

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142321.D
 Acq On : 12 May 2025 15:42
 Operator : RC/JU
 Sample : Q1964-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMSD

Quant Time: May 12 16:03:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	215351	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	822738	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	428474	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	665779	20.000	ng	0.00
76) Chrysene-d12	14.069	240	388637	20.000	ng	0.00
86) Perylene-d12	15.557	264	455097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1480551	117.363	ng	0.02
7) Phenol-d6	6.528	99	1770121	114.086	ng	0.00
23) Nitrobenzene-d5	7.469	82	1117695	82.851	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	538750	130.232	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2242851	74.638	ng	0.00
79) Terphenyl-d14	13.016	244	1837257	69.971	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	185573	32.666	ng	# 83
3) Pyridine	3.557	79	423377	31.743	ng	98
4) n-Nitrosodimethylamine	3.505	42	287496	37.088	ng	95
6) Aniline	6.575	93	315577	20.736	ng	99
8) 2-Chlorophenol	6.693	128	585101	43.403	ng	97
9) Benzaldehyde	6.457	77	116053	12.780	ng	100
10) Phenol	6.545	94	673492	40.950	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	561392	34.613	ng	98
12) 1,3-Dichlorobenzene	6.845	146	556493	36.083	ng	99
13) 1,4-Dichlorobenzene	6.922	146	567743	36.664	ng	99
14) 1,2-Dichlorobenzene	7.075	146	559373	37.634	ng	99
15) Benzyl Alcohol	7.045	79	452361	45.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	932227	38.490	ng	99
17) 2-Methylphenol	7.151	107	467638	42.847	ng	100
18) Hexachloroethane	7.422	117	188633	36.612	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	392392	40.885	ng	99
20) 3+4-Methylphenols	7.304	107	581497	42.691	ng	95
22) Acetophenone	7.310	105	741936	40.558	ng	94
24) Nitrobenzene	7.487	77	565096	44.438	ng	98
25) Isophorone	7.722	82	1080543	42.298	ng	99
26) 2-Nitrophenol	7.798	139	259241	42.781	ng	98
27) 2,4-Dimethylphenol	7.834	122	555676	43.264	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	686449	41.789	ng	100
29) 2,4-Dichlorophenol	8.040	162	497162	45.530	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	502274	40.872	ng	98
31) Naphthalene	8.210	128	1613909	40.475	ng	100
32) Benzoic acid	7.939	122	257105	39.646	ng	99
33) 4-Chloroaniline	8.281	127	77178	4.743	ng	98
34) Hexachlorobutadiene	8.328	225	295311	40.582	ng	99
35) Caprolactam	8.616	113	73356	23.050	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	505656	44.548	ng	98
37) 2-Methylnaphthalene	8.898	142	1035817	41.805	ng	99
38) 1-Methylnaphthalene	8.998	142	1076807	41.697	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	505639	42.253	ng	99
41) Hexachlorocyclopentadiene	9.051	237	580308	78.464	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	350152	46.388	ng	99

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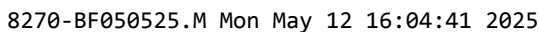
Instrument :
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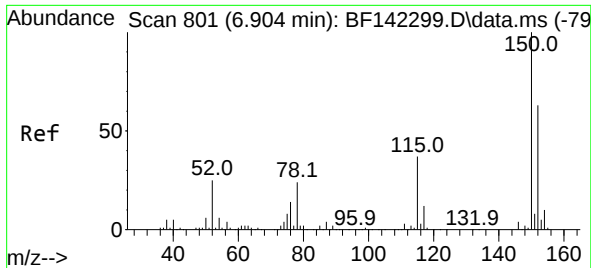
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	376486	46.876	ng	98
46) 1,1'-Biphenyl	9.363	154	1412700	43.001	ng	99
47) 2-Chloronaphthalene	9.386	162	1044684	42.759	ng	99
48) 2-Nitroaniline	9.481	65	297966	47.580	ng	93
49) Acenaphthylene	9.804	152	1756558	42.978	ng	100
50) Dimethylphthalate	9.663	163	1305523	47.450	ng	100
51) 2,6-Dinitrotoluene	9.722	165	260156	50.516	ng	95
52) Acenaphthene	9.975	154	1122595	45.680	ng	100
53) 3-Nitroaniline	9.892	138	134027	22.190	ng	96
54) 2,4-Dinitrophenol	9.998	184	214964	79.805	ng	# 1
55) Dibenzofuran	10.151	168	1539122	42.437	ng	100
56) 4-Nitrophenol	10.045	139	368025	80.959	ng	97
57) 2,4-Dinitrotoluene	10.128	165	333083	50.421	ng	99
58) Fluorene	10.492	166	1147354	41.453	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308514	46.532	ng	98
60) Diethylphthalate	10.363	149	1212985	44.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	573931	42.979	ng	99
62) 4-Nitroaniline	10.504	138	235350	49.163	ng	98
63) Azobenzene	10.645	77	1116491	42.523	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	132832	43.579	ng	97
66) n-Nitrosodiphenylamine	10.604	169	1033849	46.665	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	356681	47.271	ng	97
68) Hexachlorobenzene	11.039	284	394711	47.556	ng	96
69) Atrazine	11.128	200	281453	48.194	ng	99
70) Pentachlorophenol	11.228	266	414029	94.823	ng	97
71) Phenanthrene	11.457	178	1520920	43.581	ng	100
72) Anthracene	11.504	178	1543032	43.032	ng	100
73) Carbazole	11.657	167	1322306	41.103	ng	100
74) Di-n-butylphthalate	11.986	149	1632425	48.256	ng	100
75) Fluoranthene	12.639	202	1366853	39.181	ng	100
77) Benzidine	12.763	184	226719	32.101	ng	99
78) Pyrene	12.869	202	1355153	39.175	ng	100
80) Butylbenzylphthalate	13.486	149	475470	47.167	ng	97
81) Benzo(a)anthracene	14.057	228	1113397	44.238	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	192626	32.911	ng	98
83) Chrysene	14.092	228	1074262	45.850	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	638763	48.536	ng	99
85) Di-n-octyl phthalate	14.663	149	1079798	45.954	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1199945	37.903	ng	100
88) Benzo(b)fluoranthene	15.121	252	1189417	43.152	ng	99
89) Benzo(k)fluoranthene	15.151	252	1197943	47.492	ng	100
90) Benzo(a)pyrene	15.498	252	1152037	46.642	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	954032	36.477	ng	99
92) Benzo(g,h,i)perylene	17.521	276	948316	36.532	ng	99

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

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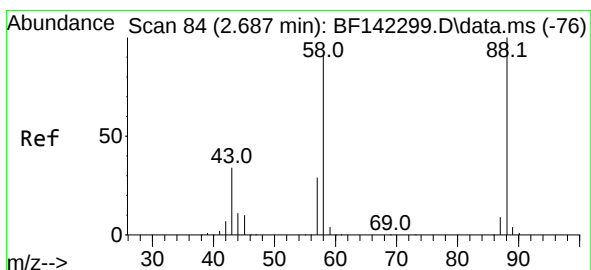
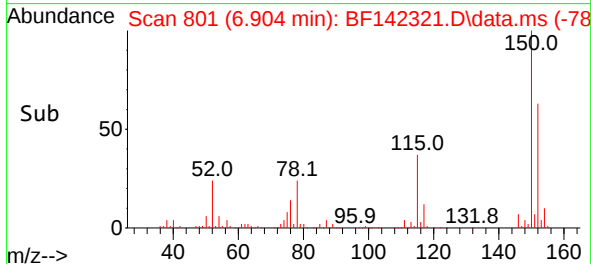
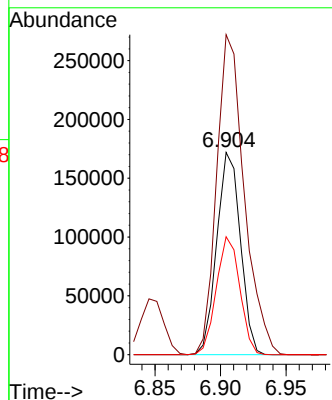
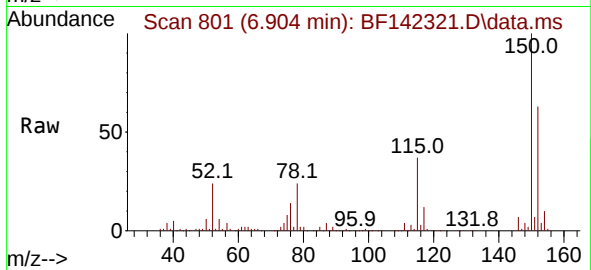




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42

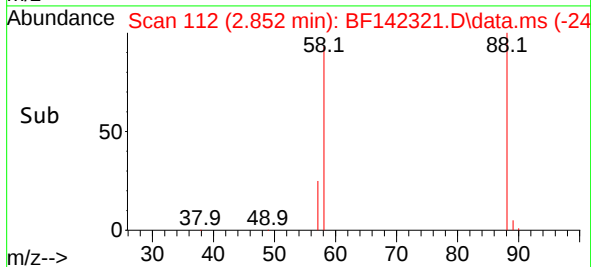
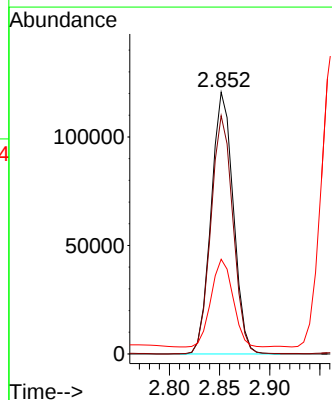
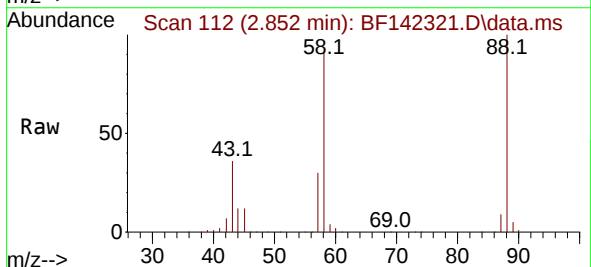
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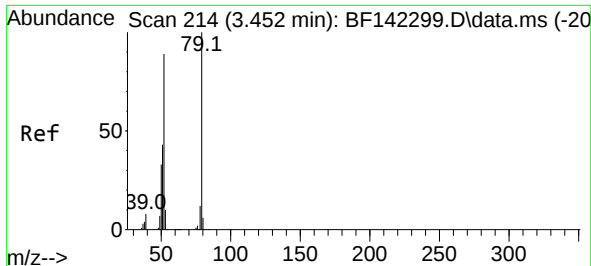
Tgt Ion:152 Resp: 215351
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.6 190.0
 115 58.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 32.666 ng
 RT: 2.852 min Scan# 112
 Delta R.T. 0.165 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42

Tgt Ion: 88 Resp: 185573
 Ion Ratio Lower Upper
 88 100
 58 91.1 73.0 109.4
 43 0.0 27.8 41.6#

