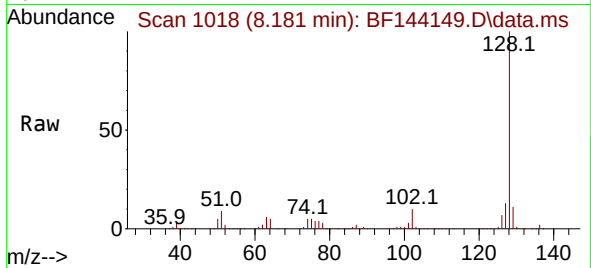




#31
Naphthalene
Concen: 43.594 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

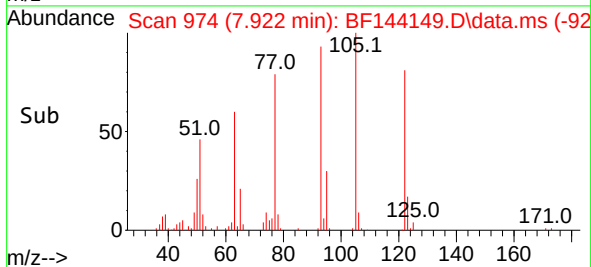
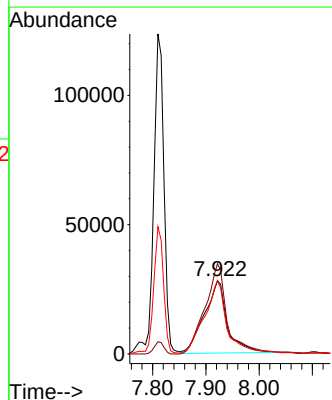
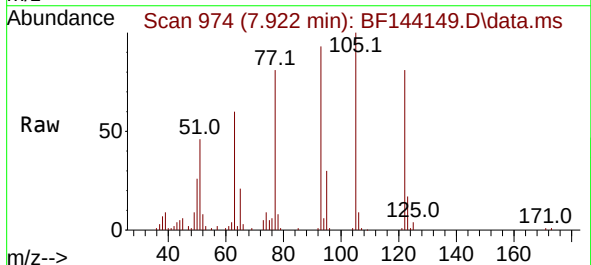
Instrument :
BNA_F
ClientSampleId :
TP5MS

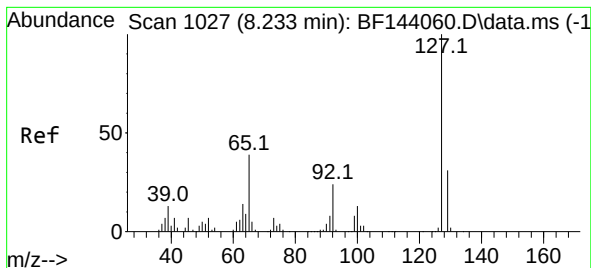
Tgt Ion:128 Resp: 505540
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 39.376 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:122 Resp: 83768
Ion Ratio Lower Upper
122 100
105 122.8 111.3 151.3
77 99.5 96.7 136.7





#33

4-Chloroaniline

Concen: 11.009 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

Tgt Ion:127 Resp: 44444

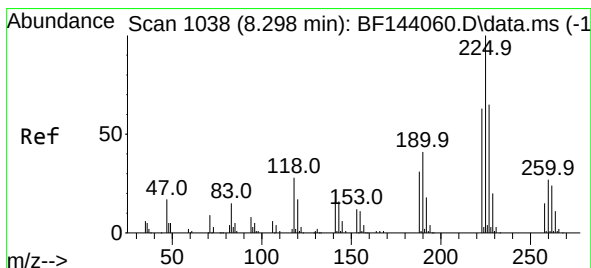
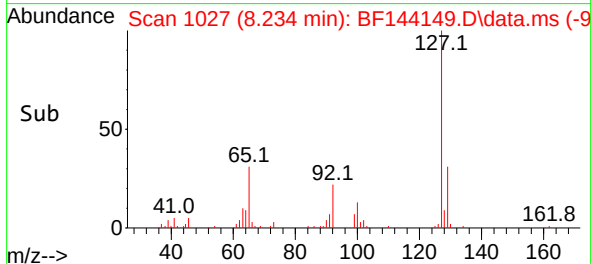
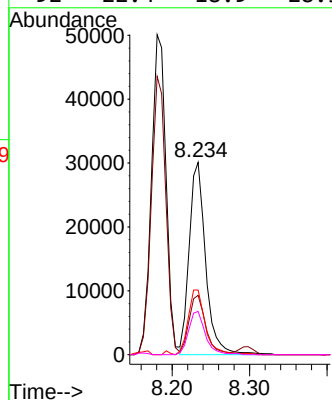
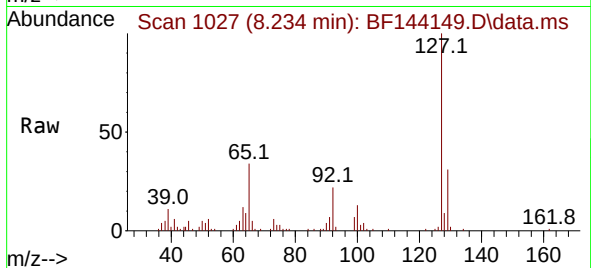
Ion Ratio Lower Upper

127 100

129 30.9 25.6 38.4

65 33.6 30.9 46.3

92 22.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 41.569 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

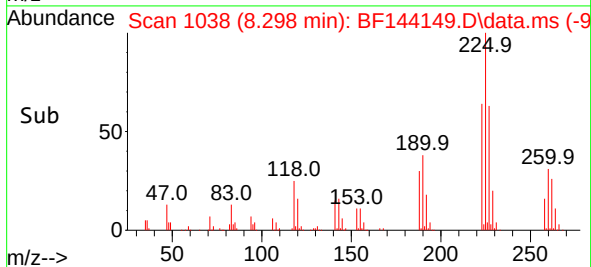
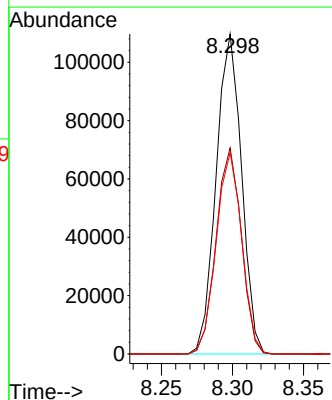
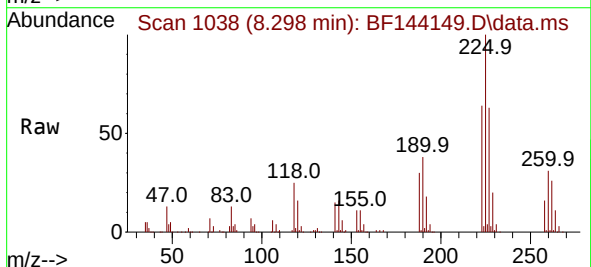
Tgt Ion:225 Resp: 136386

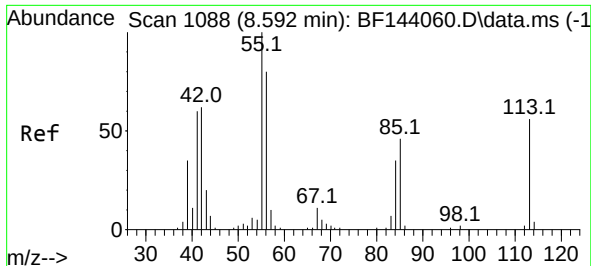
Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

227 62.9 51.8 77.8

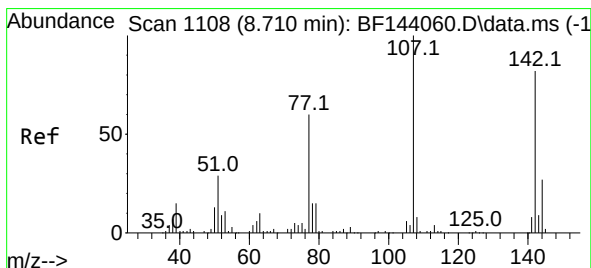
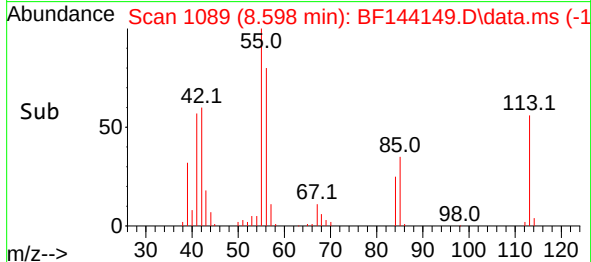
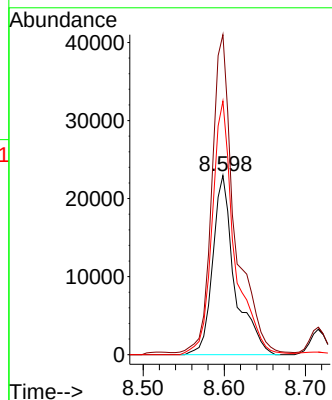
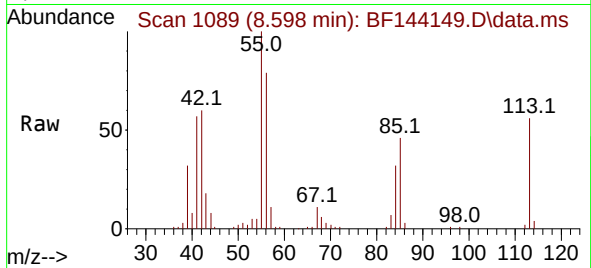




#35
 Caprolactam
 Concen: 44.329 ng
 RT: 8.598 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

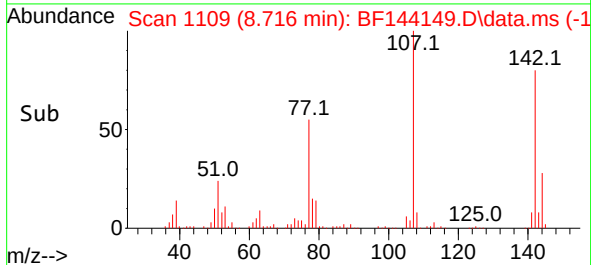
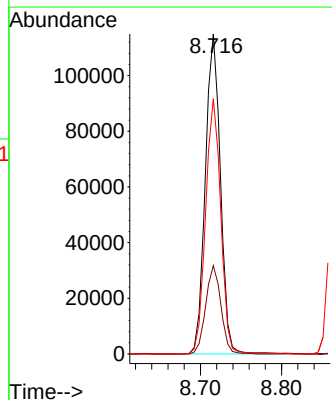
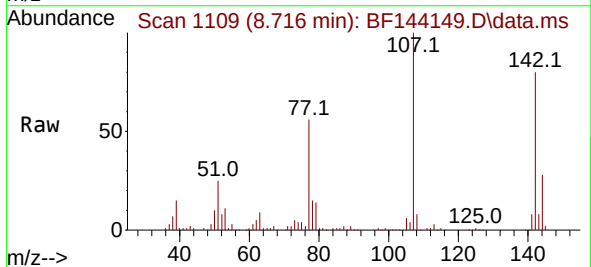
Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

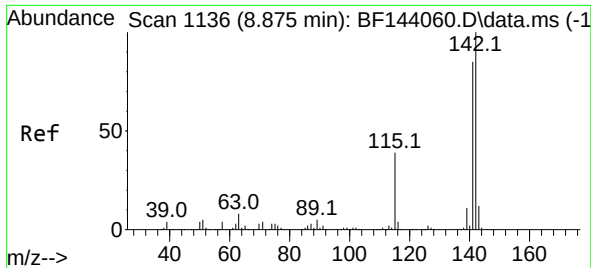
Tgt Ion:113 Resp: 43356
 Ion Ratio Lower Upper
 113 100
 55 178.5 160.1 200.1
 56 141.5 124.9 164.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.068 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion:107 Resp: 148236
 Ion Ratio Lower Upper
 107 100
 144 27.6 21.6 32.4
 142 79.7 65.4 98.0

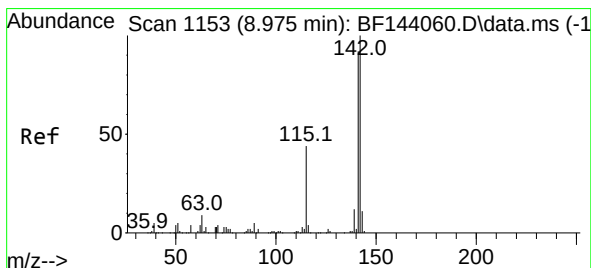
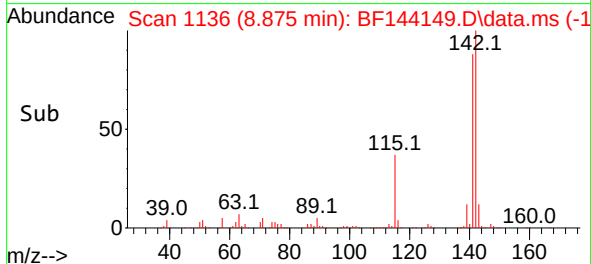
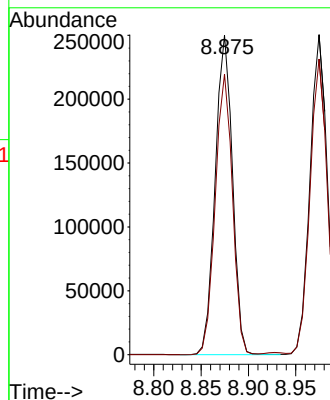
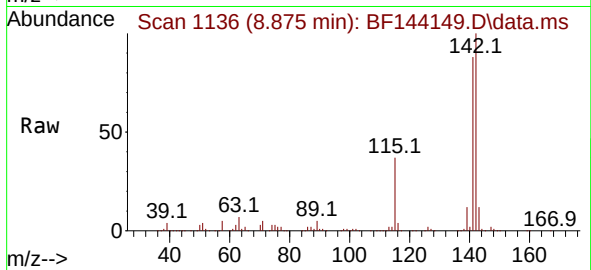




#37
2-Methylnaphthalene
Concen: 41.458 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

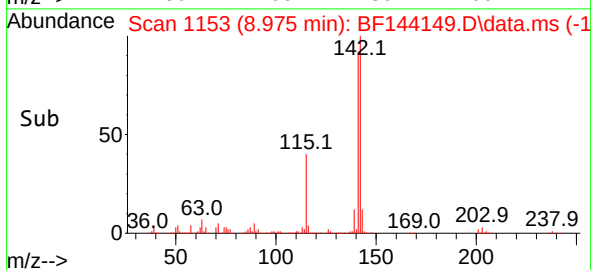
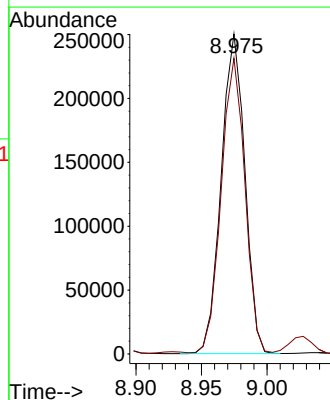
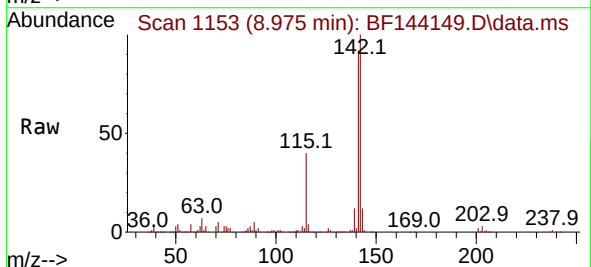
Instrument :
BNA_F
ClientSampleId :
TP5MS

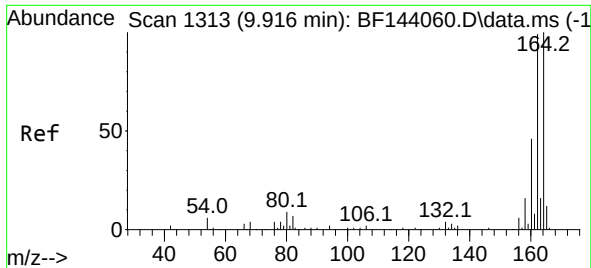
Tgt Ion:142 Resp: 316977
Ion Ratio Lower Upper
142 100
141 87.8 67.6 101.4



#38
1-Methylnaphthalene
Concen: 43.332 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:142 Resp: 313882
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2