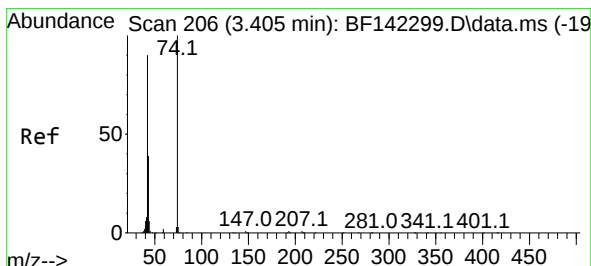
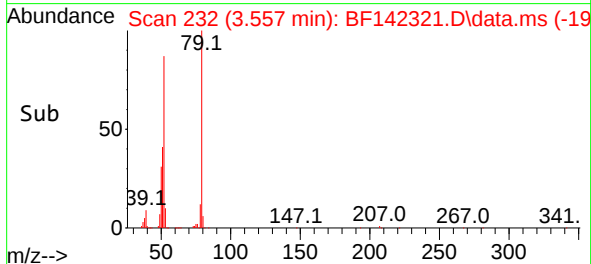
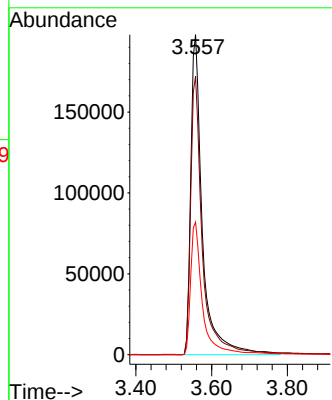
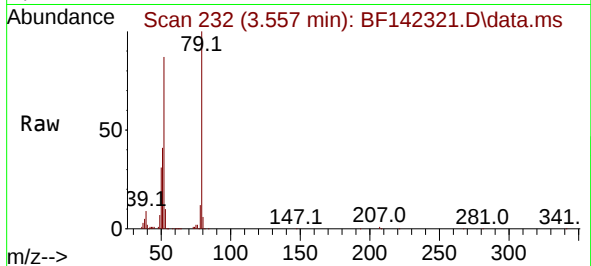




#3
Pyridine
Concen: 31.743 ng
RT: 3.557 min Scan# 214
Delta R.T. 0.106 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

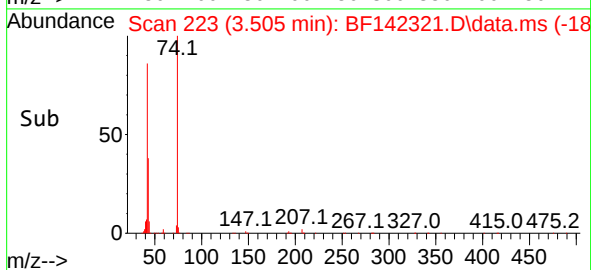
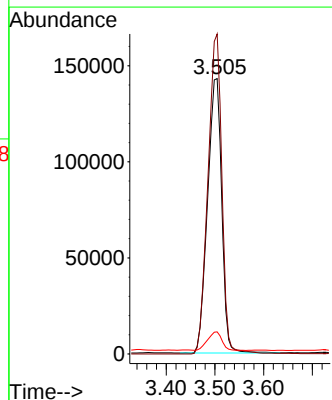
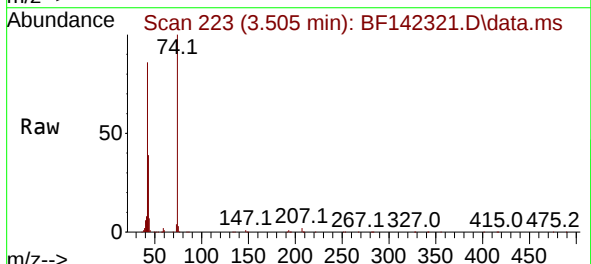
Instrument :
BNA_F
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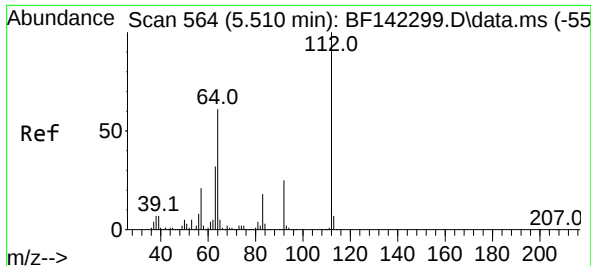
Tgt Ion: 79 Resp: 423377
Ion Ratio Lower Upper
79 100
52 87.0 71.0 106.4
51 41.5 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 37.088 ng
RT: 3.505 min Scan# 223
Delta R.T. 0.100 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion: 42 Resp: 287496
Ion Ratio Lower Upper
42 100
74 116.2 88.5 132.7
44 8.0 5.8 8.8

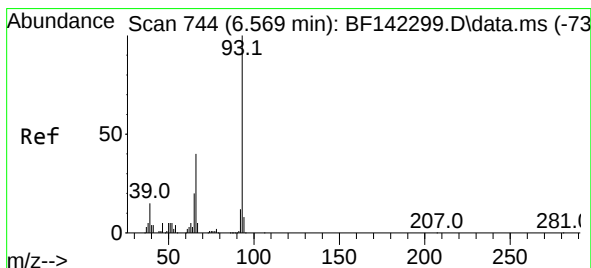
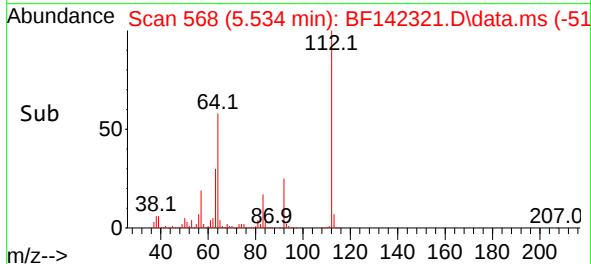
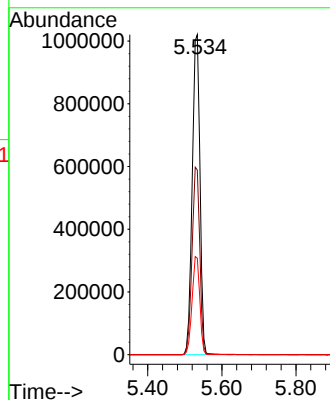
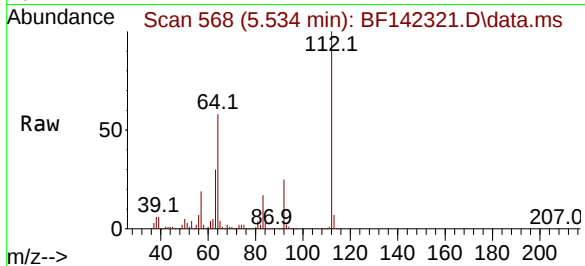




#5
2-Fluorophenol
Concen: 117.363 ng
RT: 5.534 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

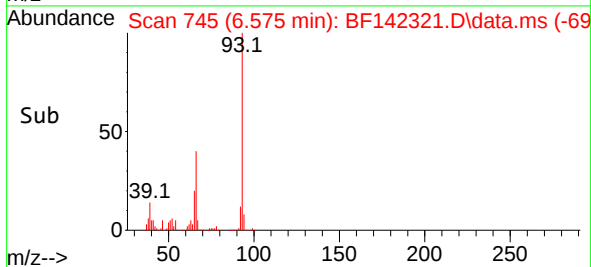
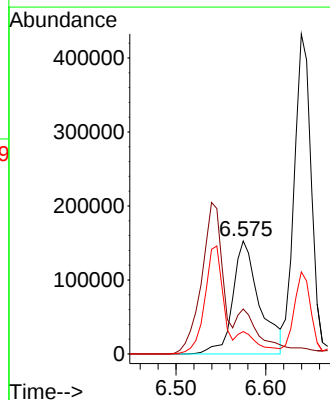
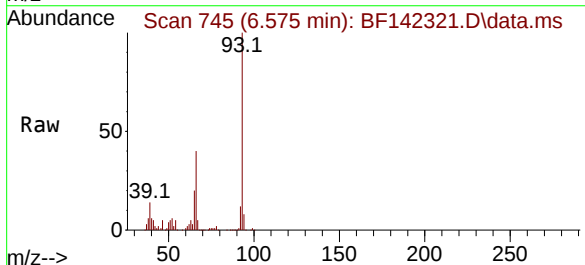
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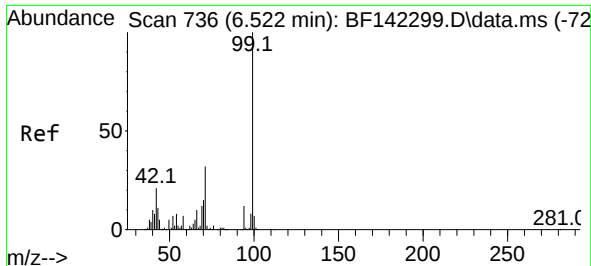
Tgt Ion:112 Resp: 1480551
Ion Ratio Lower Upper
112 100
64 57.7 48.9 73.3
63 30.1 25.6 38.4



#6
Aniline
Concen: 20.736 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion: 93 Resp: 315577
Ion Ratio Lower Upper
93 100
66 39.8 32.2 48.4
65 19.8 16.3 24.5

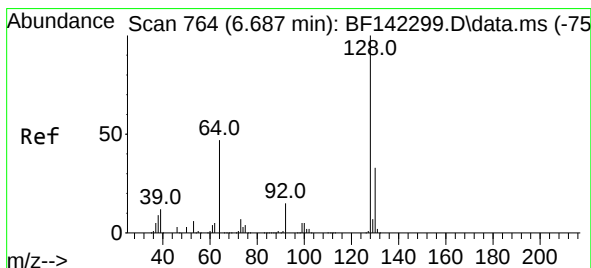
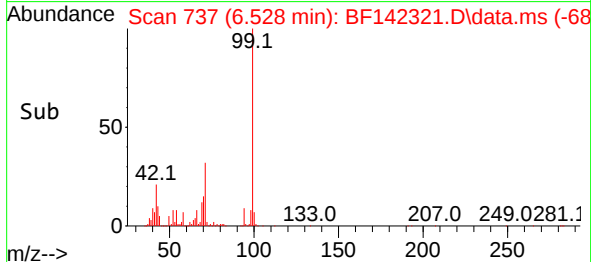
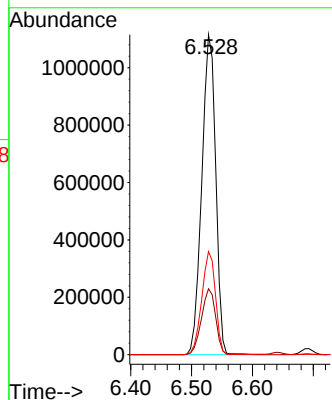
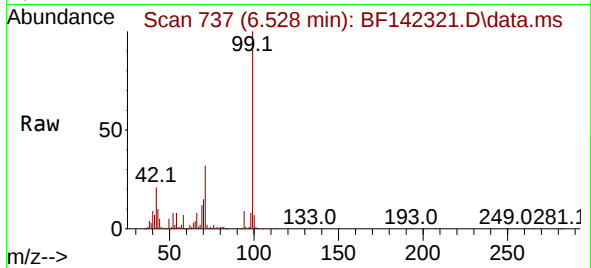




#7
Phenol-d6
Concen: 114.086 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

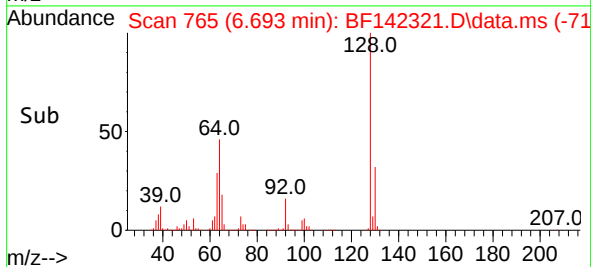
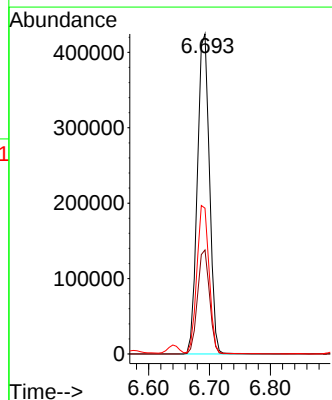
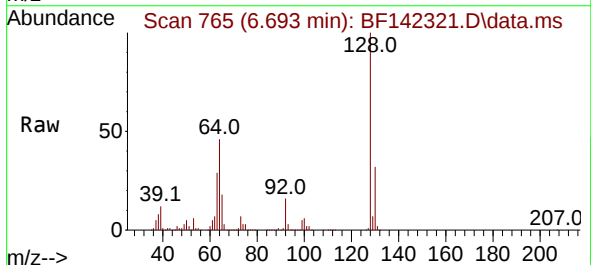
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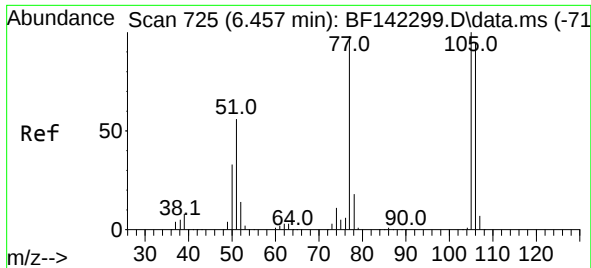
Tgt Ion: 99 Resp: 1770121
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.3 25.8 38.8



#8
2-Chlorophenol
Concen: 43.403 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion: 128 Resp: 585101
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.6 29.2 69.2





#9

Benzaldehyde

Concen: 12.780 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

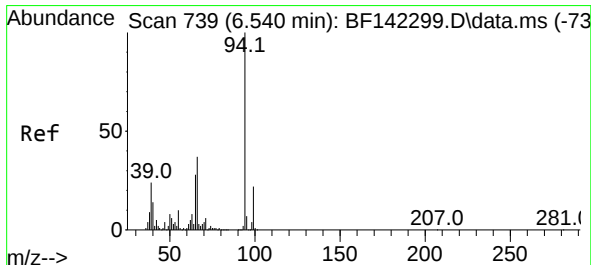
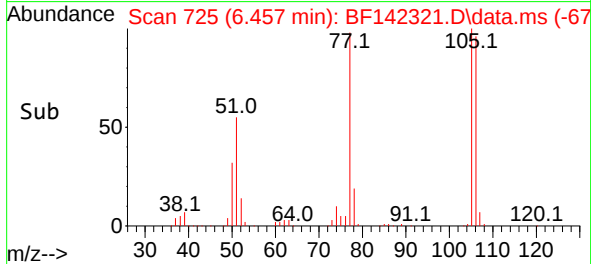
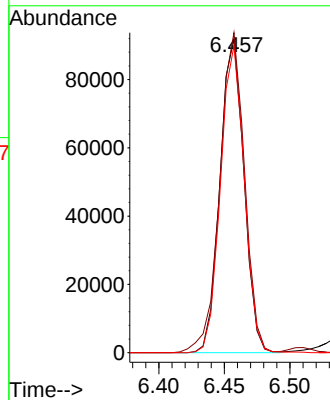
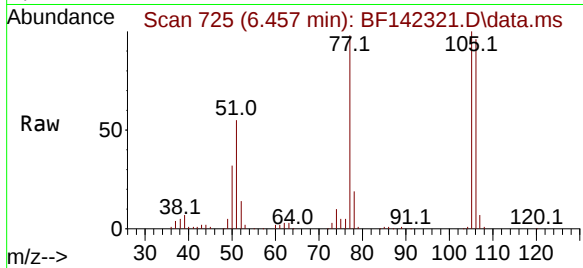
Tgt Ion: 77 Resp: 116053

Ion Ratio Lower Upper

77 100

105 102.0 82.0 122.0

106 97.9 77.2 117.2



#10

Phenol

Concen: 40.950 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

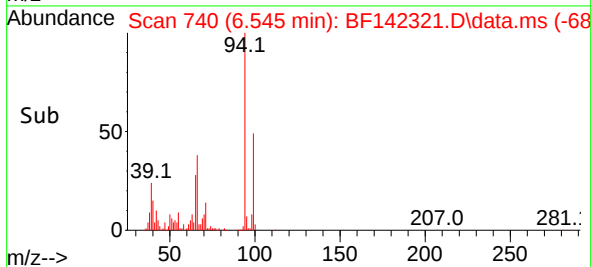
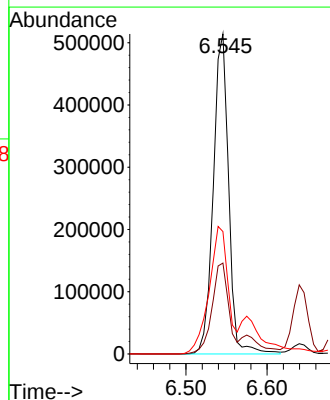
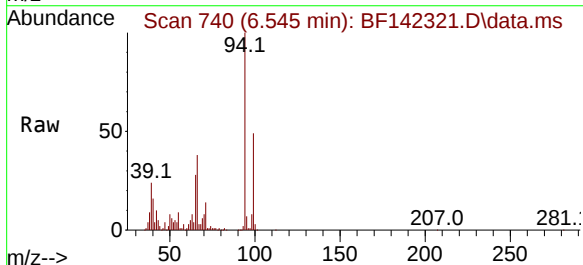
Tgt Ion: 94 Resp: 673492

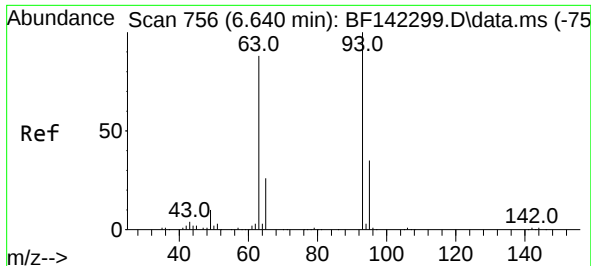
Ion Ratio Lower Upper

94 100

65 28.4 8.5 48.5

66 38.3 17.3 57.3

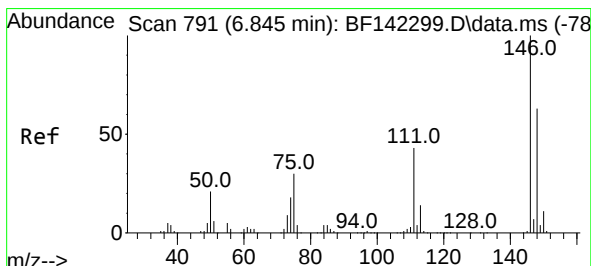
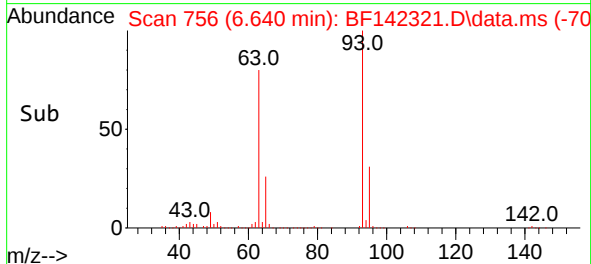
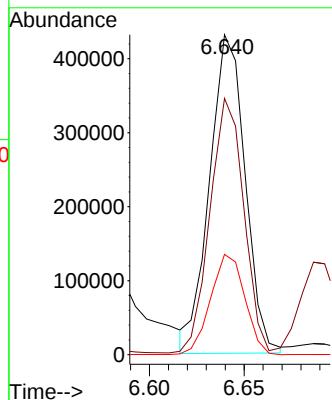
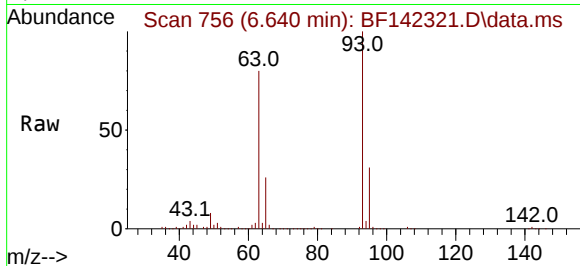




#11
bis(2-Chloroethyl)ether
Concen: 34.613 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

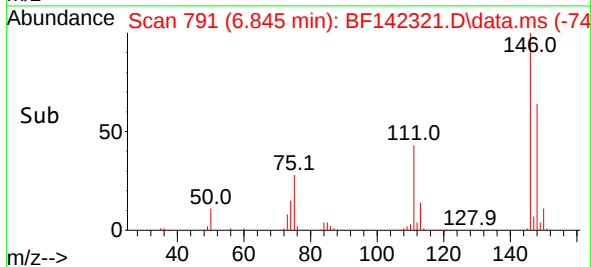
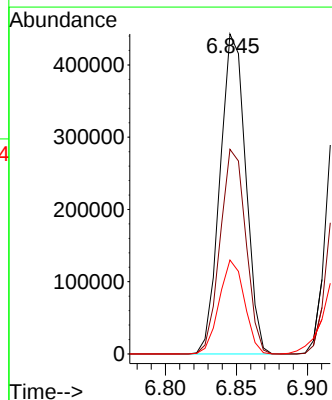
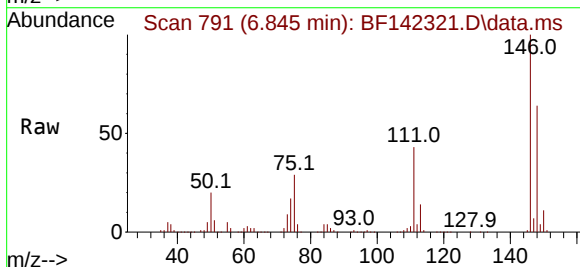
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

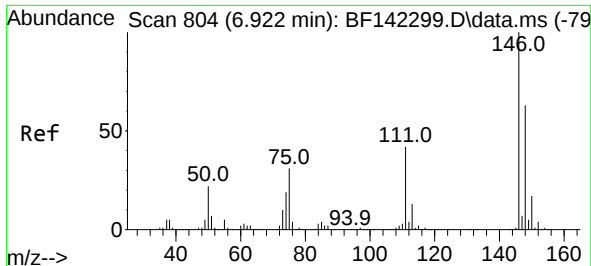
Tgt Ion: 93 Resp: 561392
Ion Ratio Lower Upper
93 100
63 80.1 58.4 98.4
95 31.4 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 36.083 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion: 146 Resp: 556493
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
75 29.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.664 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

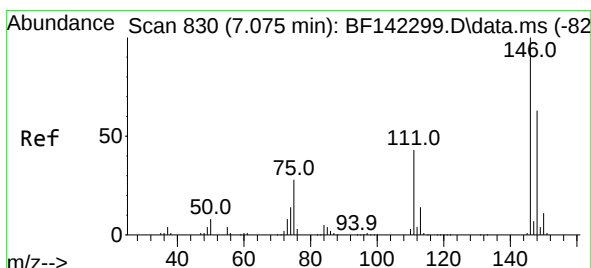
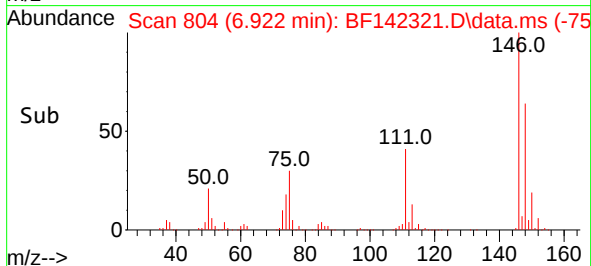
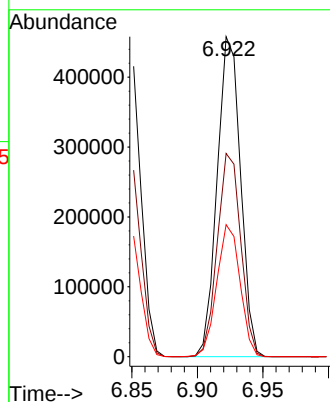
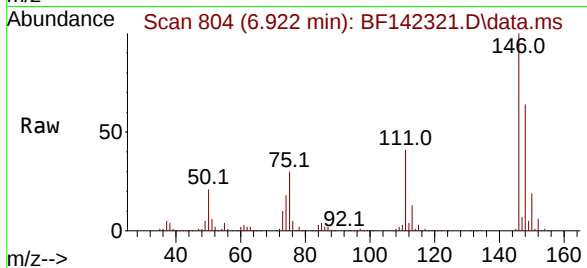
Tgt Ion:146 Resp: 567743