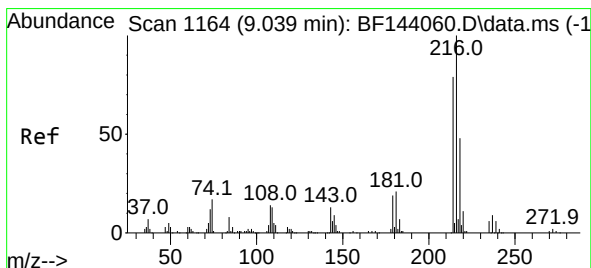
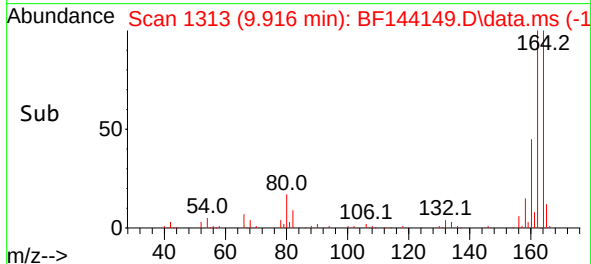
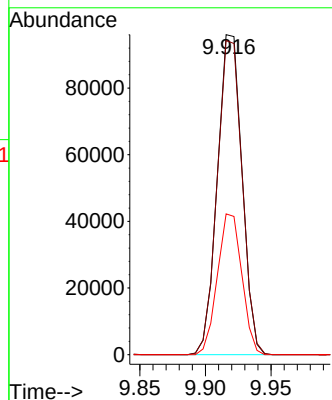
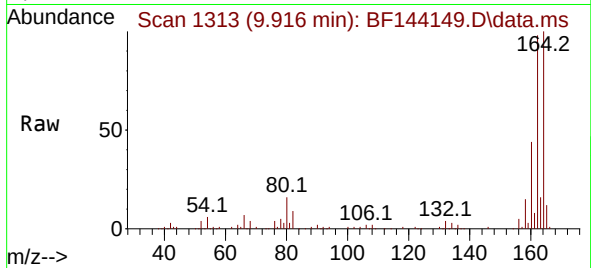




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

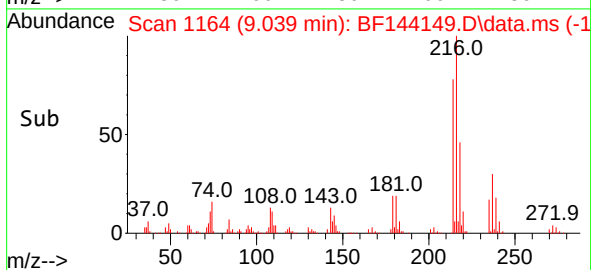
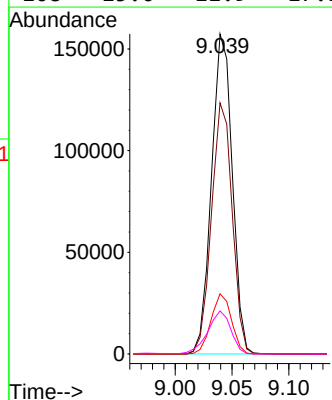
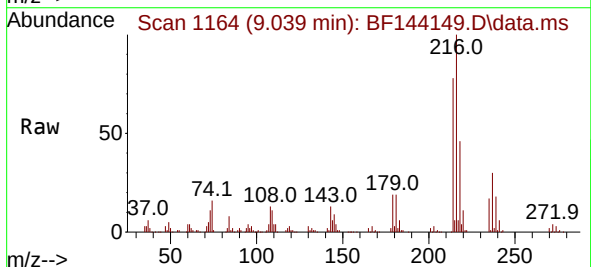
Instrument :
BNA_F
ClientSampleId :
TP5MS

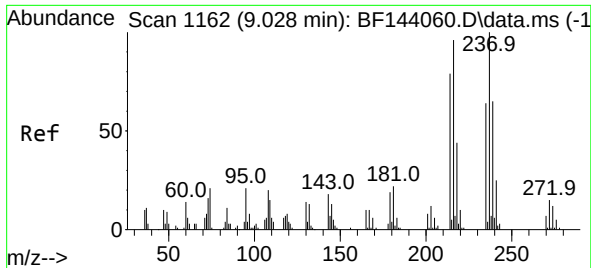
Tgt Ion:164 Resp: 125728
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.2
160 44.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.236 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:216 Resp: 199787
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 18.5 15.2 22.8
108 15.0 11.9 17.9

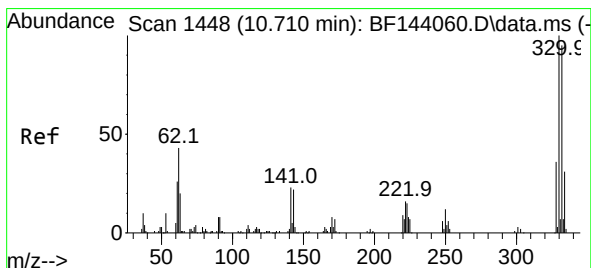
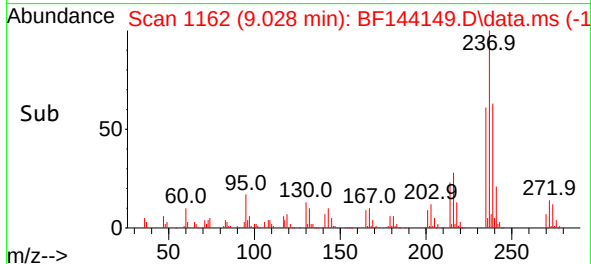
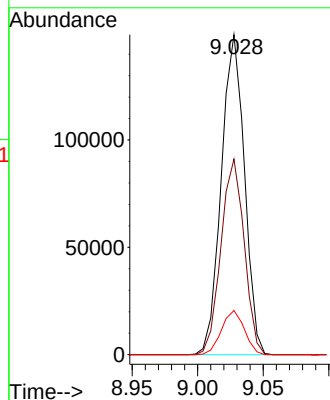
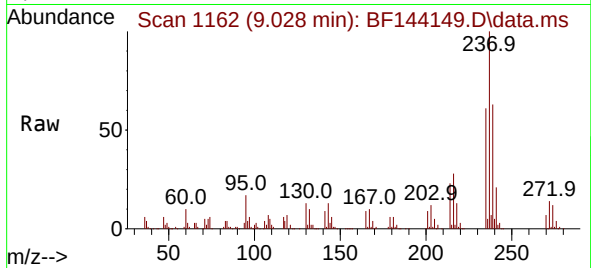




#41
Hexachlorocyclopentadiene
Concen: 136.844 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

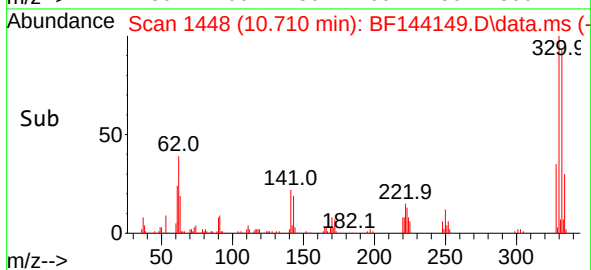
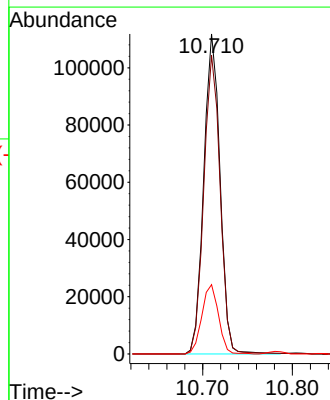
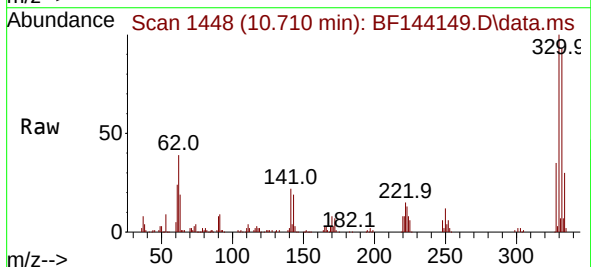
Instrument :
BNA_F
ClientSampleId :
TP5MS

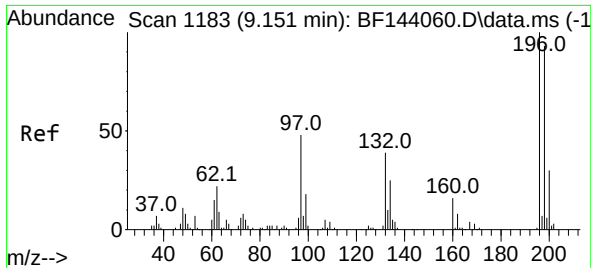
Tgt Ion:237 Resp: 182633
Ion Ratio Lower Upper
237 100
235 61.1 44.3 84.3
272 13.8 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 87.983 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:330 Resp: 140908
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 22.1 19.4 29.0

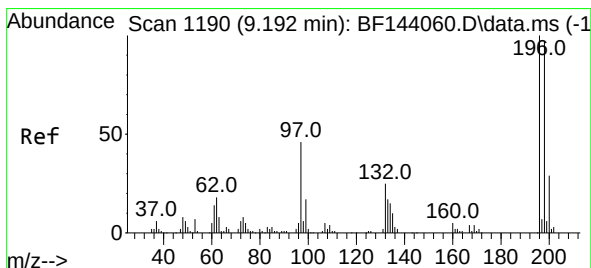
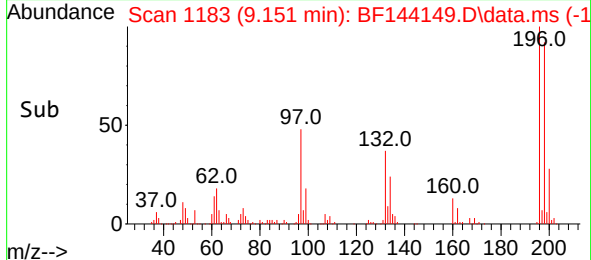
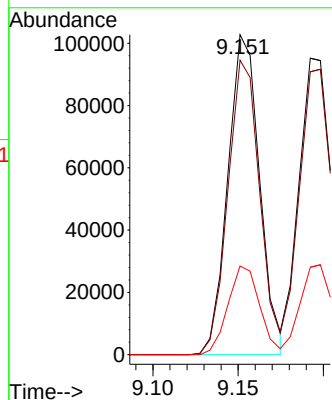
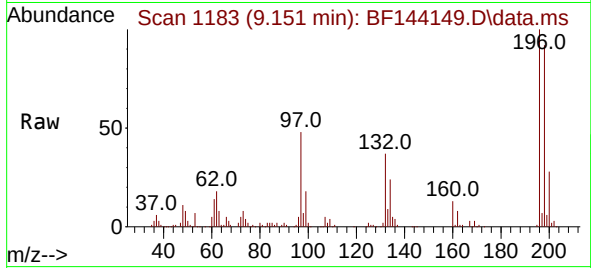




#43
2,4,6-Trichlorophenol
Concen: 47.285 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

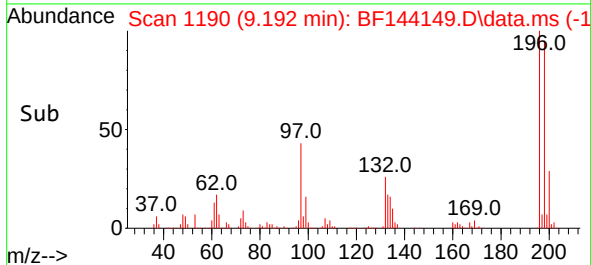
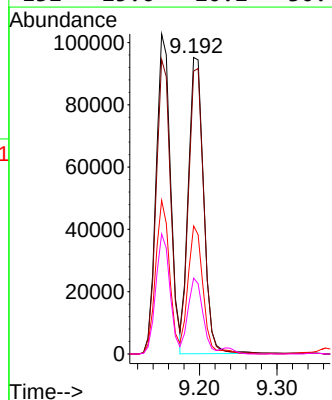
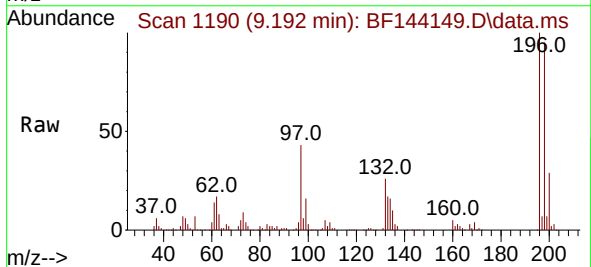
Instrument :
BNA_F
ClientSampleId :
TP5MS

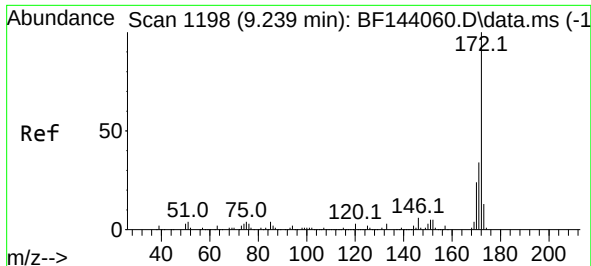
Tgt Ion:196 Resp: 132806
Ion Ratio Lower Upper
196 100
198 92.0 74.4 111.6
200 27.7 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 44.234 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:196 Resp: 130388
Ion Ratio Lower Upper
196 100
198 95.4 78.0 117.0
97 43.2 37.7 56.5
132 25.6 20.2 30.4

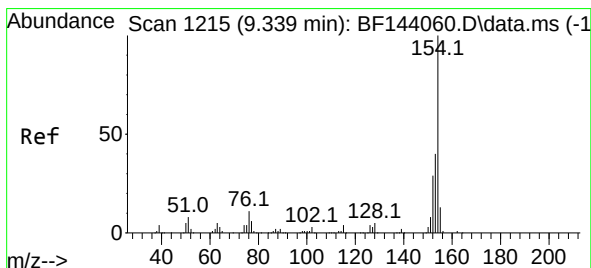
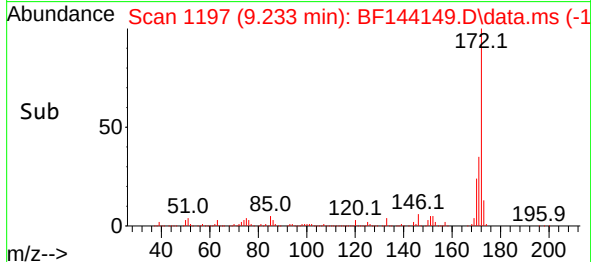
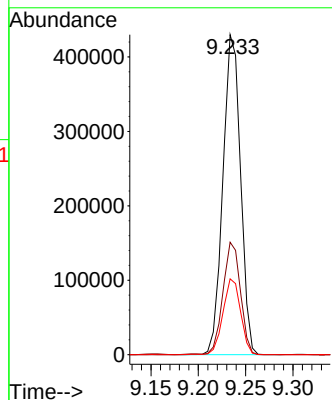
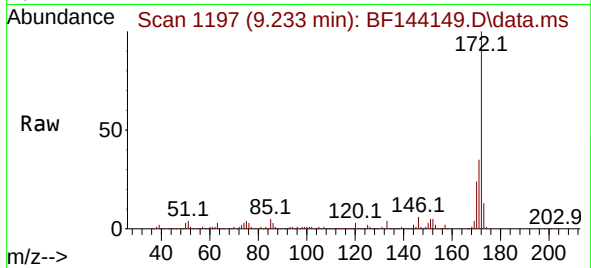




#45
2-Fluorobiphenyl
Concen: 62.390 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

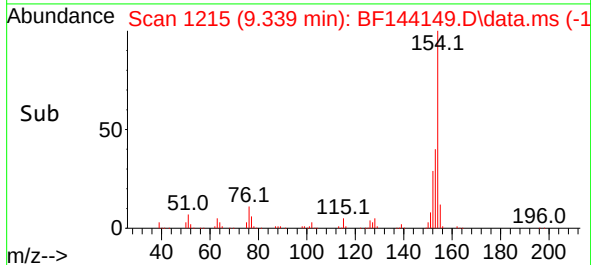
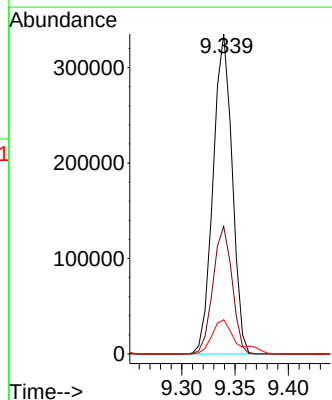
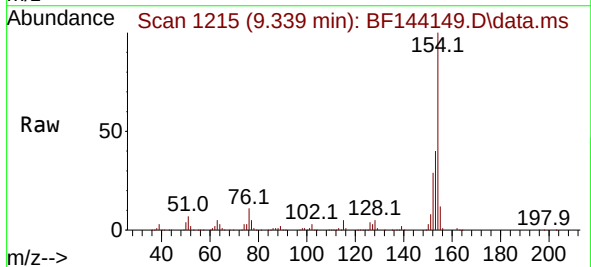
Instrument :
BNA_F
ClientSampleId :
TP5MS

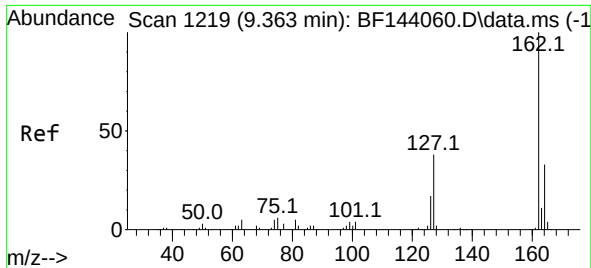
Tgt Ion:172 Resp: 557424
Ion Ratio Lower Upper
172 100
171 35.1 27.5 41.3
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 46.258 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:154 Resp: 416330
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 10.7 0.0 31.1

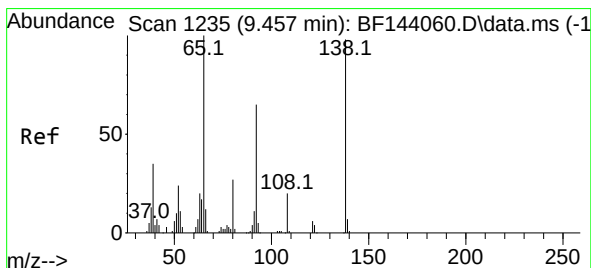
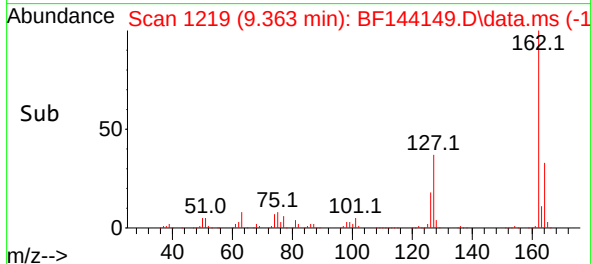
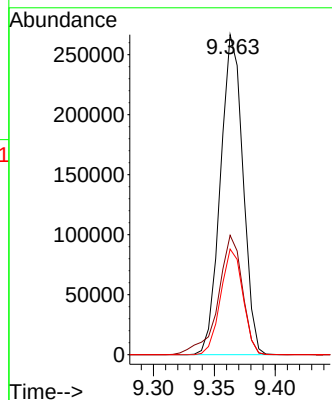
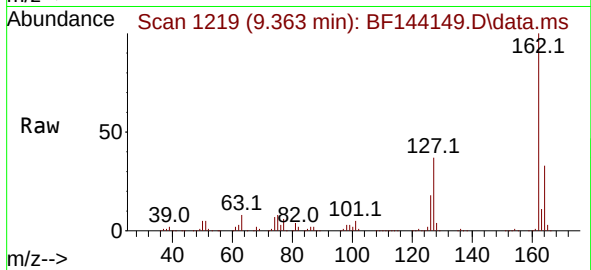




#47
2-Chloronaphthalene
Concen: 45.514 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

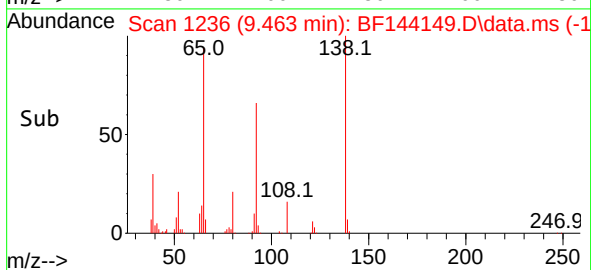
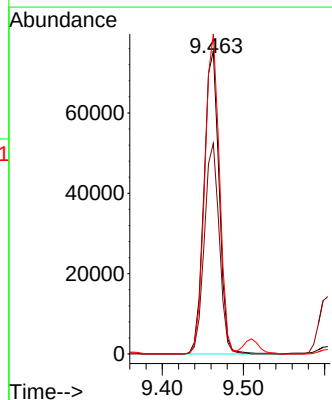
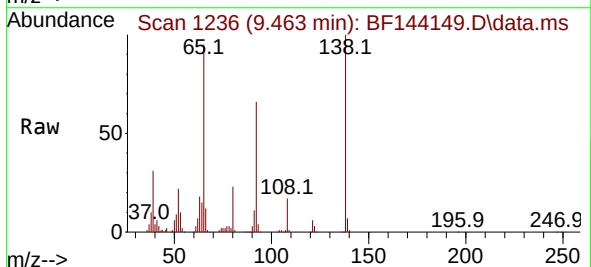
Instrument :
BNA_F
ClientSampleId :
TP5MS

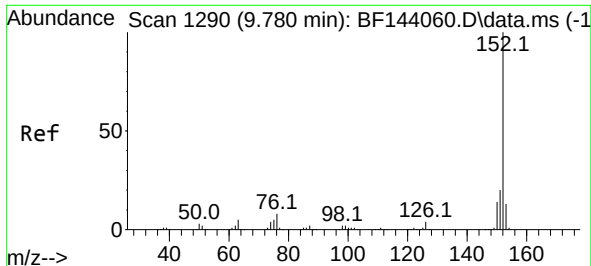
Tgt Ion:162 Resp: 343186
Ion Ratio Lower Upper
162 100
127 37.3 31.6 47.4
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 43.487 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion: 65 Resp: 97369
Ion Ratio Lower Upper
65 100
92 69.6 52.3 78.5
138 105.7 78.3 117.5





#49

Acenaphthylene

Concen: 51.902 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

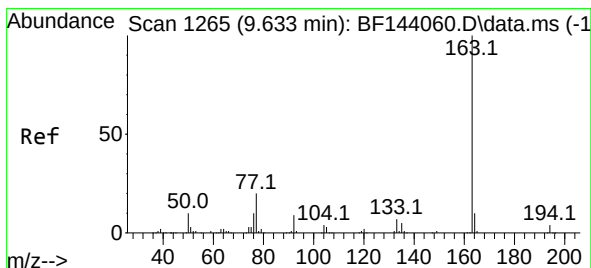
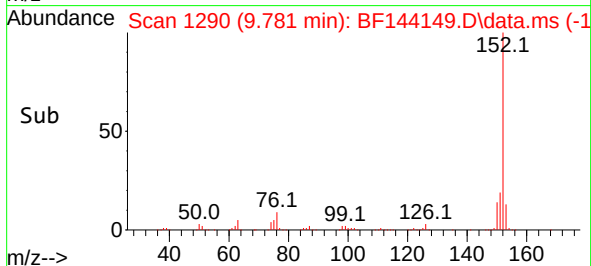
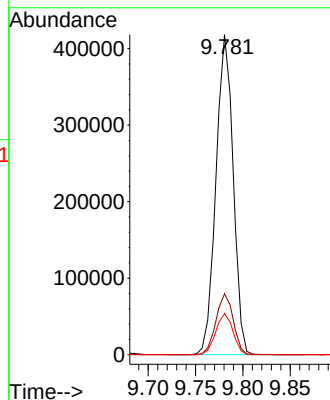
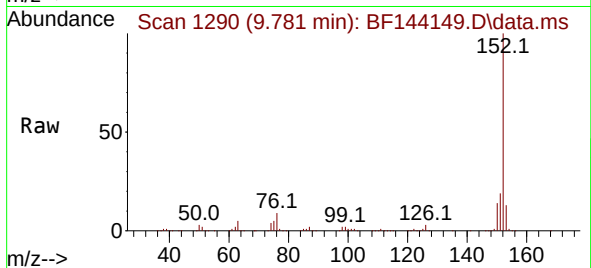
Tgt Ion:152 Resp: 527676

Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 45.734 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

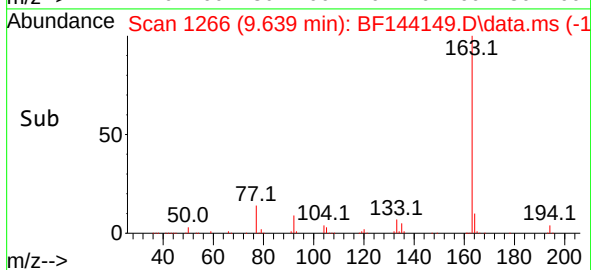
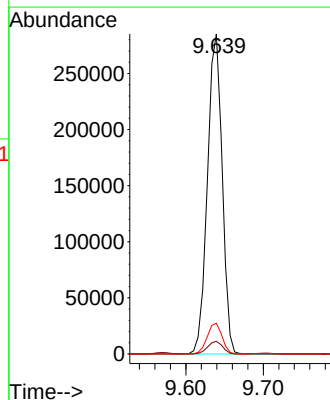
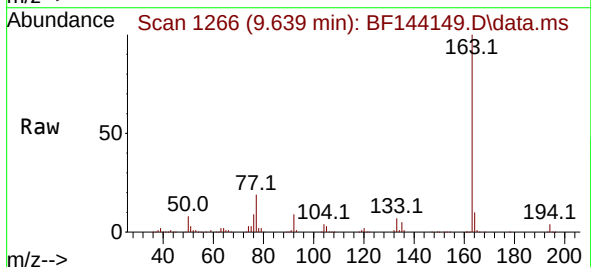
Tgt Ion:163 Resp: 376906

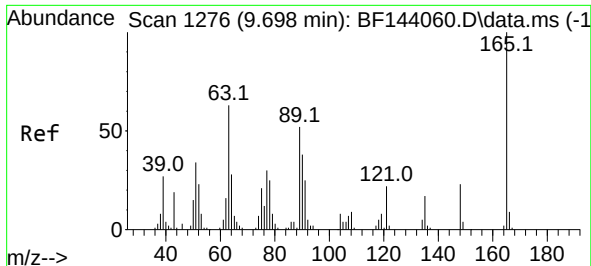
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 9.6 7.8 11.8

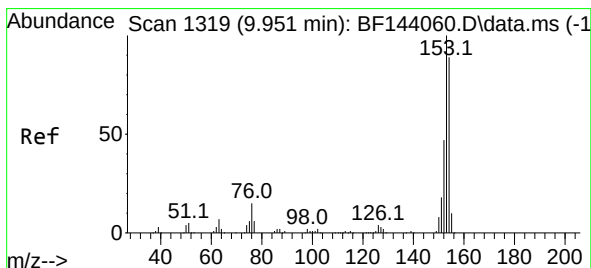
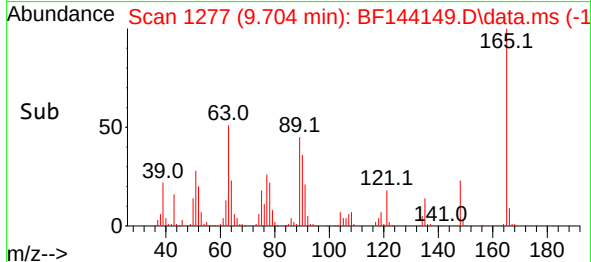
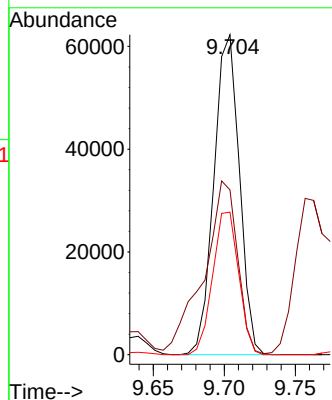
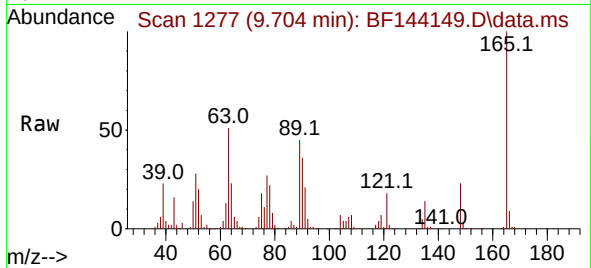




#51
2,6-Dinitrotoluene
Concen: 47.718 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

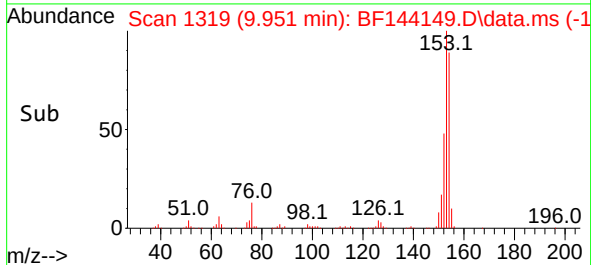
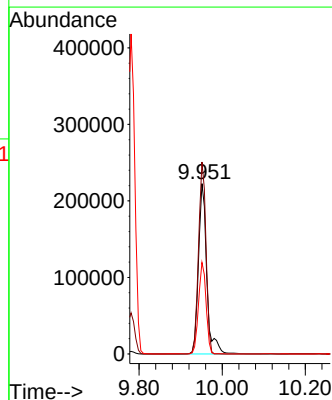
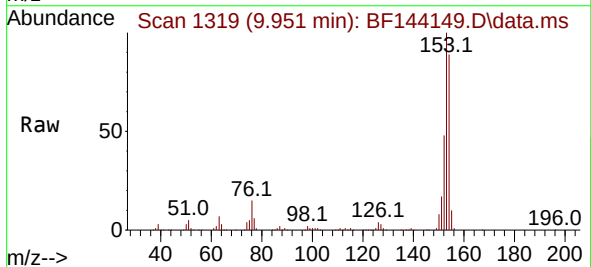
Instrument :
BNA_F
ClientSampleId :
TP5MS

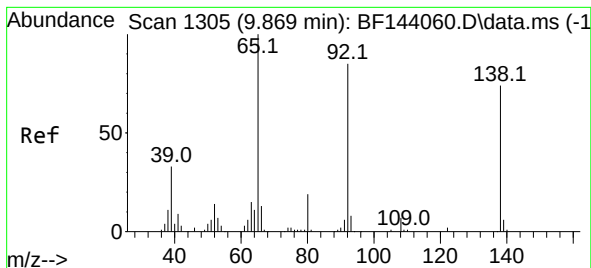
Tgt Ion:165 Resp: 77743
Ion Ratio Lower Upper
165 100
63 51.5 50.4 75.6
89 44.5 41.4 62.2



#52
Acenaphthene
Concen: 45.646 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:154 Resp: 309931
Ion Ratio Lower Upper
154 100
153 112.6 89.9 134.9
152 53.7 42.0 63.0





#53

3-Nitroaniline

Concen: 19.603 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

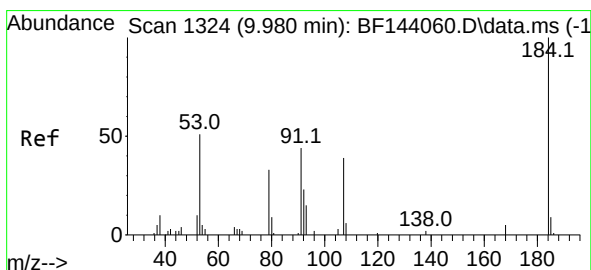
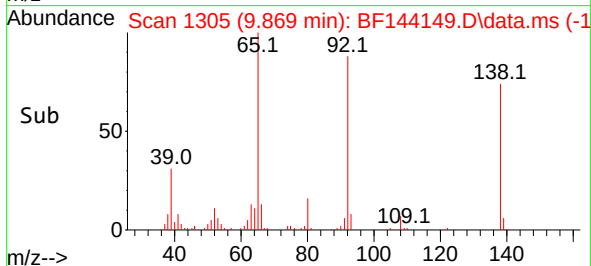
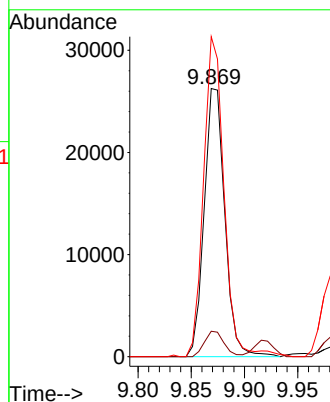
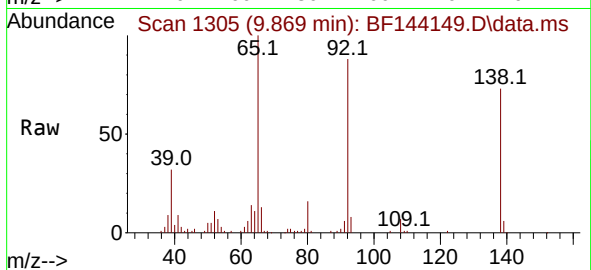
Tgt Ion:138 Resp: 35509

Ion Ratio Lower Upper

138 100

108 9.5 7.9 11.9

92 119.3 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 60.804 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