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 41.2 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 37.634 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

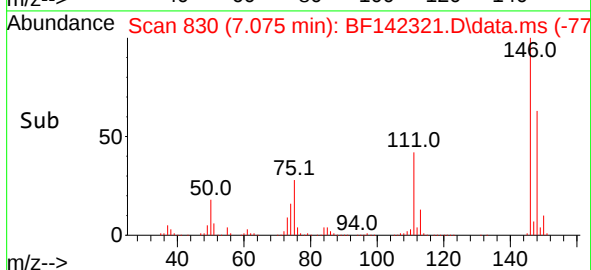
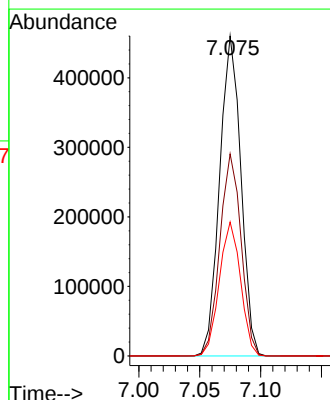
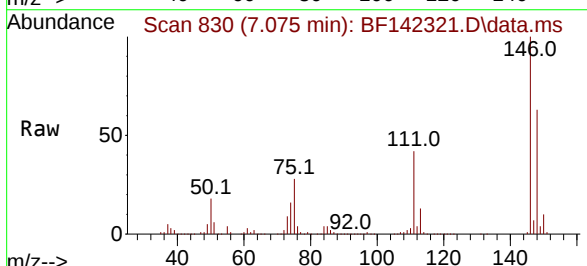
Tgt Ion:146 Resp: 559373

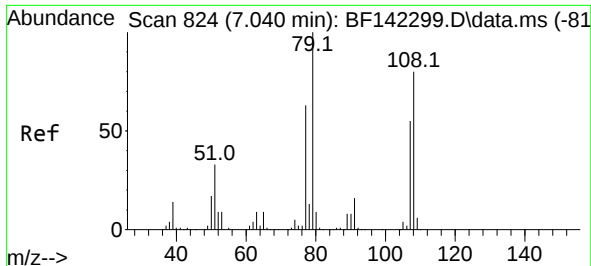
Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

111 41.8 34.5 51.7

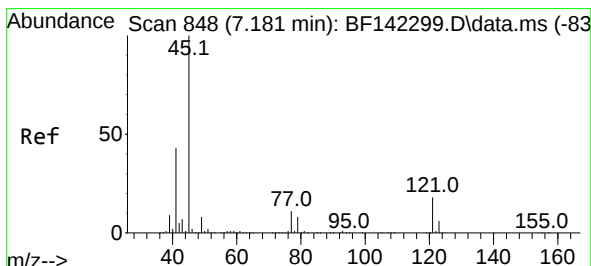
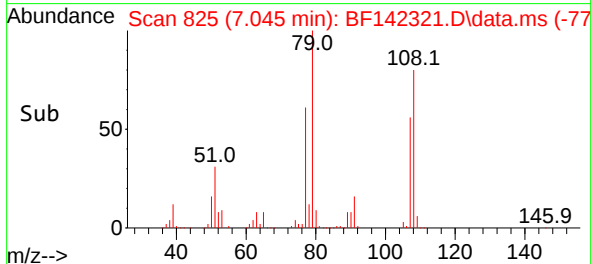
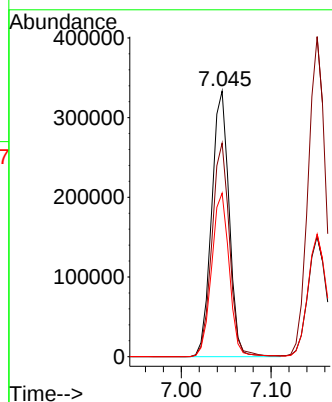
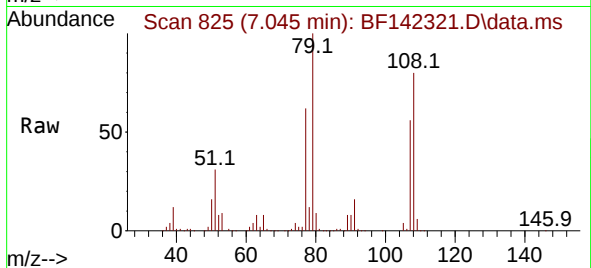




#15
Benzyl Alcohol
Concen: 45.025 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

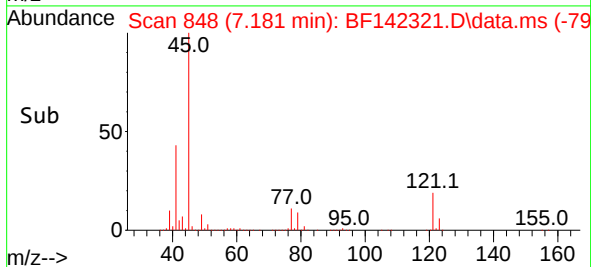
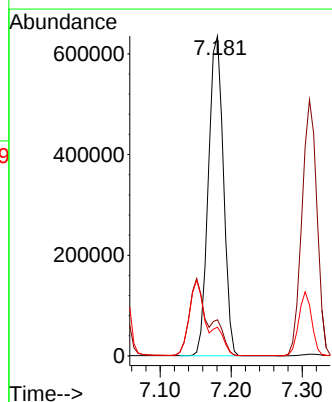
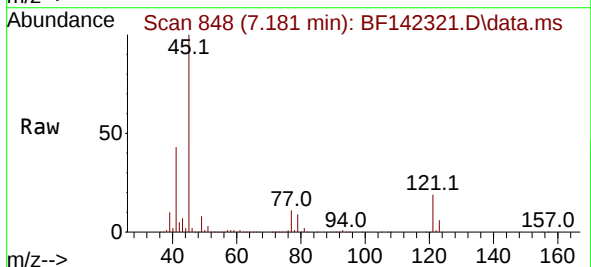
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

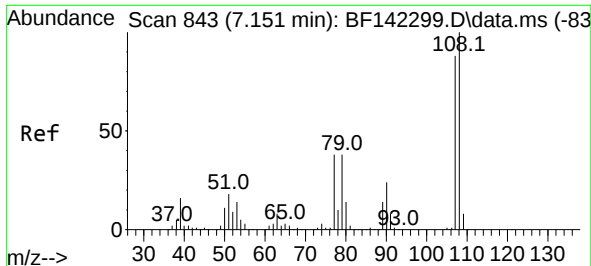
Tgt Ion: 79 Resp: 452361
Ion Ratio Lower Upper
79 100
108 80.4 63.9 95.9
77 61.6 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.490 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion: 45 Resp: 932227
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 9.0 0.0 28.5



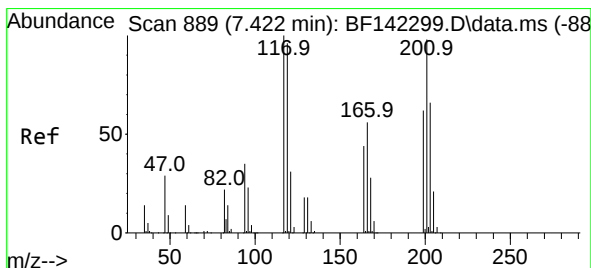
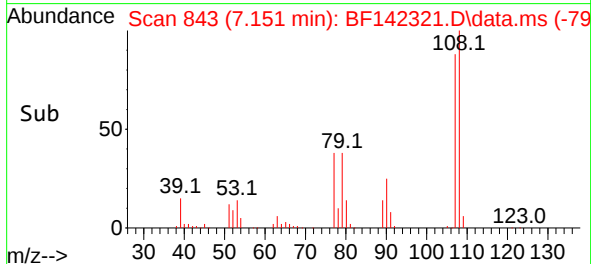
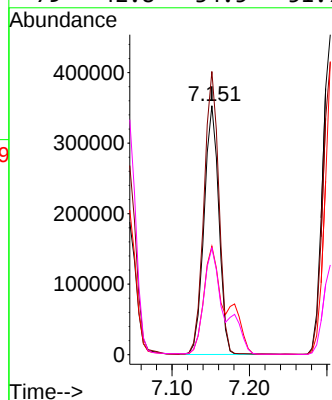
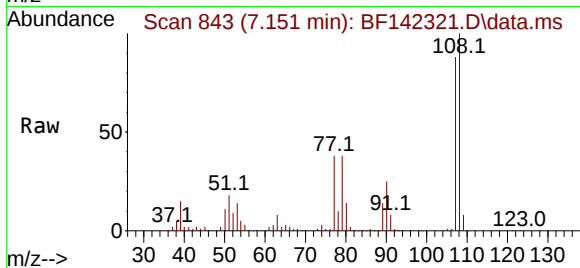


#17
2-Methylphenol
Concen: 42.847 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

Tgt Ion:107 Resp: 467638

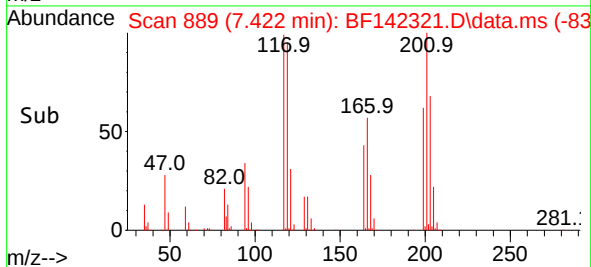
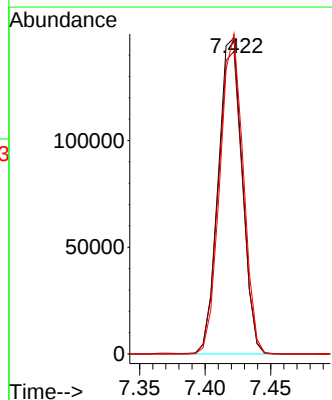
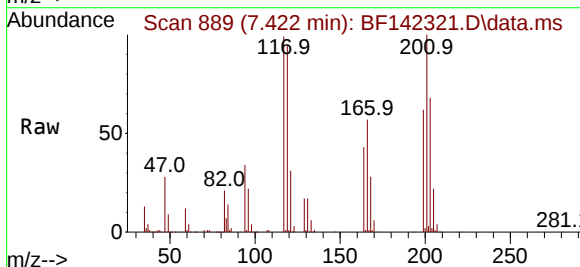
Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.1	136.7
77	43.6	34.7	52.1
79	42.8	34.5	51.7

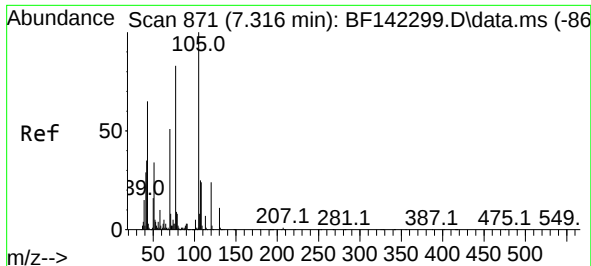


#18
Hexachloroethane
Concen: 36.612 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:117 Resp: 188633

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.9	115.3
201	101.2	78.0	117.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.885 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

Tgt Ion: 70 Resp: 392392

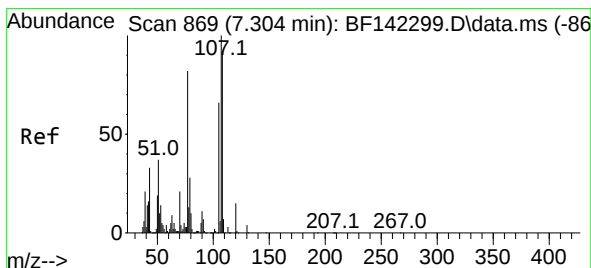
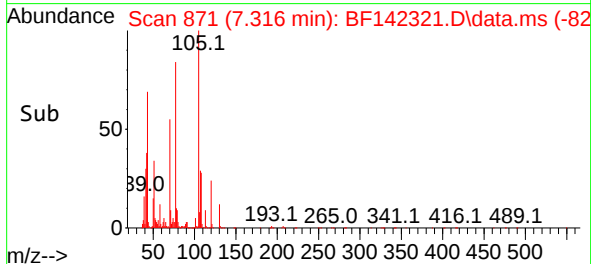
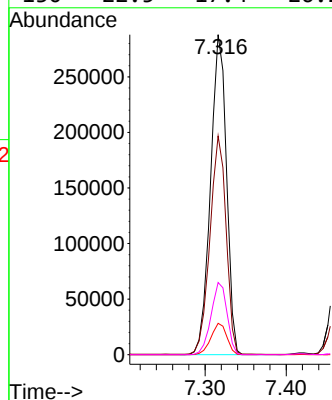
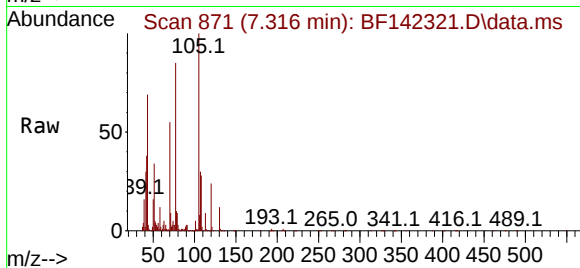
Ion Ratio Lower Upper

70 100

42 68.4 54.8 82.2

101 9.8 7.7 11.5

130 22.5 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.691 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Tgt Ion: 107 Resp: 581497

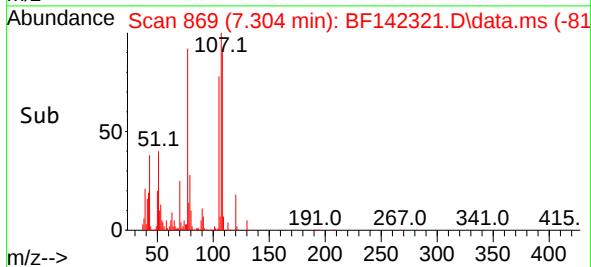
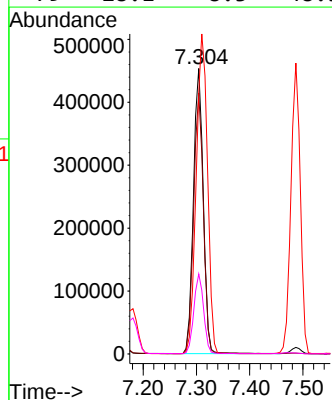
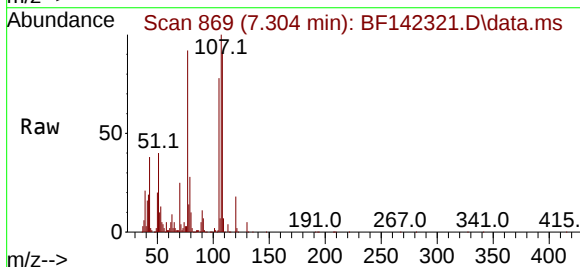
Ion Ratio Lower Upper

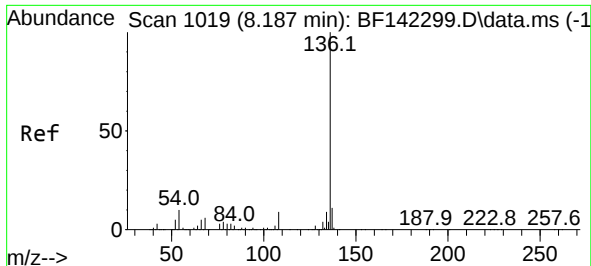
107 100

108 91.4 71.5 111.5

77 91.7 61.6 101.6

79 28.1 8.3 48.3

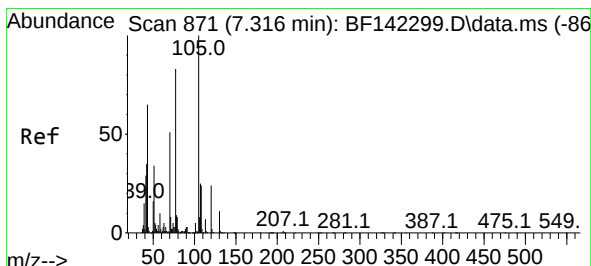
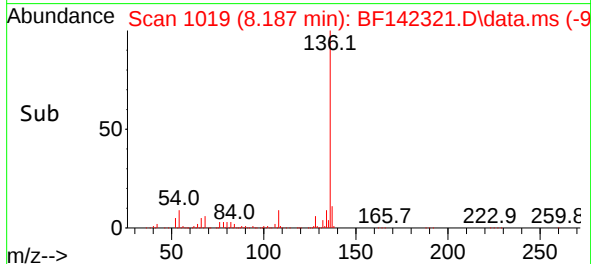
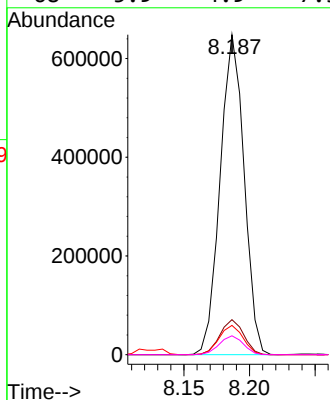
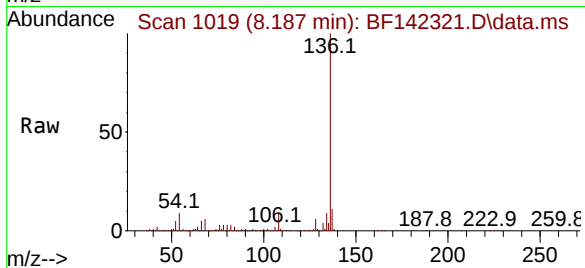




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

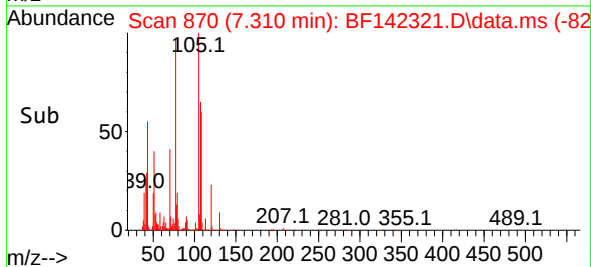
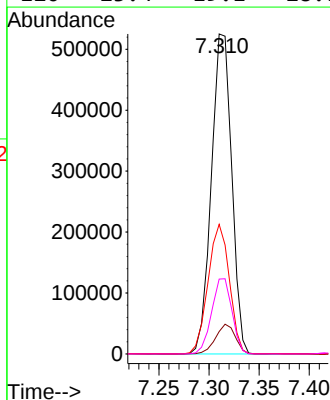
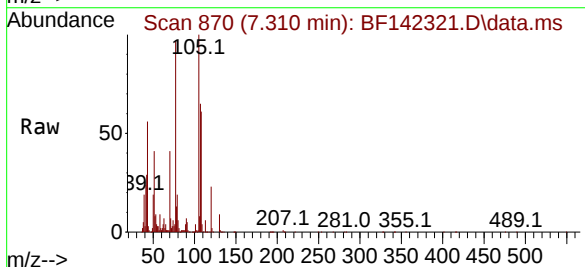
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

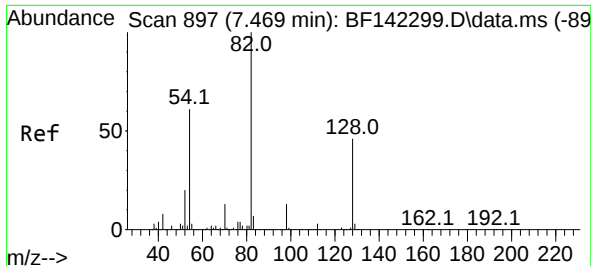
Tgt Ion:	136	Resp:	822738
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	7.7	11.5
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 40.558 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:	105	Resp:	741936
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.7	10.1
51	40.5	27.6	41.4
120	23.4	19.1	28.7





#23

Nitrobenzene-d5

Concen: 82.851 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

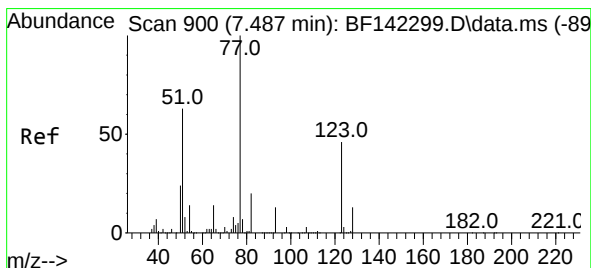
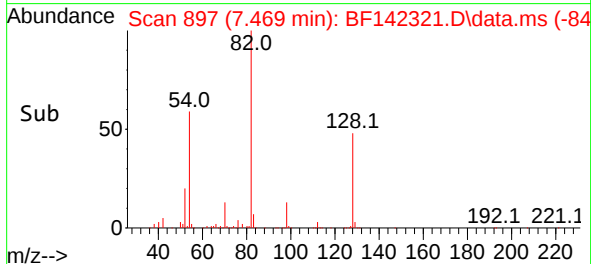
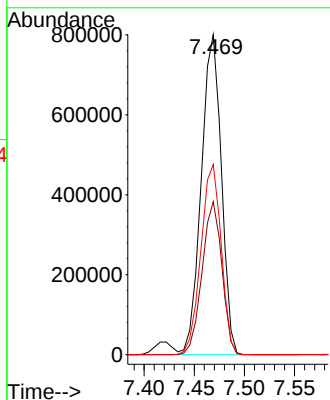
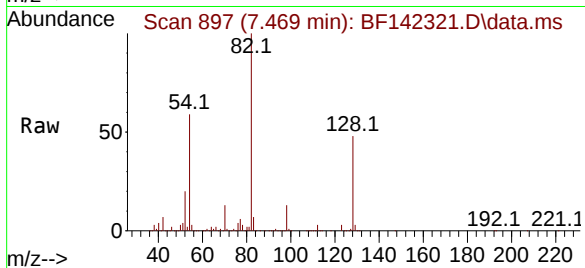
BNA_F

ClientSampleId :

MH-LLMSD

Tgt Ion: 82 Resp: 1117695

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.6
54	59.5	48.6	73.0



#24

Nitrobenzene

Concen: 44.438 ng

RT: 7.487 min Scan# 900

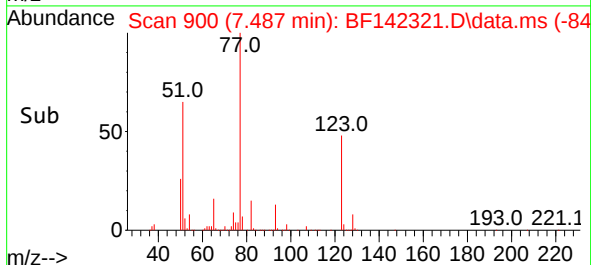
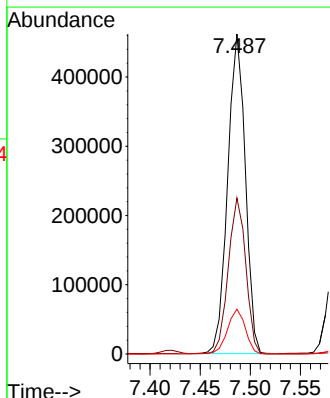
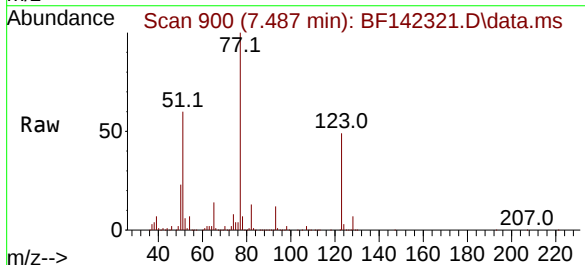
Delta R.T. -0.000 min