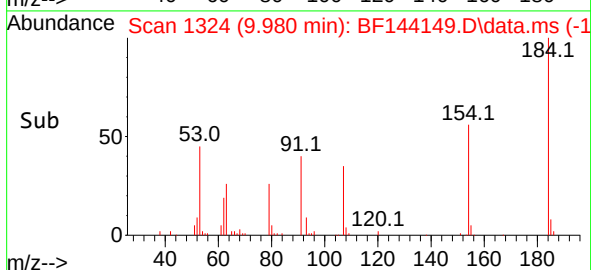
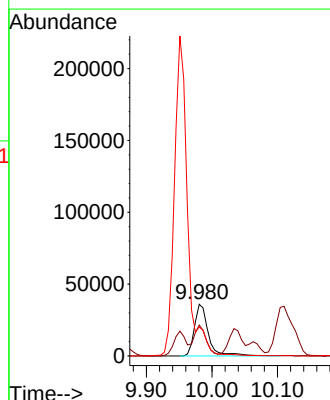
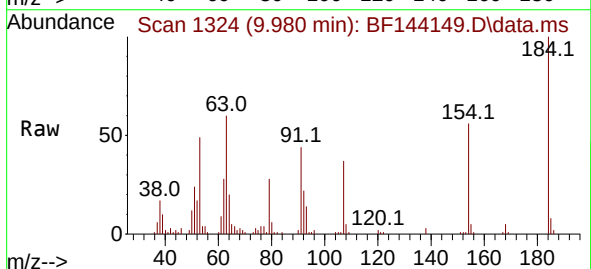
Tgt Ion:184 Resp: 53579

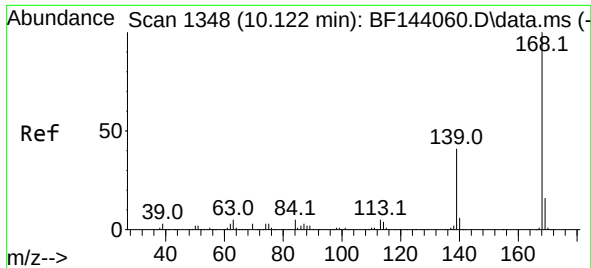
Ion Ratio Lower Upper

184 100

63 59.6 52.1 78.1

154 56.1 47.9 71.9

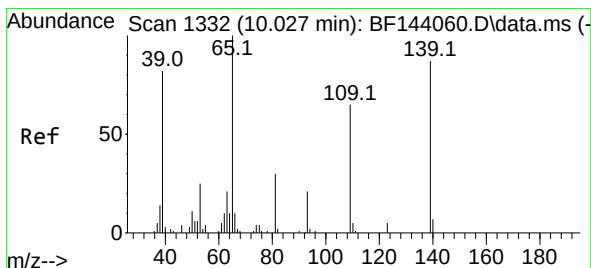
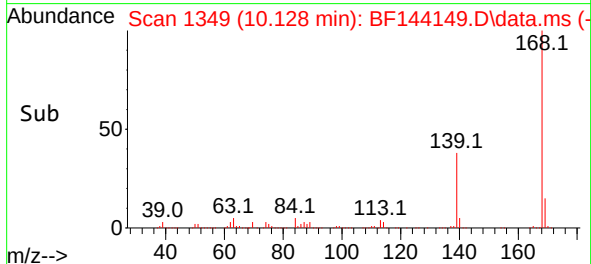
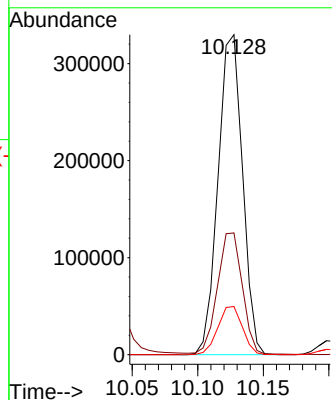
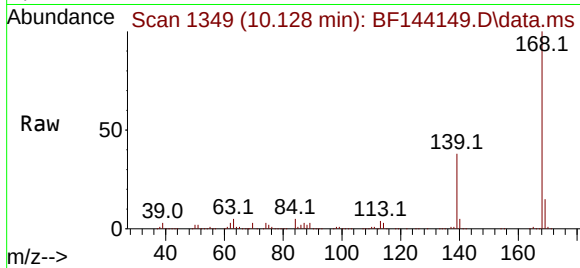




#55
Dibenzofuran
Concen: 45.368 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

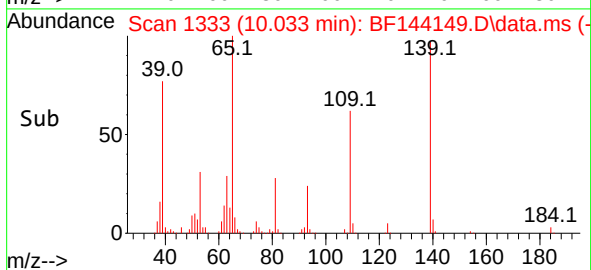
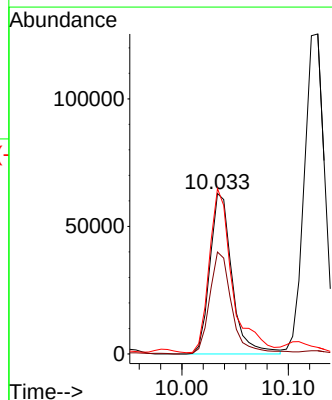
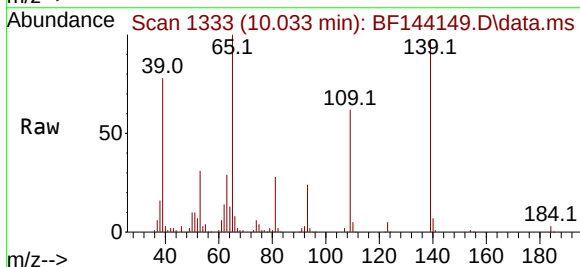
Instrument :
BNA_F
ClientSampleId :
TP5MS

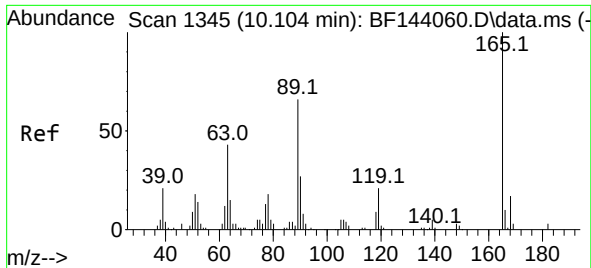
Tgt Ion:168 Resp: 427644
Ion Ratio Lower Upper
168 100
139 38.0 33.2 49.8
169 15.1 12.6 19.0



#56
4-Nitrophenol
Concen: 74.239 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:139 Resp: 91062
Ion Ratio Lower Upper
139 100
109 63.5 53.8 93.8
65 103.1 95.9 135.9

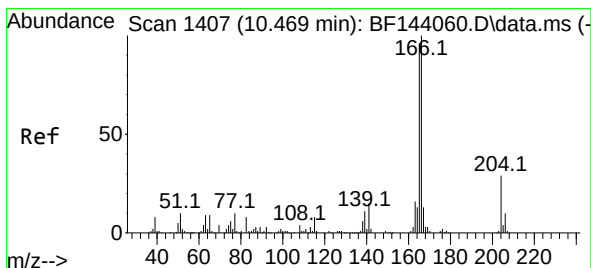
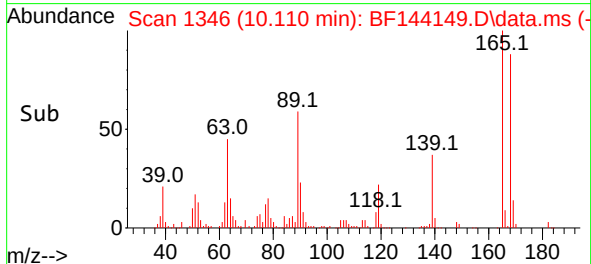
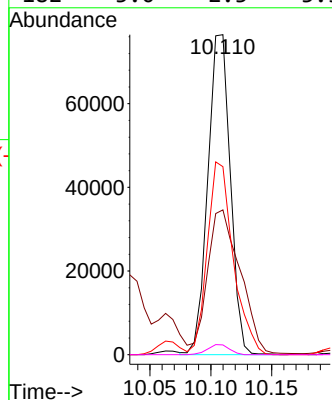
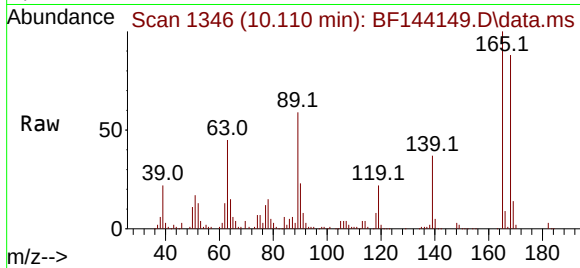




#57
2,4-Dinitrotoluene
Concen: 44.853 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

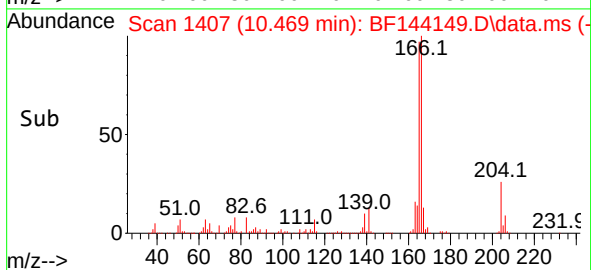
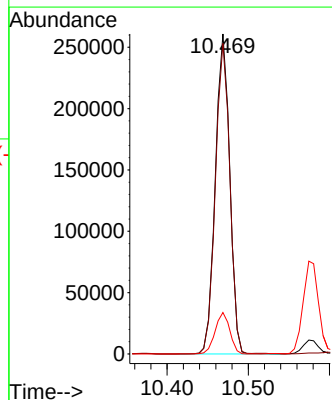
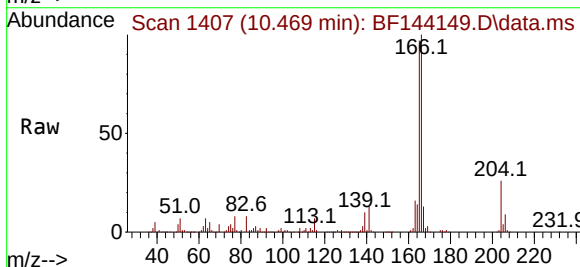
Instrument :
BNA_F
ClientSampleId :
TP5MS

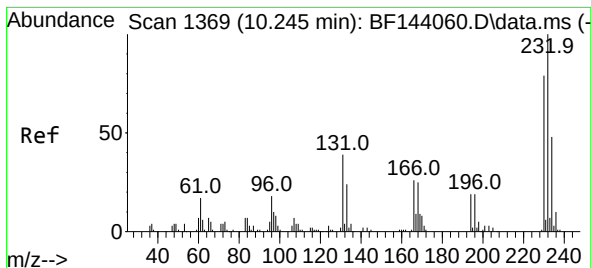
Tgt Ion:165 Resp: 98626
Ion Ratio Lower Upper
165 100
63 45.2 35.4 53.2
89 58.7 52.7 79.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 44.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:166 Resp: 322058
Ion Ratio Lower Upper
166 100
165 97.1 77.0 115.4
167 12.9 10.2 15.4

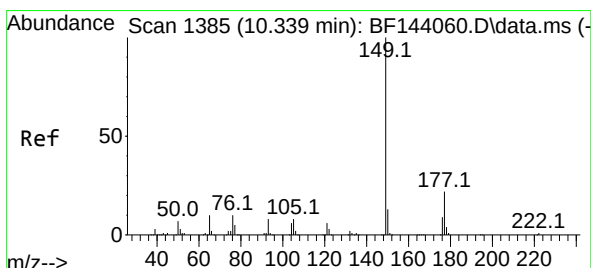
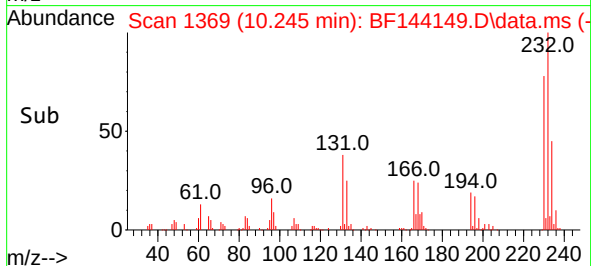
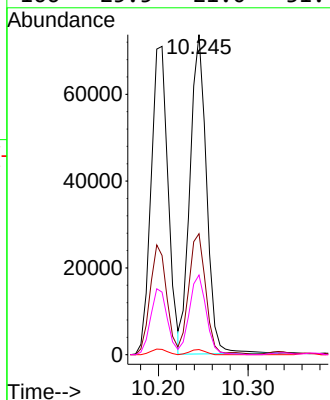
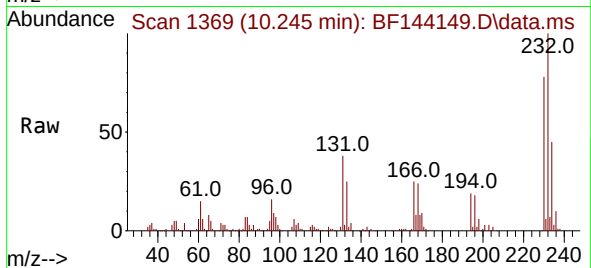




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.175 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

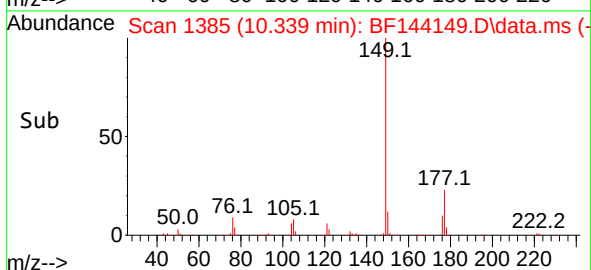
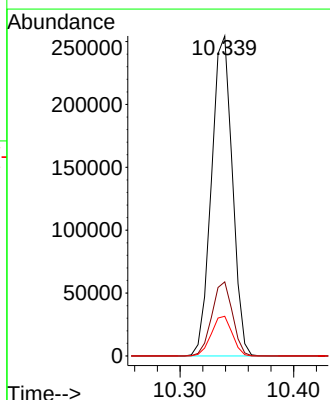
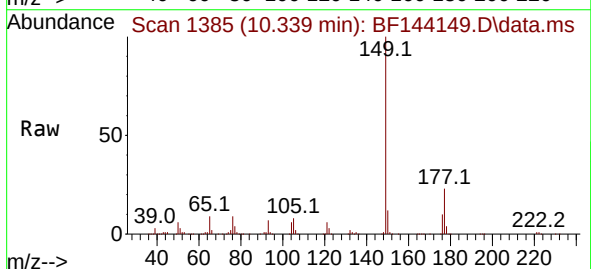
Instrument :
BNA_F
ClientSampleId :
TP5MS

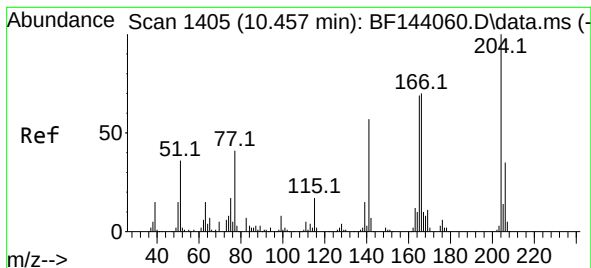
Tgt Ion:232 Resp: 93836
Ion Ratio Lower Upper
232 100
131 38.6 31.9 47.9
130 1.6 1.1 1.7
166 25.5 21.0 31.4



#60
Diethylphthalate
Concen: 41.919 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:149 Resp: 324879
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.6
150 12.4 10.1 15.1

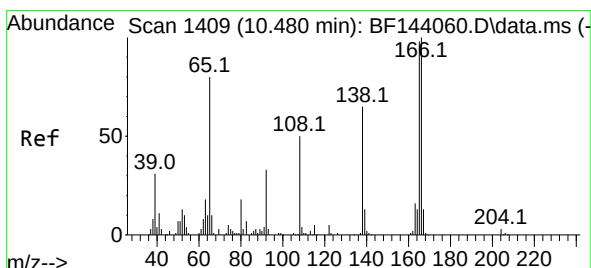
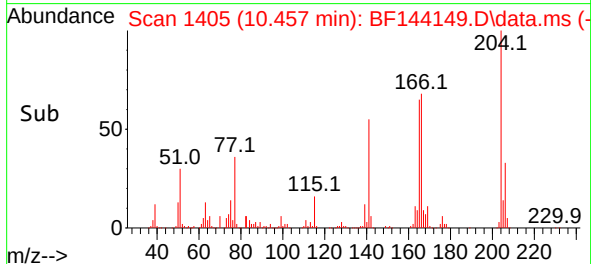
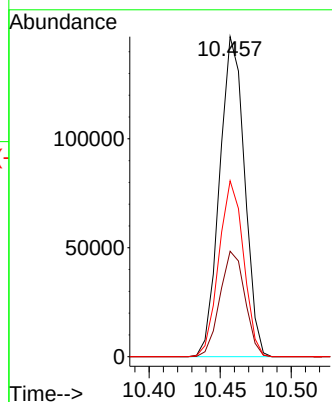
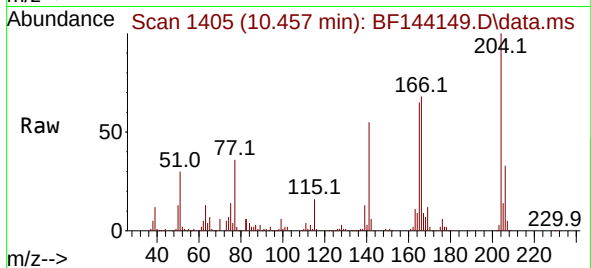




#61
4-Chlorophenyl-phenylether
Concen: 44.519 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

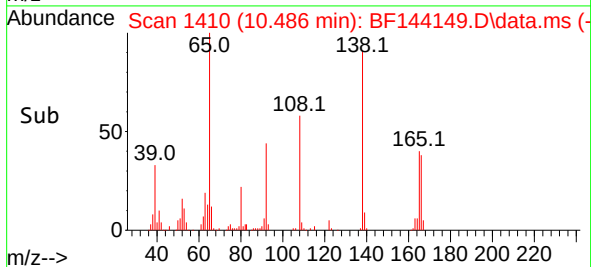
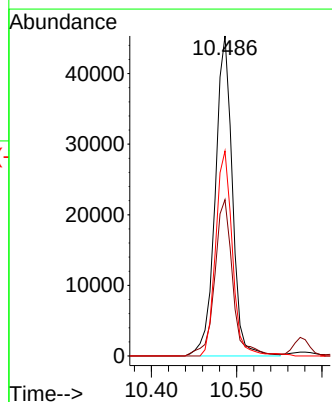
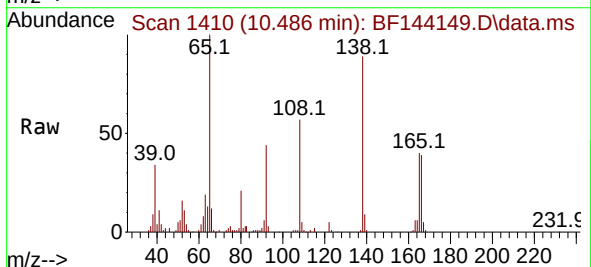
Instrument :
BNA_F
ClientSampleId :
TP5MS

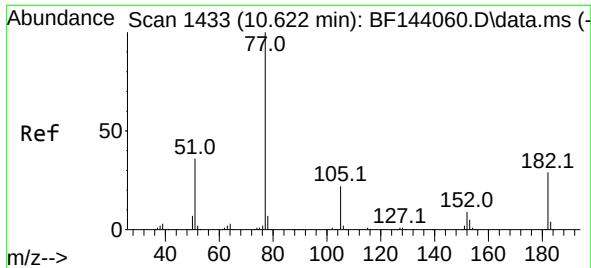
Tgt Ion:204 Resp: 179814
Ion Ratio Lower Upper
204 100
206 33.0 27.8 41.6
141 54.9 45.4 68.2



#62
4-Nitroaniline
Concen: 36.941 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:138 Resp: 63401
Ion Ratio Lower Upper
138 100
92 48.8 30.5 70.5
108 64.0 56.2 96.2

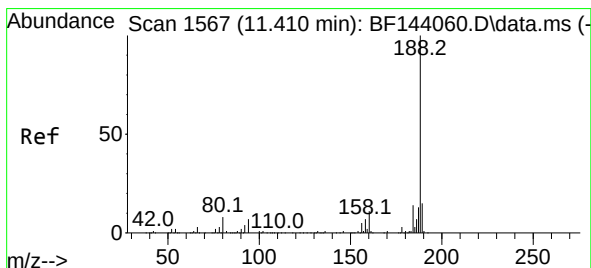
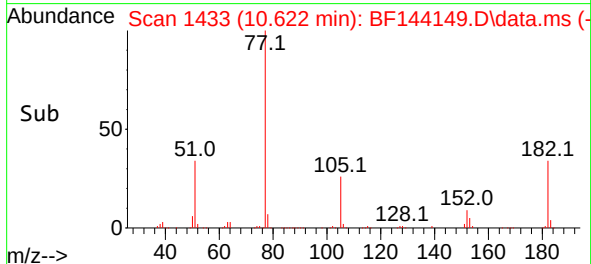
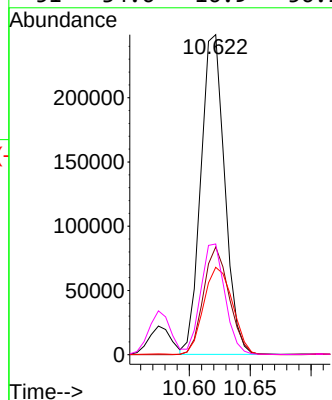
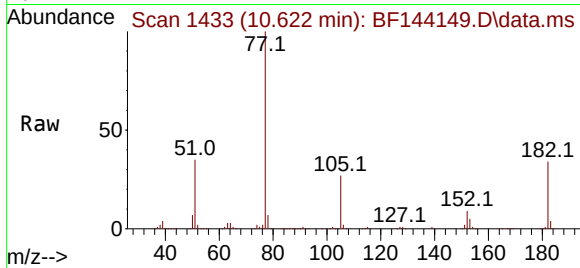




#63
Azobenzene
Concen: 46.211 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

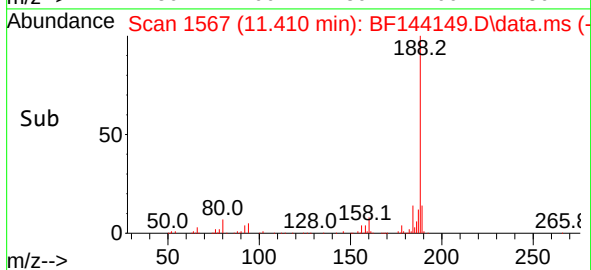
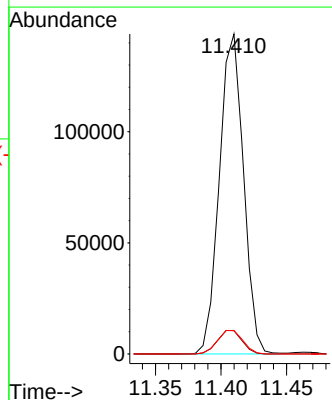
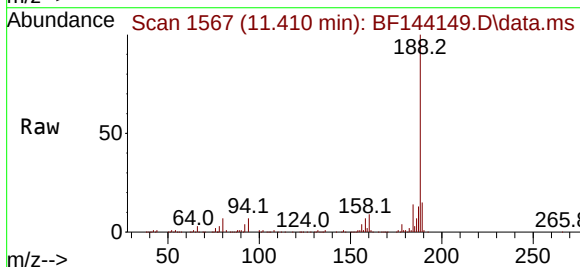
Instrument :
BNA_F
ClientSampleId :
TP5MS

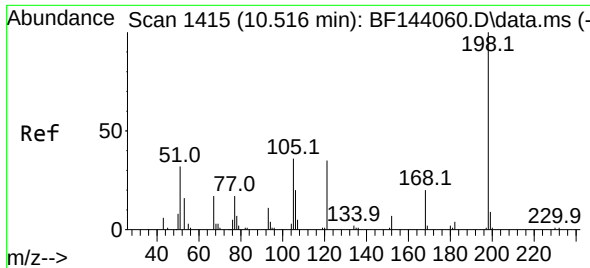
Tgt Ion: 77	Resp: 338977
Ion Ratio	Lower Upper
77 100	
182 33.6	9.0 49.0
105 27.3	1.4 41.4
51 34.6	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:188	Resp: 184113
Ion Ratio	Lower Upper
188 100	
94 7.2	5.4 8.0
80 7.4	6.0 9.0

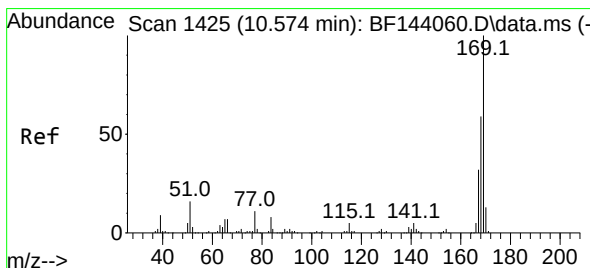
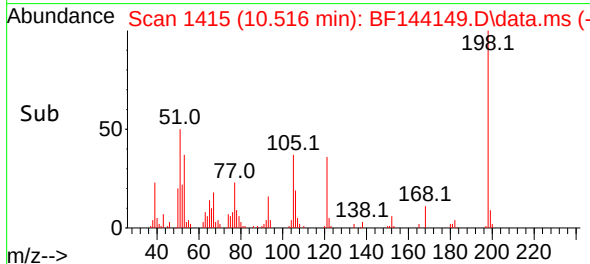
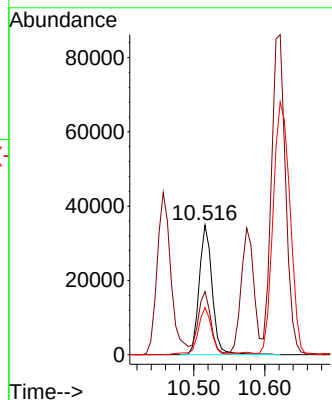
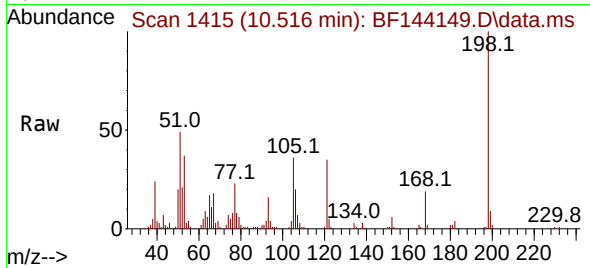




#65
4,6-Dinitro-2-methylphenol
Concen: 37.753 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

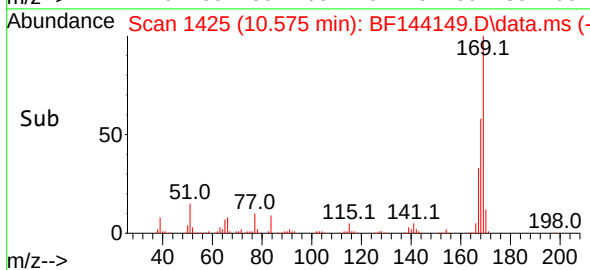
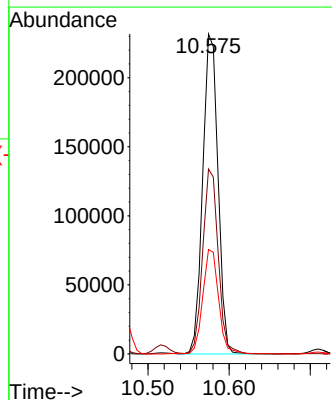
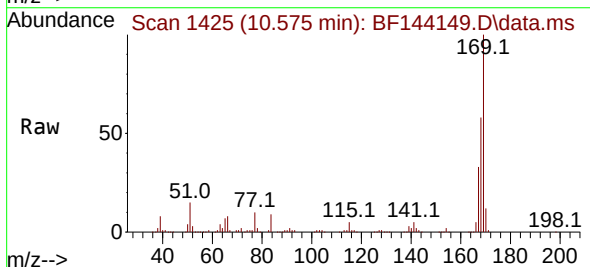
Instrument :
BNA_F
ClientSampleId :
TP5MS

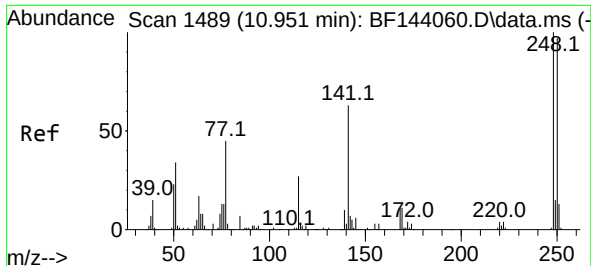
Tgt Ion:198 Resp: 44596
Ion Ratio Lower Upper
198 100
51 48.7 25.8 65.8
105 36.3 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 51.420 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:169 Resp: 302477
Ion Ratio Lower Upper
169 100
168 57.8 47.4 71.2
167 32.6 25.5 38.3

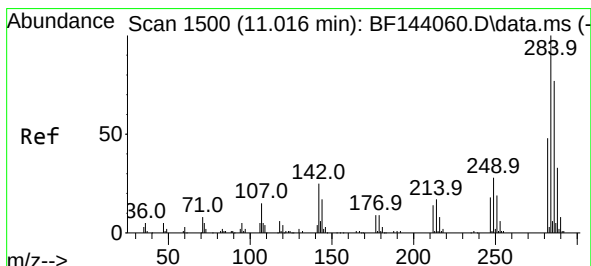
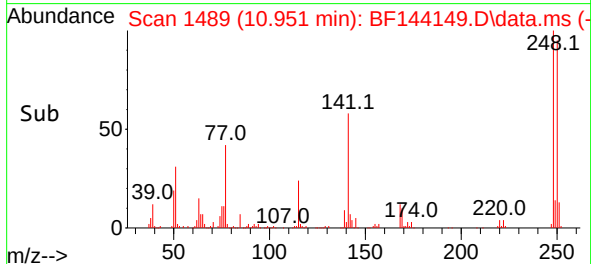
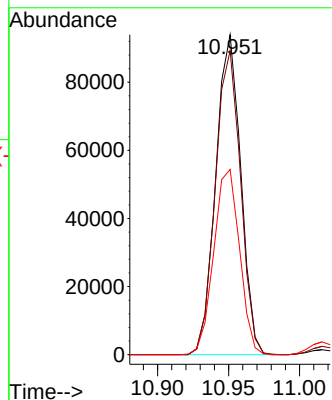
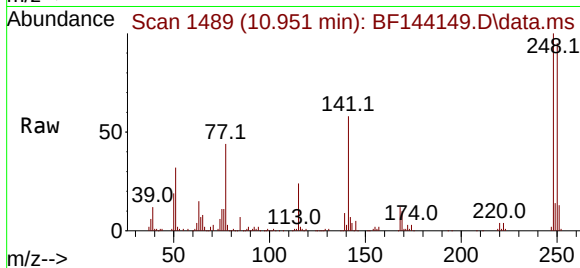




#67
4-Bromophenyl-phenylether
Concen: 49.892 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

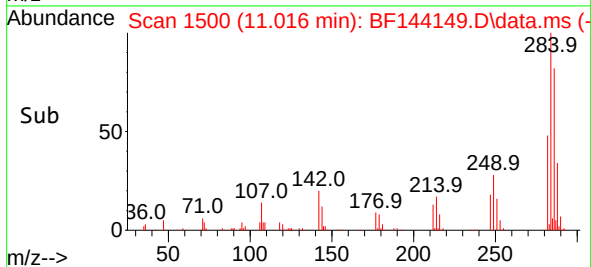
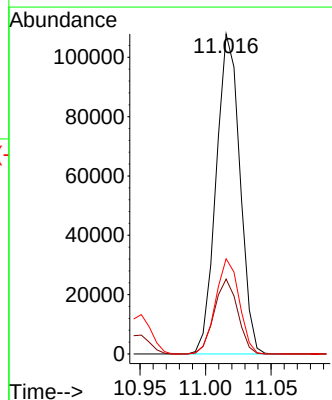
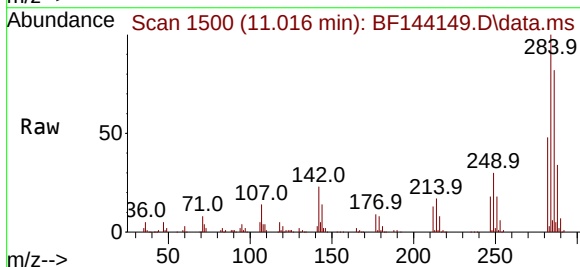
Instrument :
BNA_F
ClientSampleId :
TP5MS

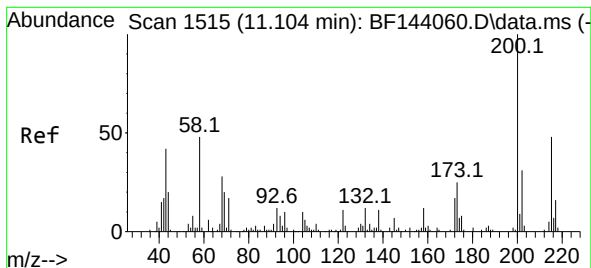
Tgt Ion:248 Resp: 115012
Ion Ratio Lower Upper
248 100
250 95.1 77.8 116.6
141 57.9 50.5 75.7



#68
Hexachlorobenzene
Concen: 47.973 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:284 Resp: 135627
Ion Ratio Lower Upper
284 100
142 23.4 20.0 30.0
249 29.7 22.2 33.2