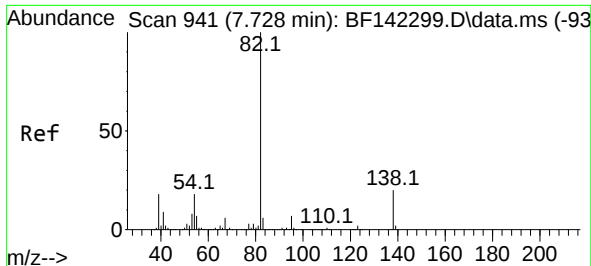
Lab File: BF142321.D

Acq: 12 May 2025 15:42

Tgt Ion: 77 Resp: 565096

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.8	56.8
65	14.0	11.4	17.0

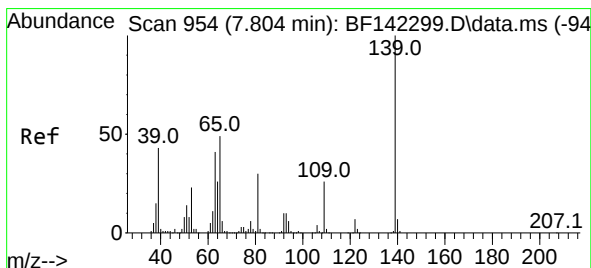
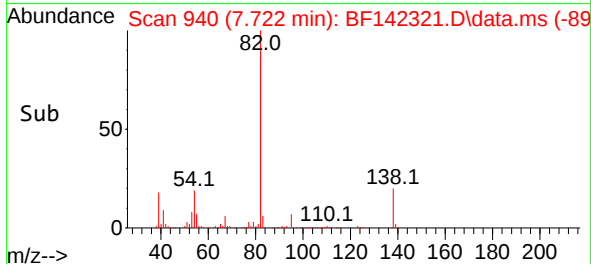
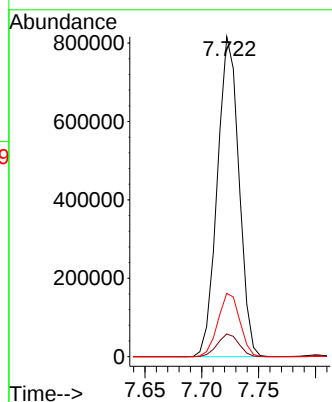
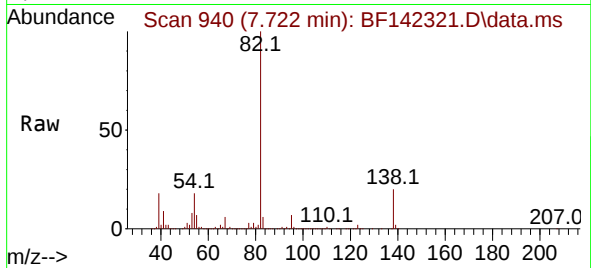




#25
Isophorone
Concen: 42.298 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

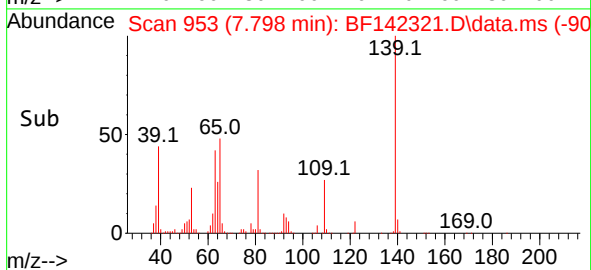
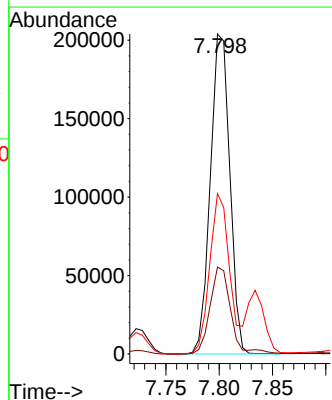
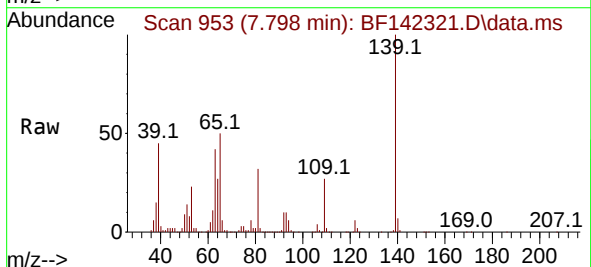
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

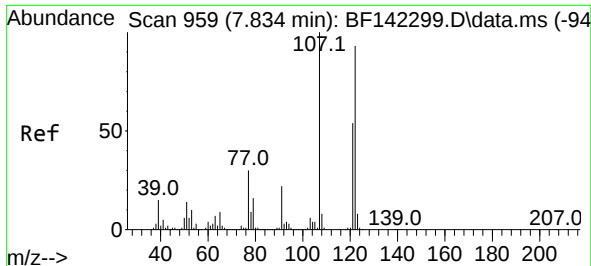
Tgt Ion: 82 Resp: 1080543
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.8 16.1 24.1



#26
2-Nitrophenol
Concen: 42.781 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:139 Resp: 259241
Ion Ratio Lower Upper
139 100
109 27.1 20.8 31.2
65 50.1 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.264 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

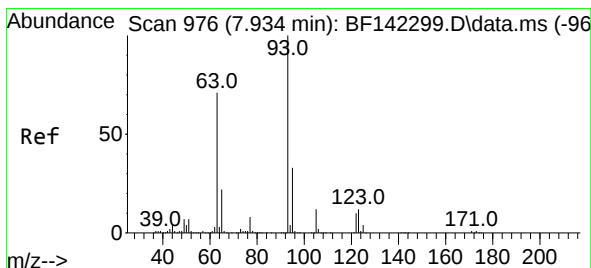
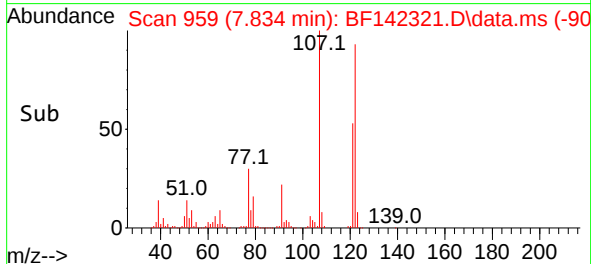
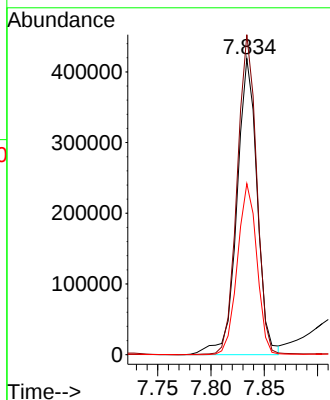
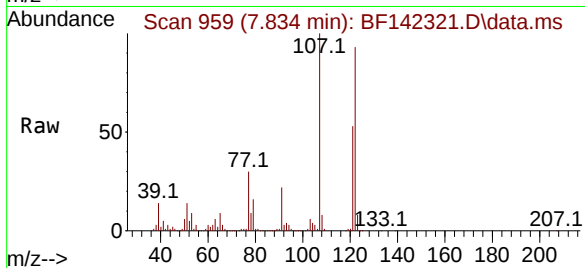
Tgt Ion:122 Resp: 555676

Ion Ratio Lower Upper

122 100

107 108.1 86.0 129.0

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.789 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

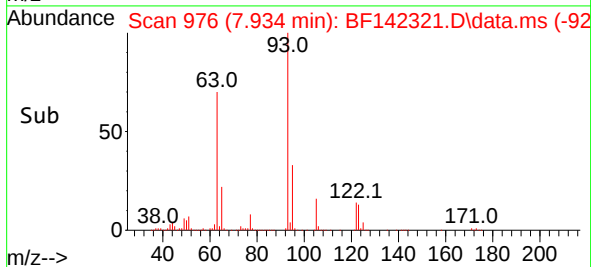
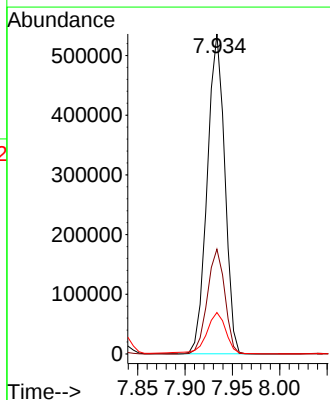
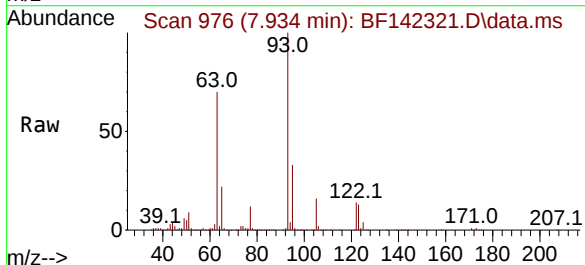
Tgt Ion: 93 Resp: 686449

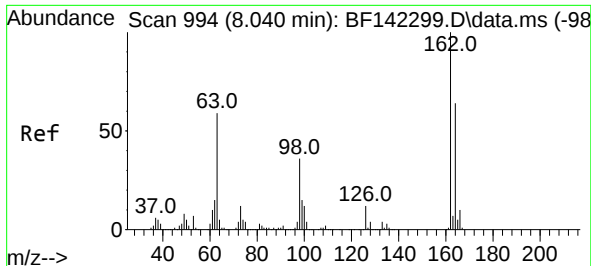
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.530 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

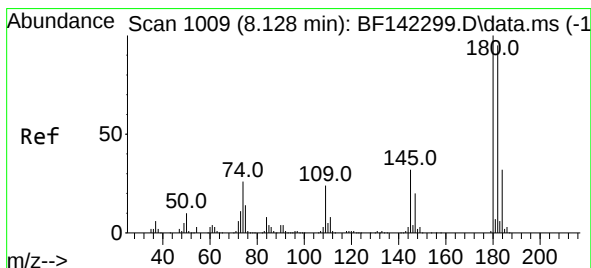
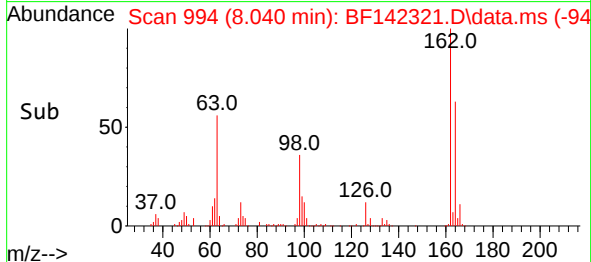
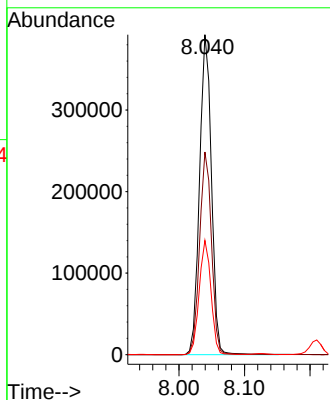
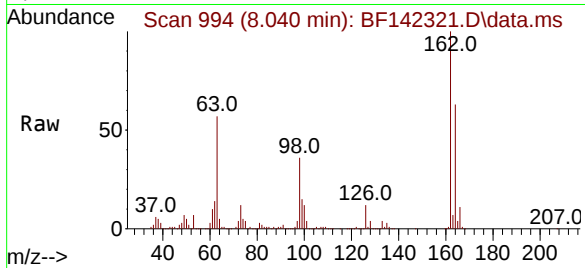
Tgt Ion:162 Resp: 497162