#69

Atrazine

Concen: 44.539 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

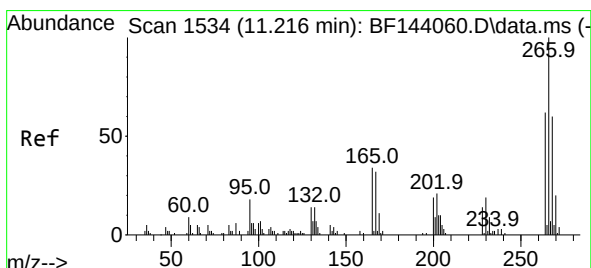
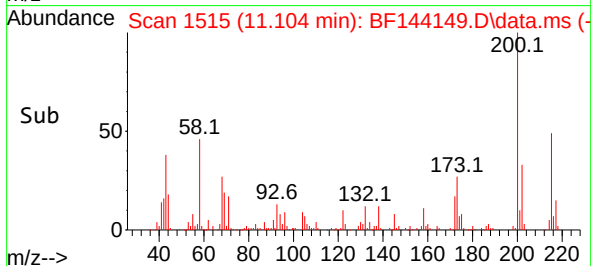
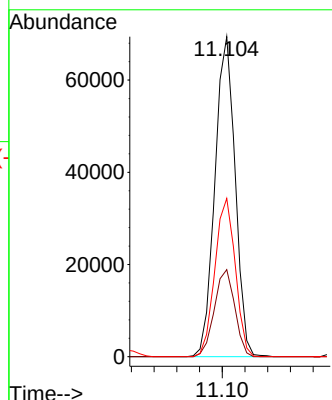
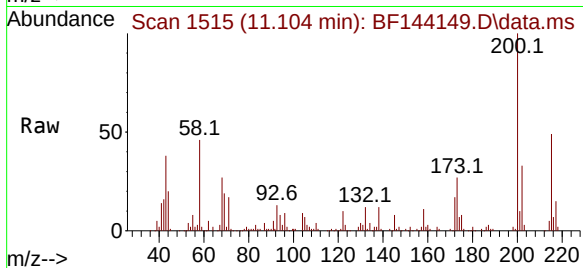
Tgt Ion:200 Resp: 85975

Ion Ratio Lower Upper

200 100

173 27.2 4.9 44.9

215 49.5 28.2 68.2



#70

Pentachlorophenol

Concen: 90.458 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

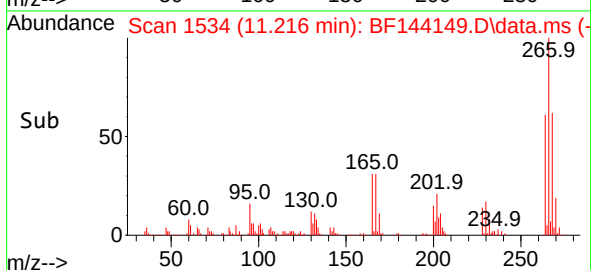
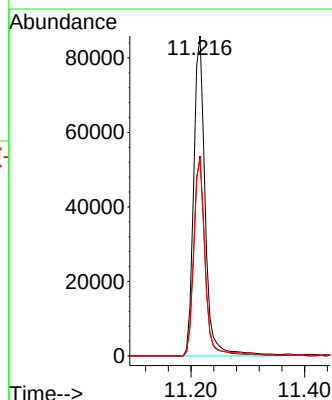
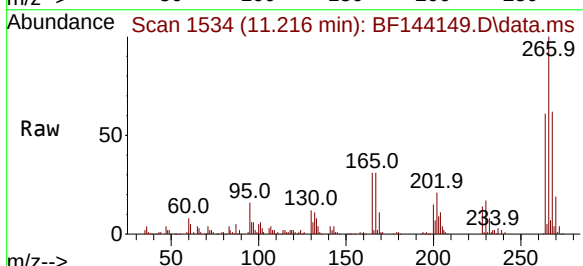
Tgt Ion:266 Resp: 121731

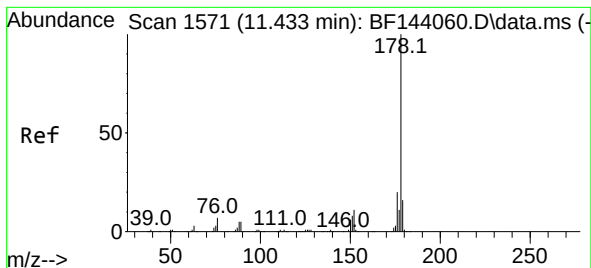
Ion Ratio Lower Upper

266 100

268 62.5 48.2 72.4

264 61.4 49.4 74.0





#71

Phenanthrene

Concen: 48.042 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

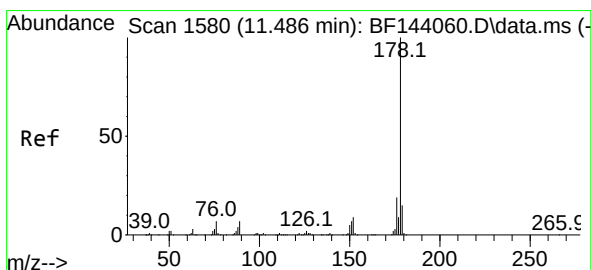
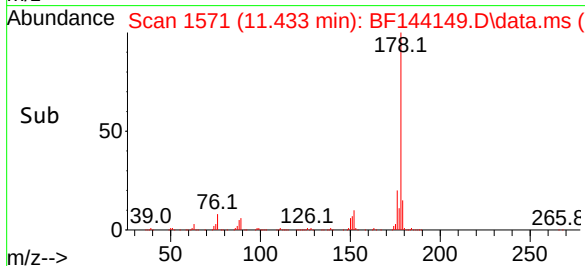
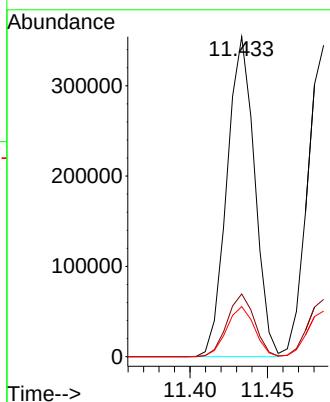
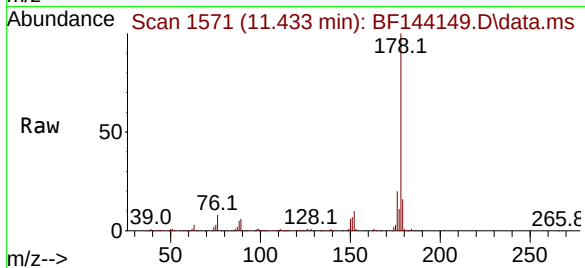
Tgt Ion:178 Resp: 439385

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

179 15.7 12.6 18.8



#72

Anthracene

Concen: 45.928 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

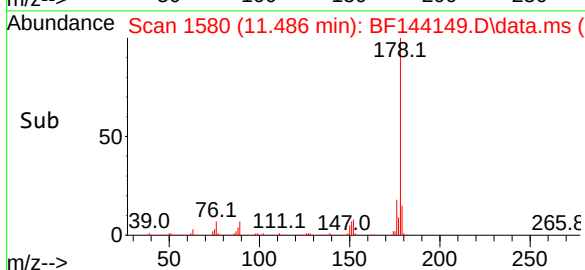
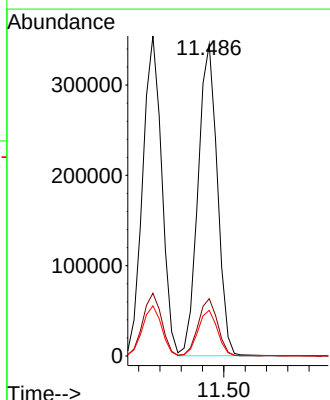
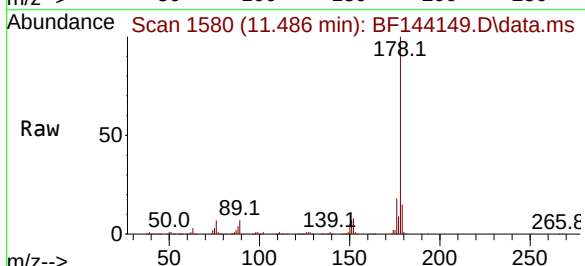
Tgt Ion:178 Resp: 433923

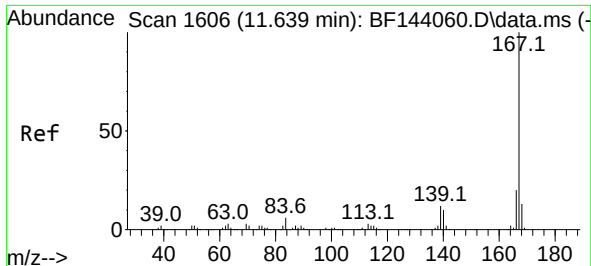
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 14.7 11.8 17.6

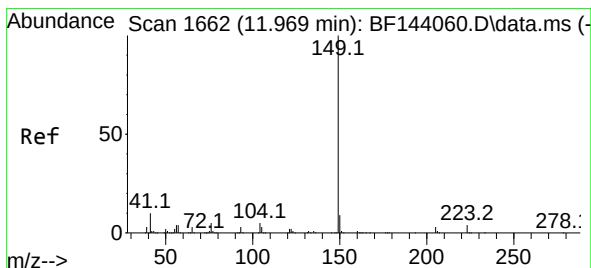
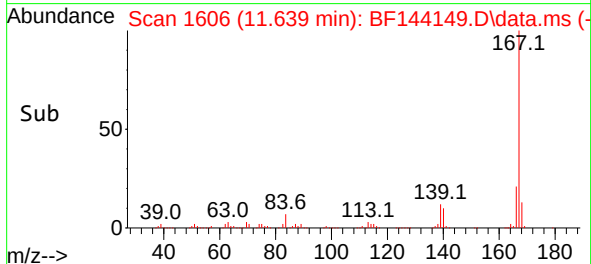
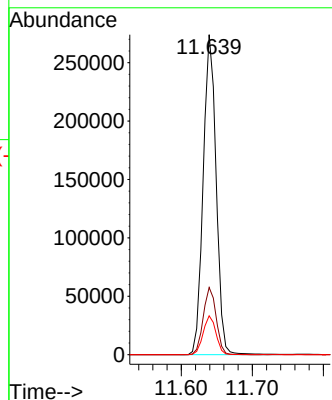
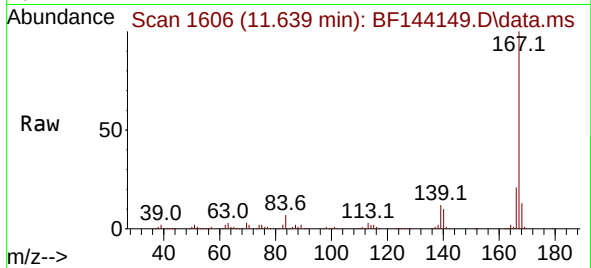




#73
 Carbazole
 Concen: 43.330 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

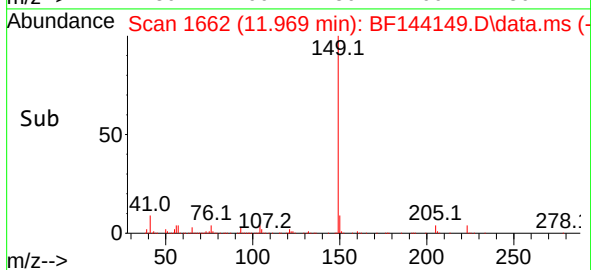
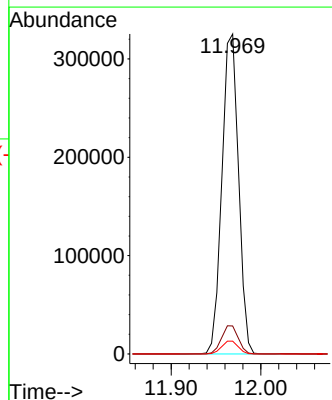
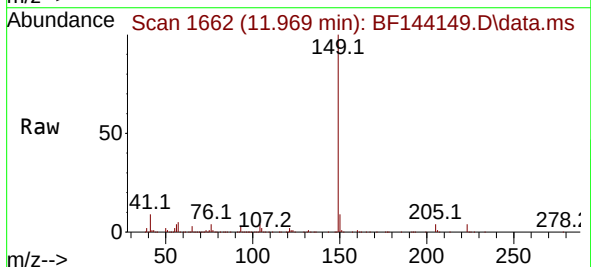
Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

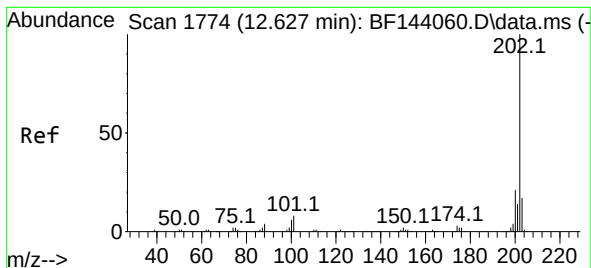
Tgt Ion:167 Resp: 348445
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.1 24.1
 139 12.2 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 42.402 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion:149 Resp: 418056
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.0 3.6 5.4





#75

Fluoranthene

Concen: 43.855 ng

RT: 12.621 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

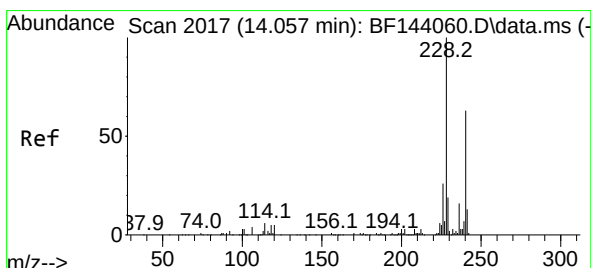
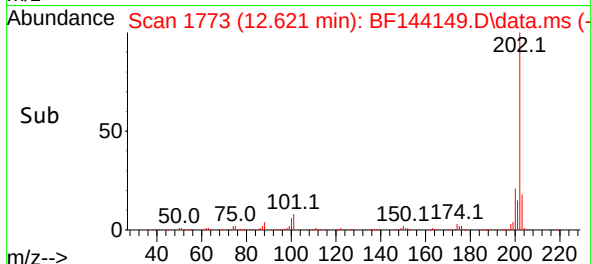
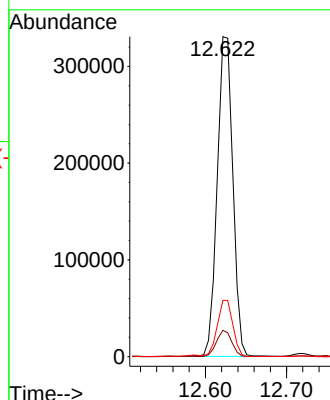
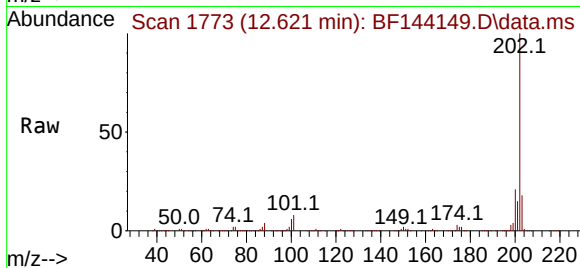
Tgt Ion:202 Resp: 443137

Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.7

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

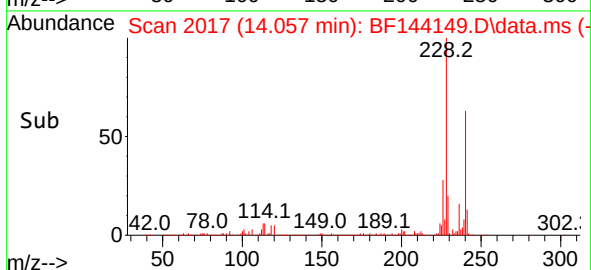
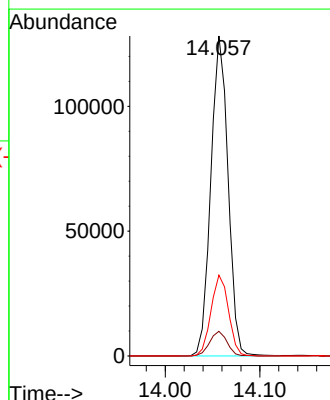
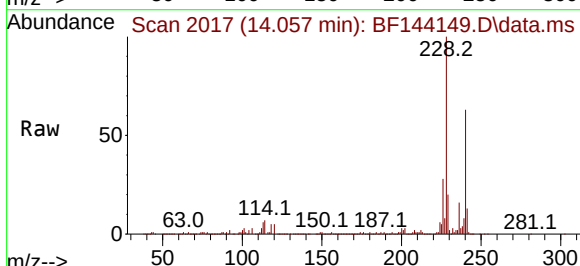
Tgt Ion:240 Resp: 161880

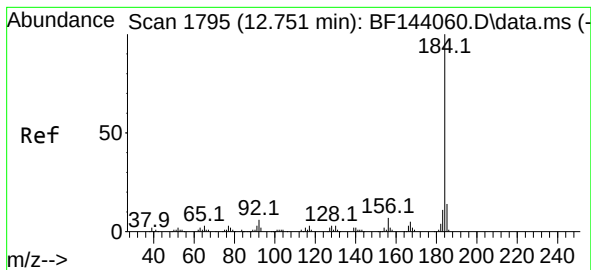
Ion Ratio Lower Upper

240 100

120 7.7 6.5 9.7

236 25.3 20.1 30.1





#77

Benzidine

Concen: 39.509 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

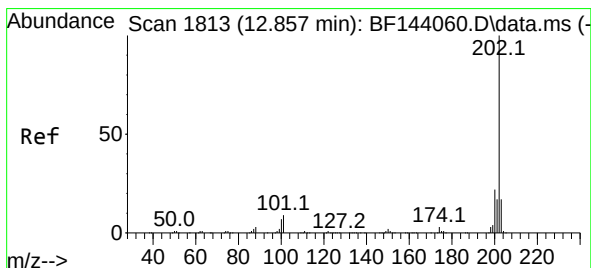
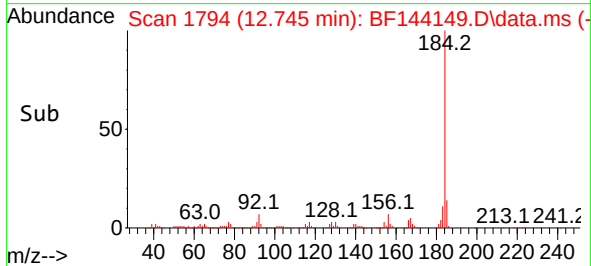
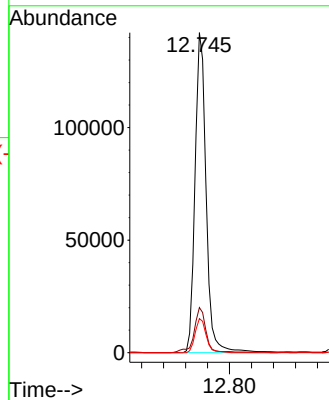
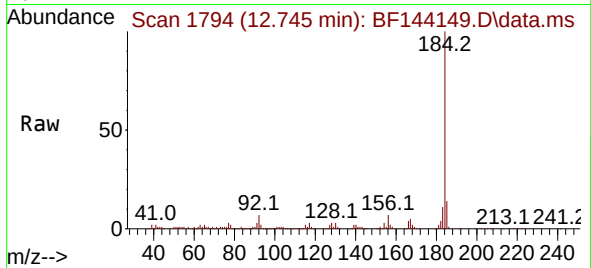
Tgt Ion:184 Resp: 199045

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.7 8.5 12.7



#78

Pyrene

Concen: 41.318 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

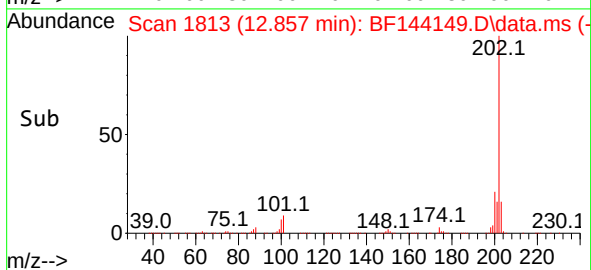
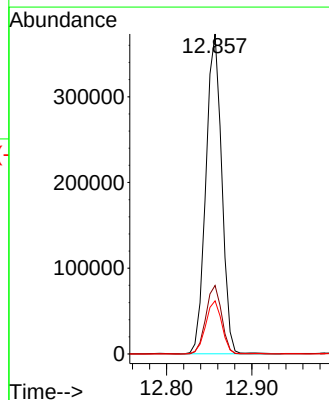
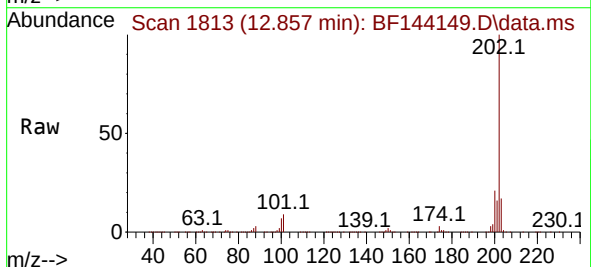
Tgt Ion:202 Resp: 480864

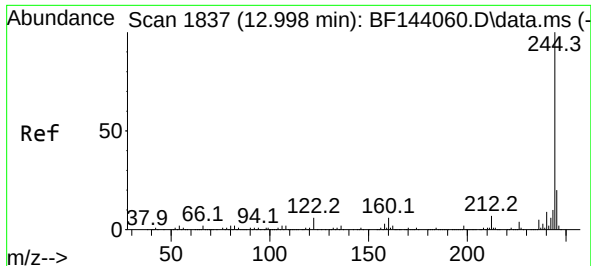
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

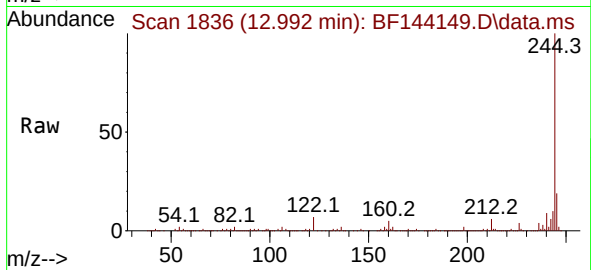
203 16.6 13.5 20.3



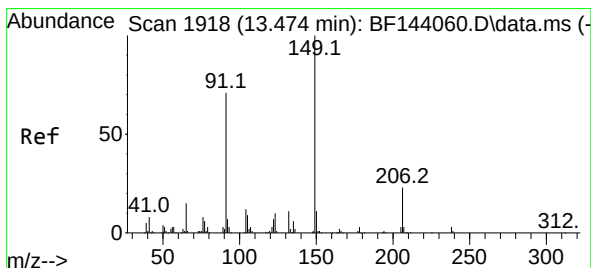
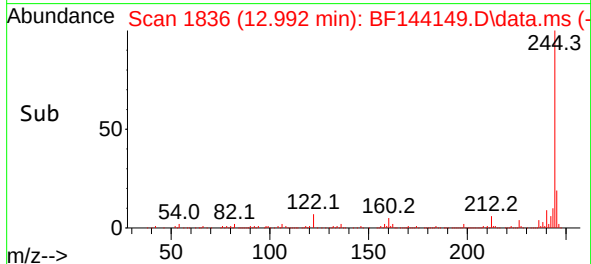
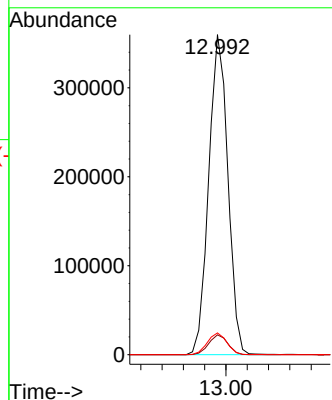


#79
 Terphenyl-d14
 Concen: 48.569 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

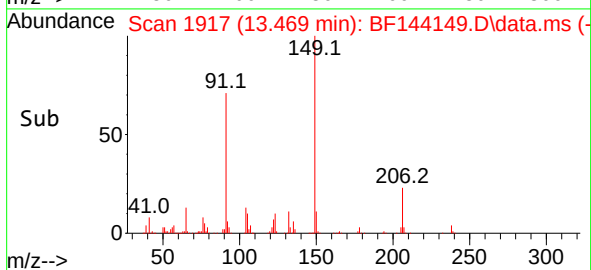
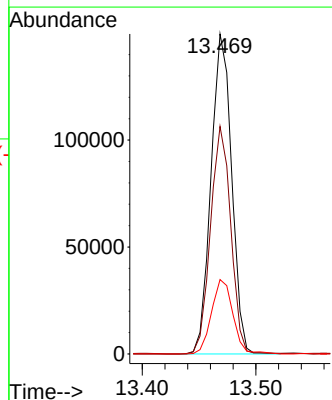
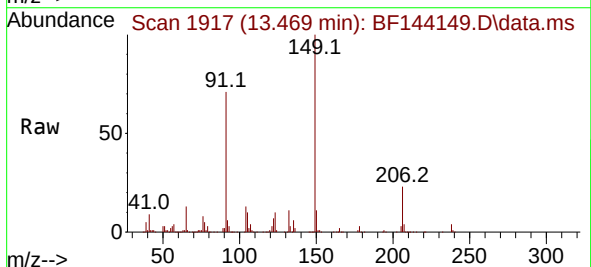


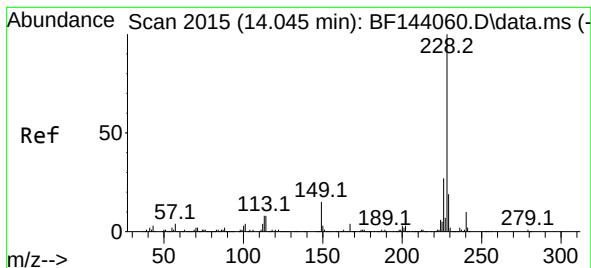
Tgt Ion:244 Resp: 449738
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.6
 122 6.8 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 42.893 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. -0.006 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion:149 Resp: 188851
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.6 84.8
 206 23.3 18.3 27.5





#81

Benzo(a)anthracene

Concen: 48.027 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

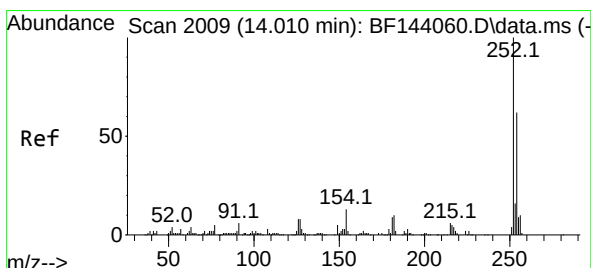
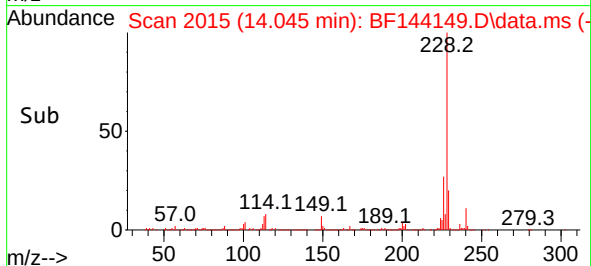
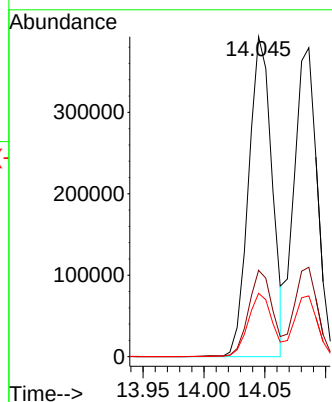
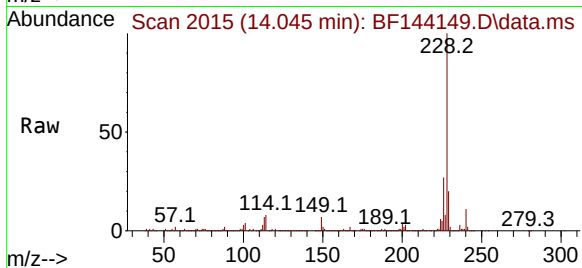
Tgt Ion:228 Resp: 525410

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

229 19.8 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 20.577 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

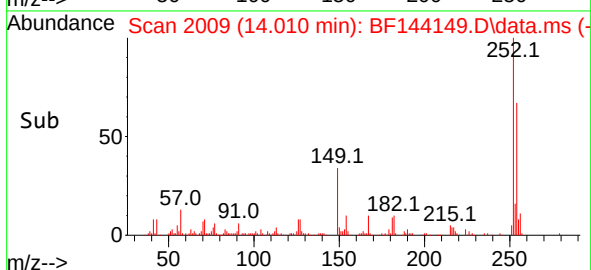
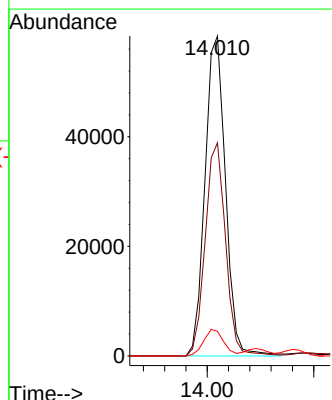
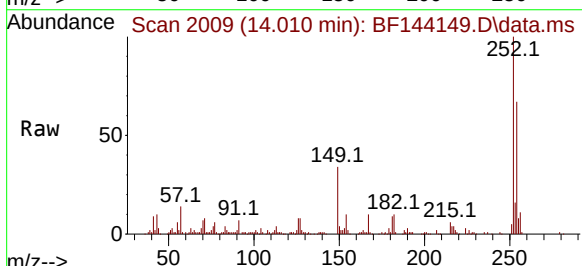
Tgt Ion:252 Resp: 78363

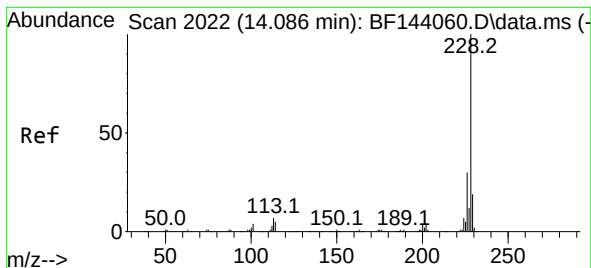
Ion Ratio Lower Upper

252 100

254 66.6 49.9 74.9

126 7.7 6.5 9.7





#83

Chrysene

Concen: 48.735 ng

RT: 14.086 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

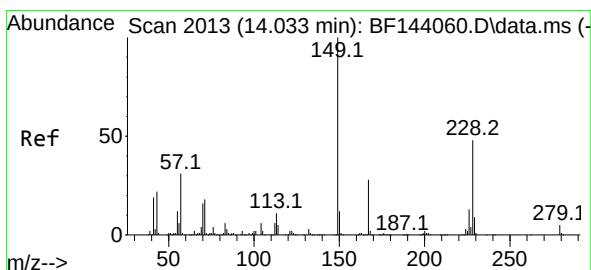
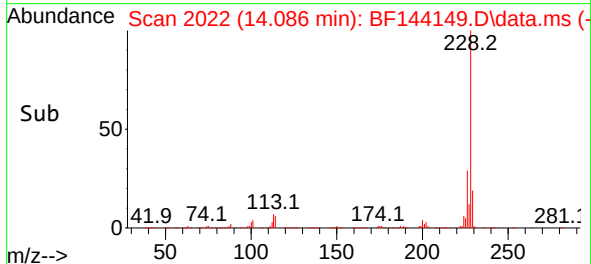
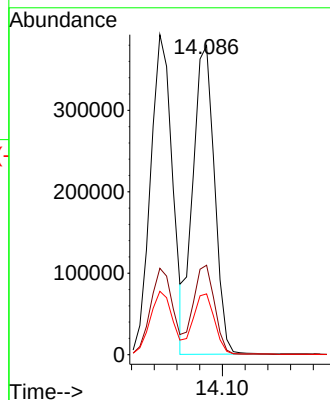
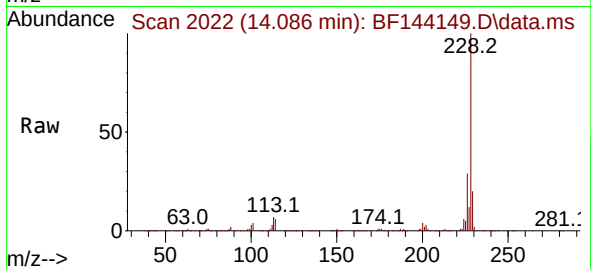
Tgt Ion:228 Resp: 500311

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.6

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.312 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

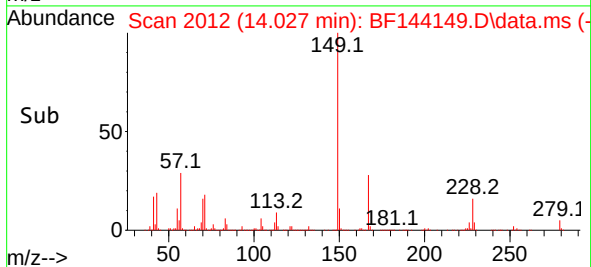
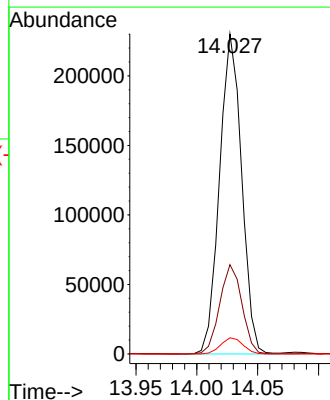
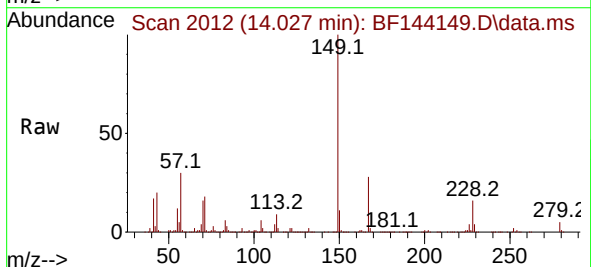
Tgt Ion:149 Resp: 290390