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 40.872 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

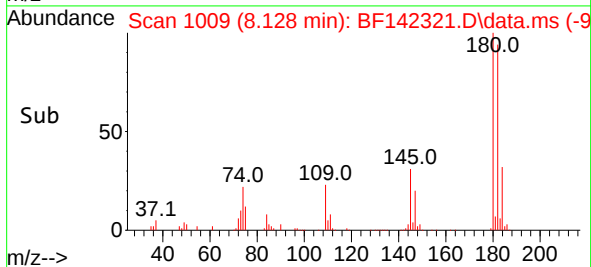
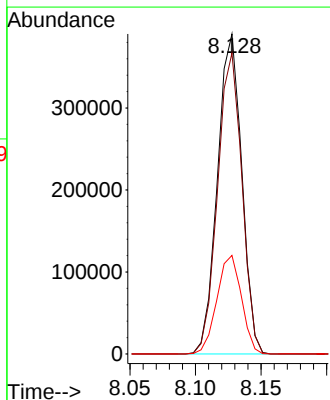
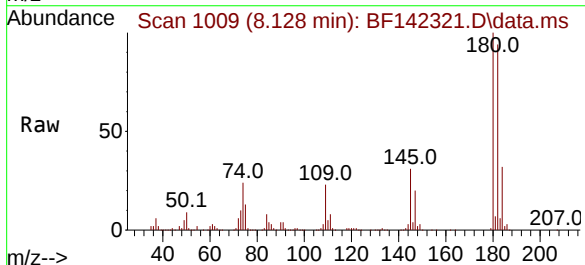
Tgt Ion:180 Resp: 502274

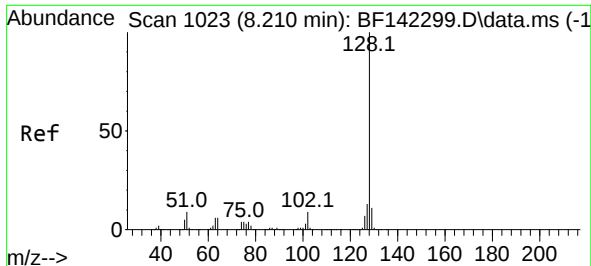
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

145 30.8 25.8 38.6

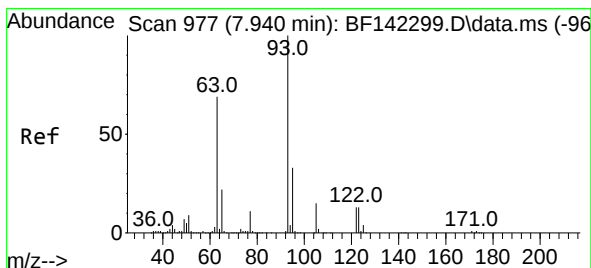
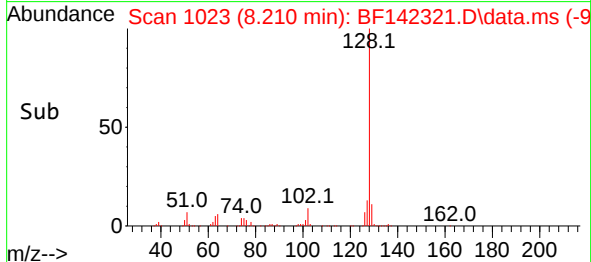
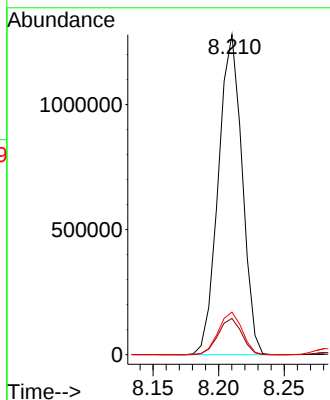
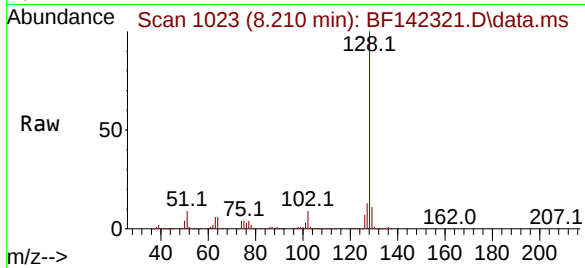




#31
Naphthalene
Concen: 40.475 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

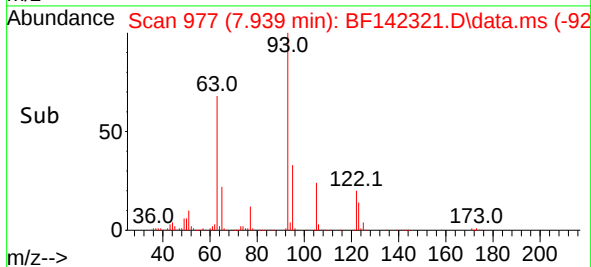
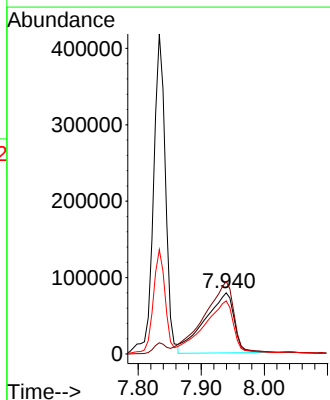
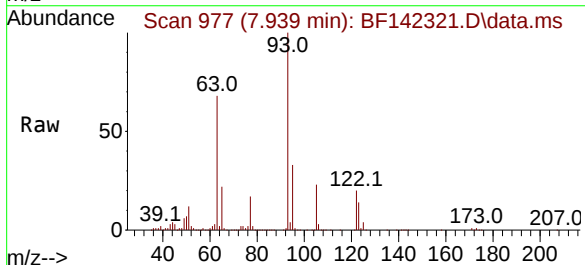
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

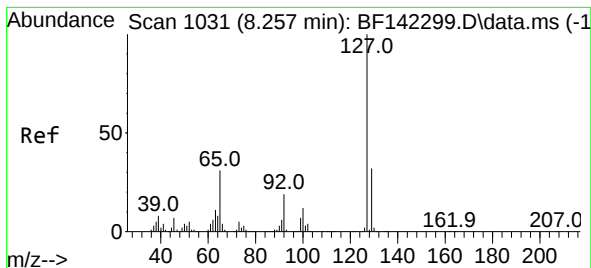
Tgt Ion:128 Resp: 1613909
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 39.646 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:122 Resp: 257105
Ion Ratio Lower Upper
122 100
105 118.7 97.9 137.9
77 87.1 67.7 107.7





#33

4-Chloroaniline

Concen: 4.743 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.024 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

Tgt Ion:127 Resp: 77178

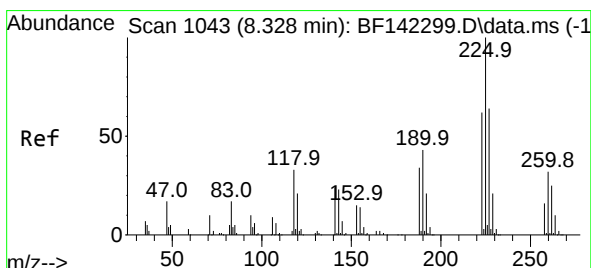
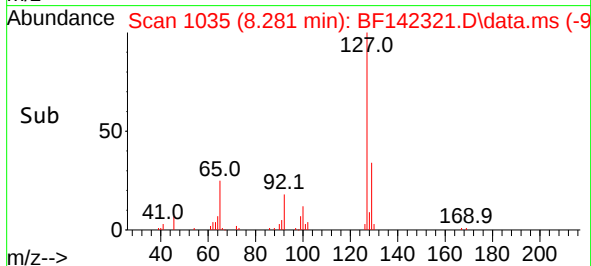
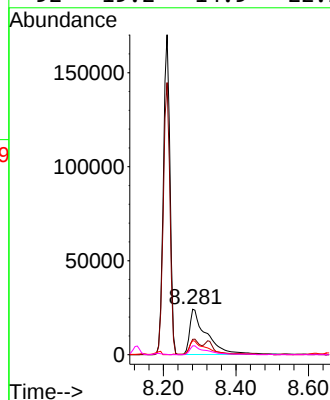
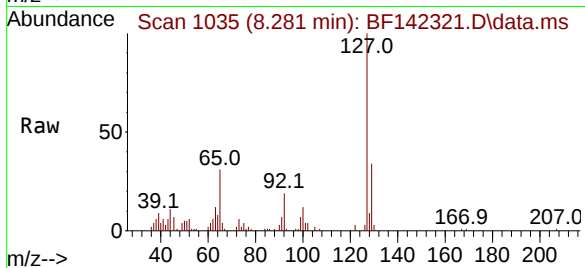
Ion Ratio Lower Upper

127 100

129 33.8 25.7 38.5

65 31.0 24.9 37.3

92 19.2 14.9 22.3



#34

Hexachlorobutadiene

Concen: 40.582 ng

RT: 8.328 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

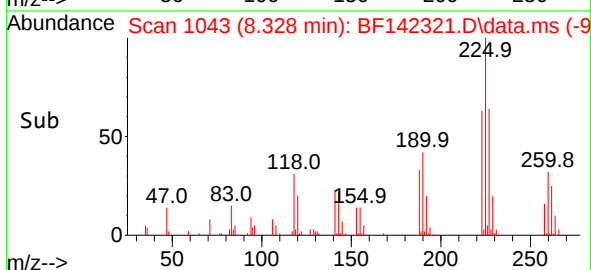
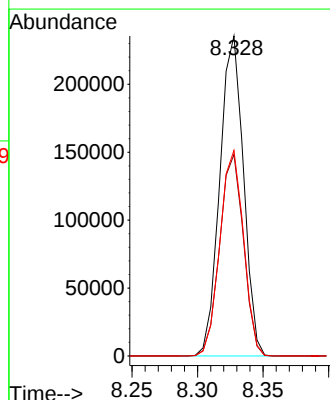
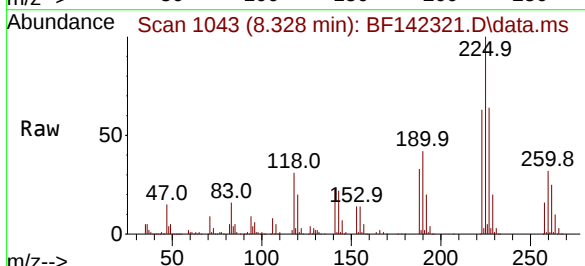
Tgt Ion:225 Resp: 295311

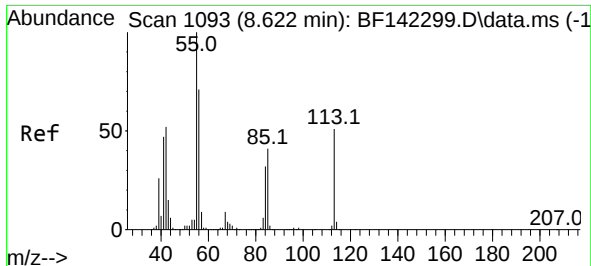
Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.6