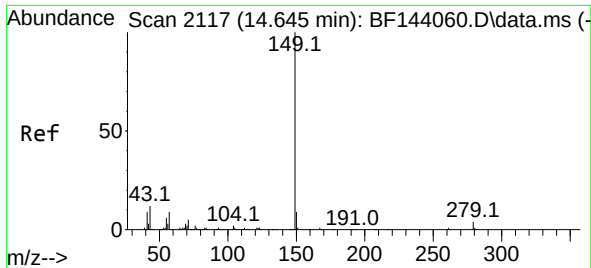
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 5.1 3.6 5.4

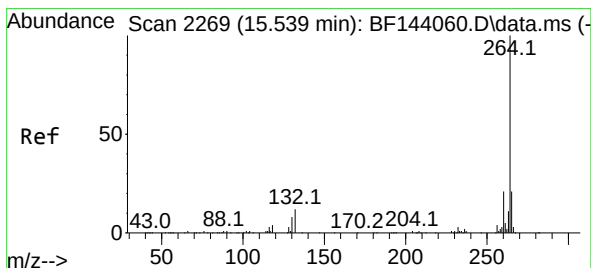
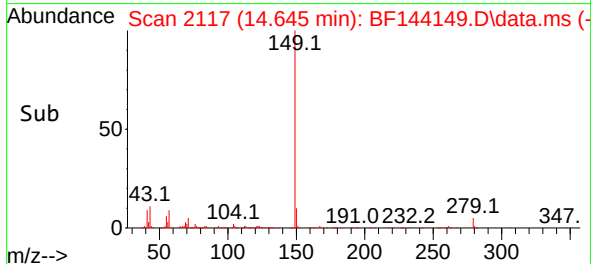
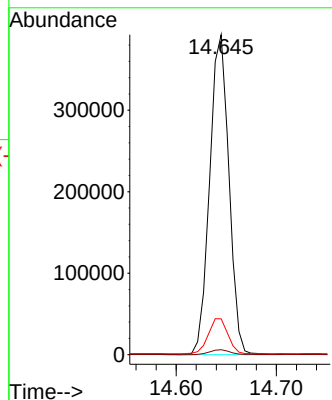
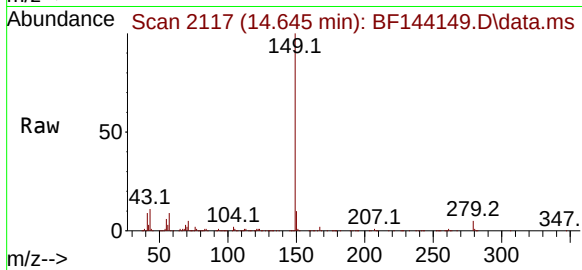




#85
Di-n-octyl phthalate
Concen: 50.785 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

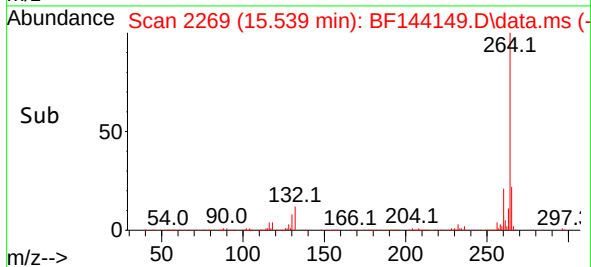
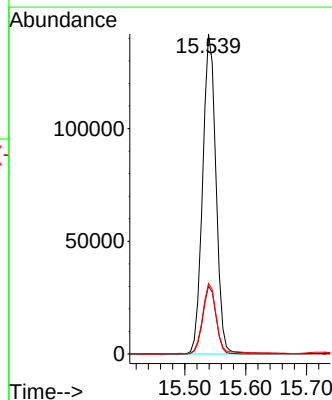
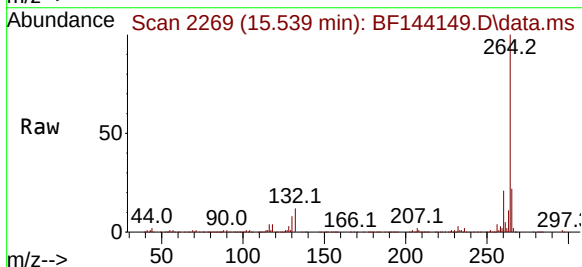
Instrument :
BNA_F
ClientSampleId :
TP5MS

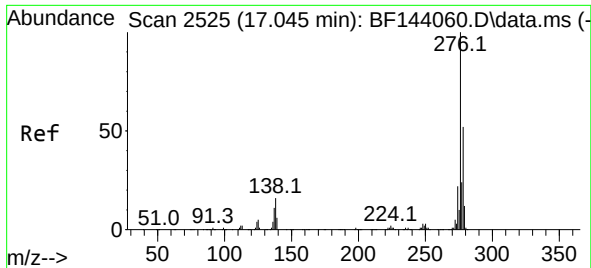
Tgt Ion:149 Resp: 524950
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 11.1 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:264 Resp: 216398
Ion Ratio Lower Upper
264 100
260 21.2 17.0 25.4
265 22.0 16.6 24.8

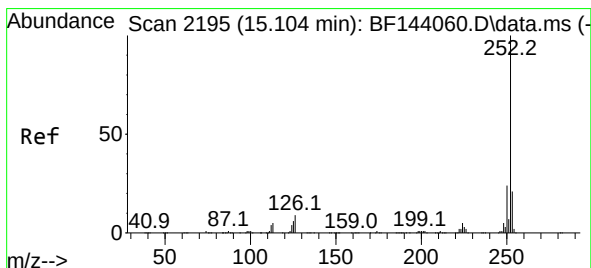
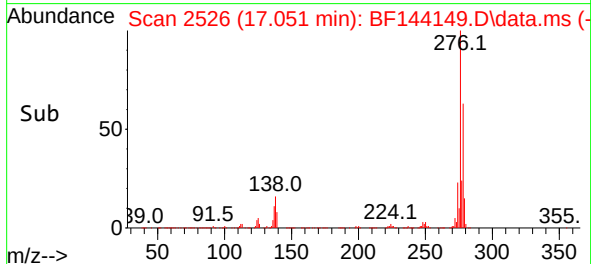
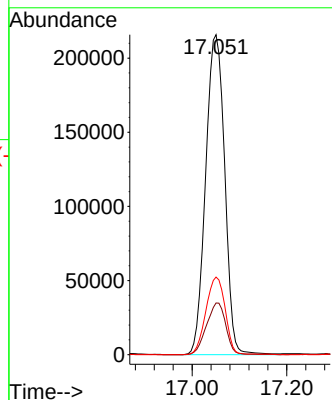
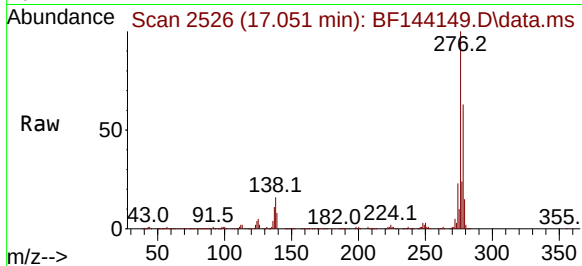




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.618 ng
RT: 17.051 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

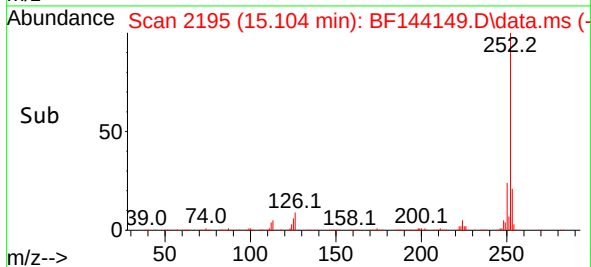
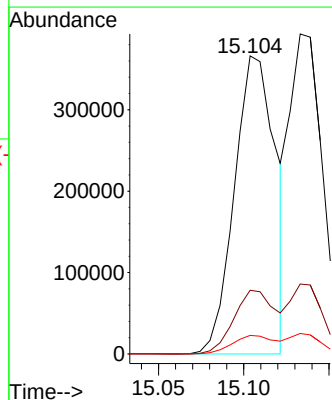
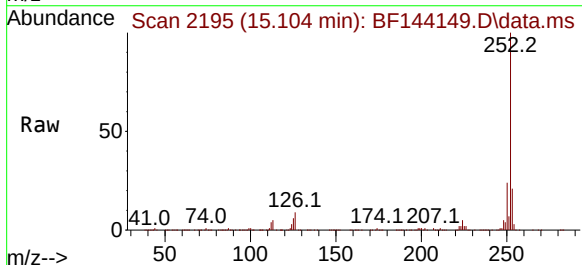
Instrument :
BNA_F
ClientSampleId :
TP5MS

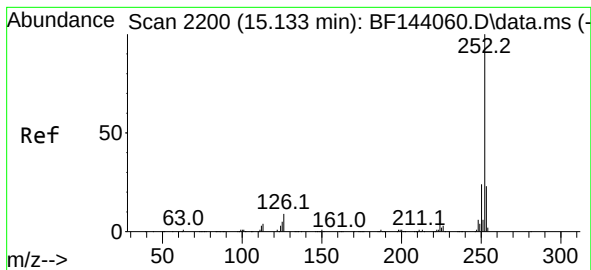
Tgt Ion:276 Resp: 603467
Ion Ratio Lower Upper
276 100
138 16.5 13.0 19.6
277 24.5 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 50.137 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144149.D
Acq: 30 Oct 2025 19:34

Tgt Ion:252 Resp: 613357
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 6.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 46.725 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

Instrument :

BNA_F

ClientSampleId :

TP5MS

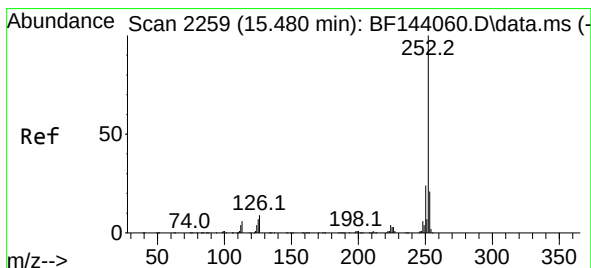
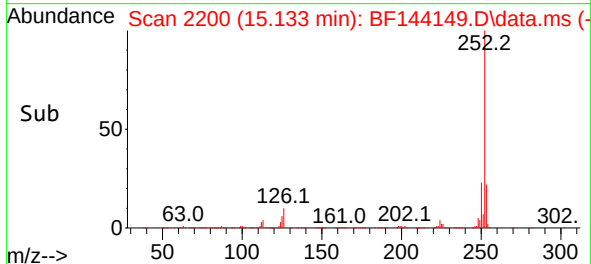
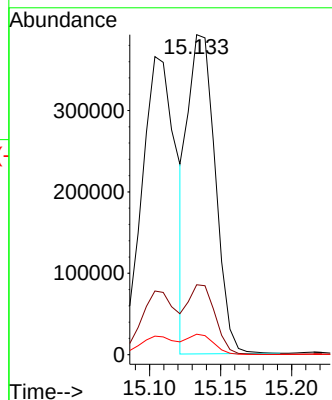
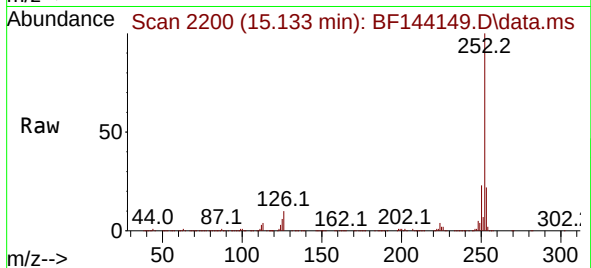
Tgt Ion:252 Resp: 527397

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 51.435 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144149.D

Acq: 30 Oct 2025 19:34

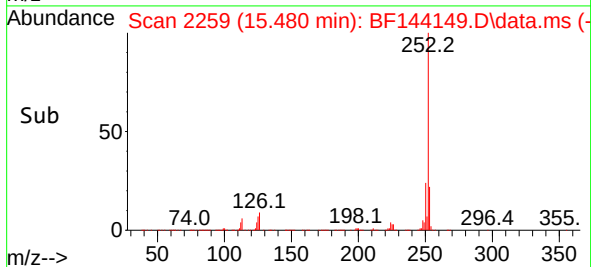
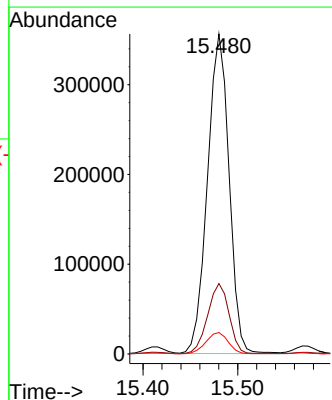
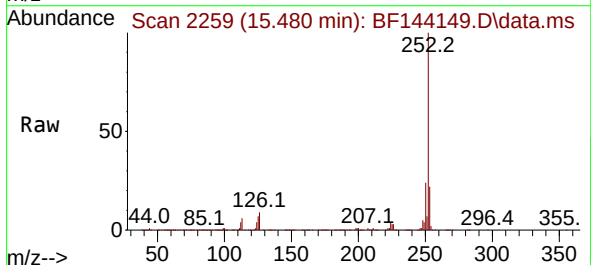
Tgt Ion:252 Resp: 564507

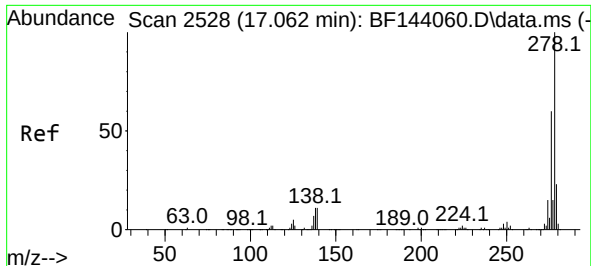
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.7 5.4 8.2

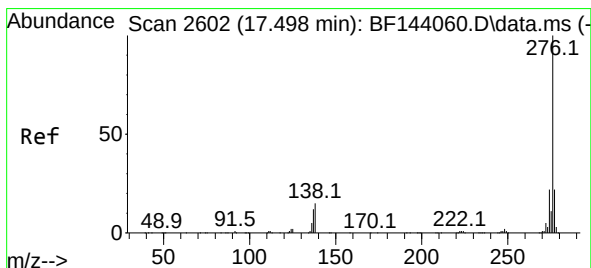
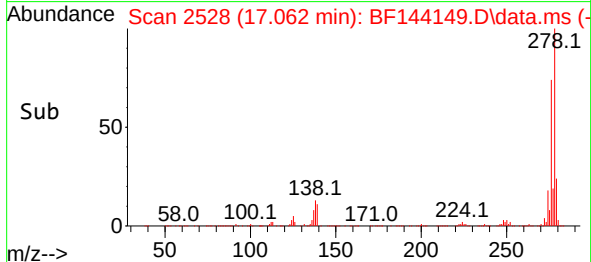
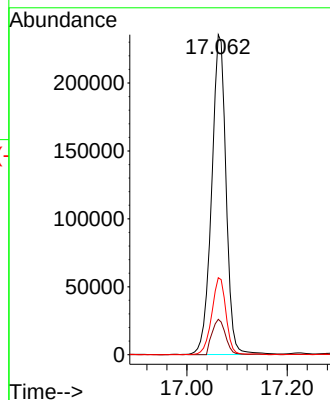
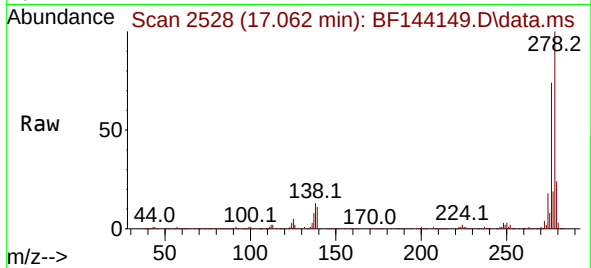




#91
 Dibenzo(a,h)anthracene
 Concen: 39.861 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

Tgt Ion:278 Resp: 468774
 Ion Ratio Lower Upper
 278 100
 139 11.0 8.5 12.7
 279 24.1 18.6 28.0



#92
 Benzo(g,h,i)perylene
 Concen: 37.837 ng
 RT: 17.504 min Scan# 2603
 Delta R.T. 0.006 min
 Lab File: BF144149.D
 Acq: 30 Oct 2025 19:34

Tgt Ion:276 Resp: 447376
 Ion Ratio Lower Upper
 276 100
 277 23.4 17.9 26.9
 138 15.0 12.0 18.0