227 64.2 50.9 76.3

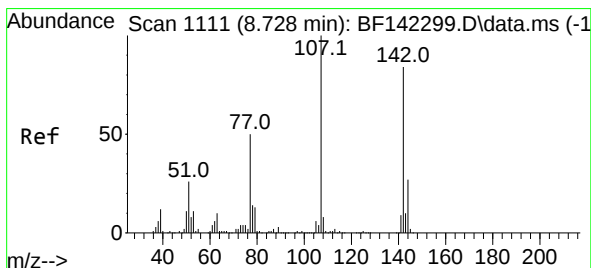
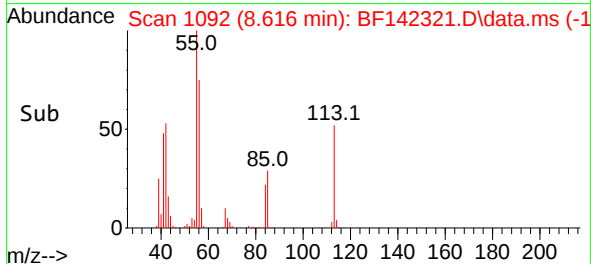
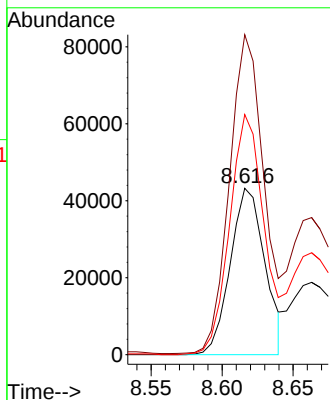
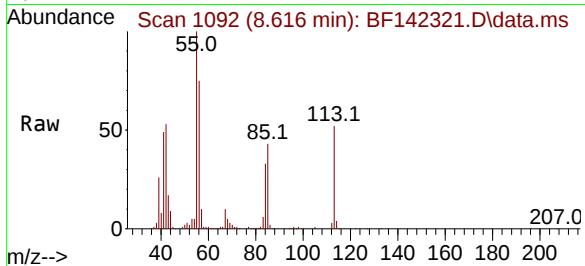




#35
Caprolactam
Concen: 23.050 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

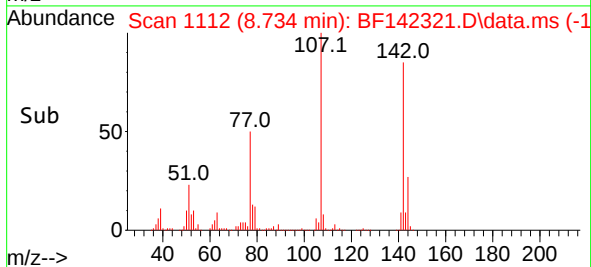
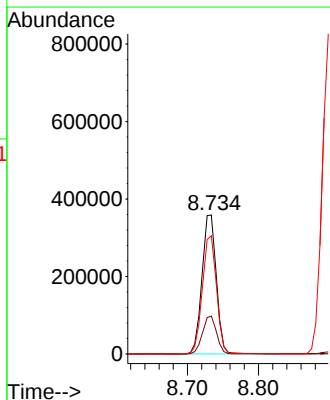
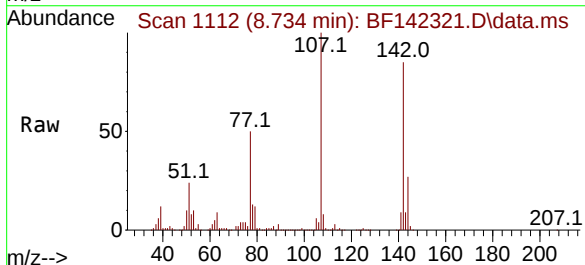
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

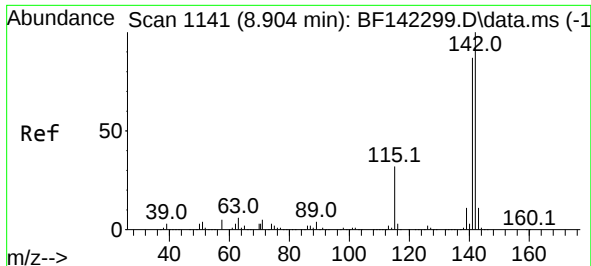
Tgt Ion:113 Resp: 73356
Ion Ratio Lower Upper
113 100
55 192.3 176.4 216.4
56 144.3 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 44.548 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:107 Resp: 505656
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 85.2 66.9 100.3





#37

2-Methylnaphthalene

Concen: 41.805 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

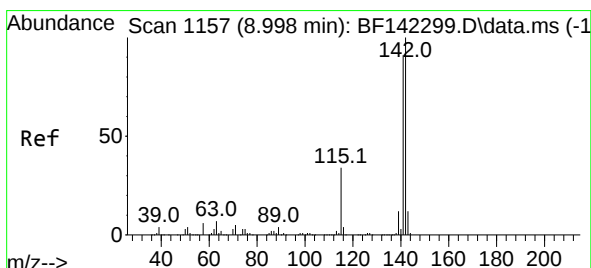
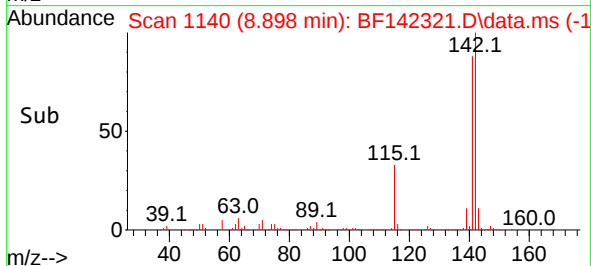
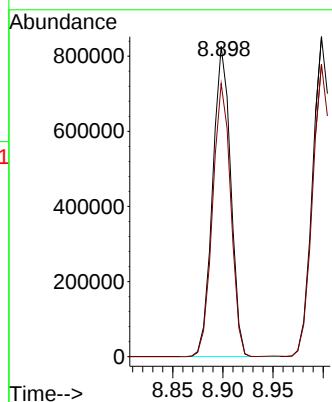
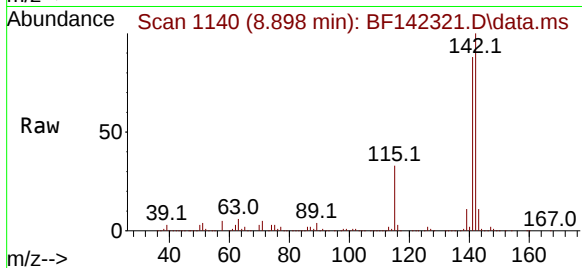
MH-LLMSD

Tgt Ion:142 Resp: 1035817

Ion Ratio Lower Upper

142 100

141 88.0 69.4 104.2



#38

1-Methylnaphthalene

Concen: 41.697 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142321.D

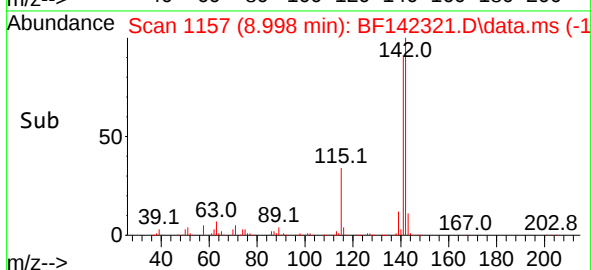
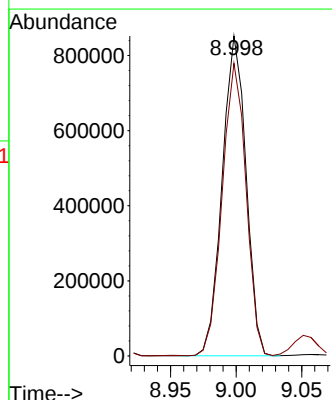
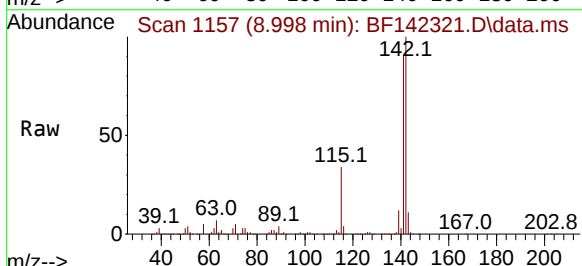
Acq: 12 May 2025 15:42

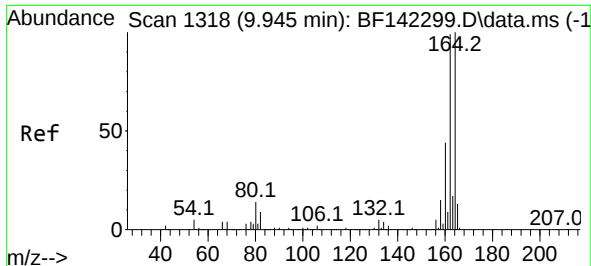
Tgt Ion:142 Resp: 1076807

Ion Ratio Lower Upper

142 100

141 91.4 72.5 108.7

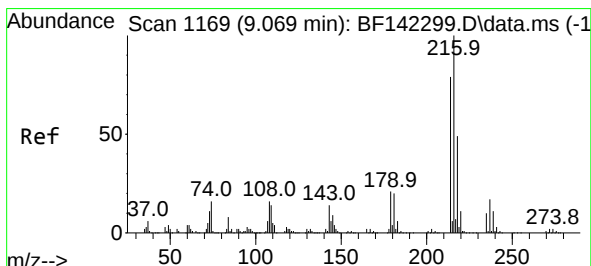
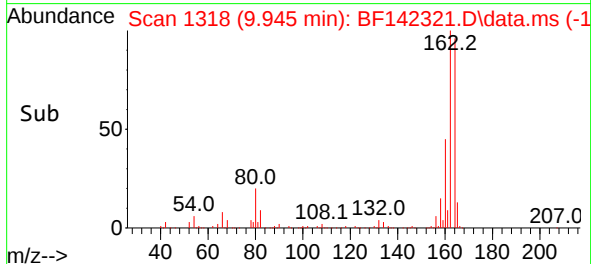
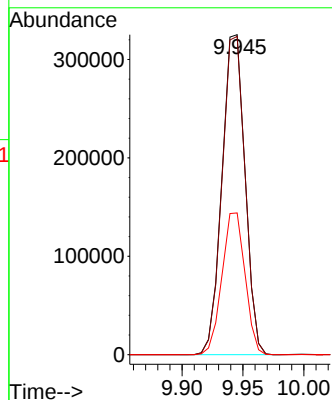
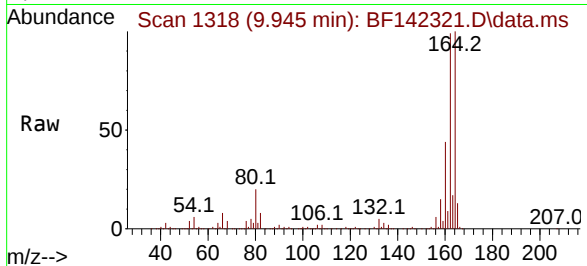




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

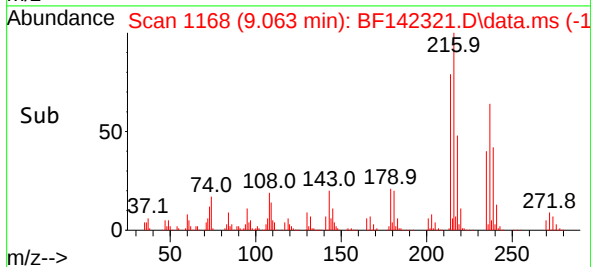
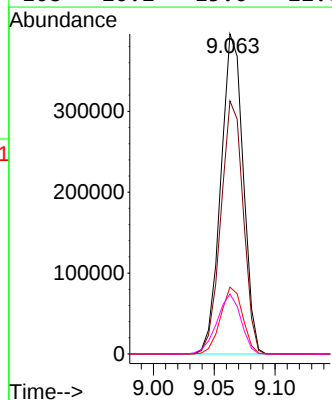
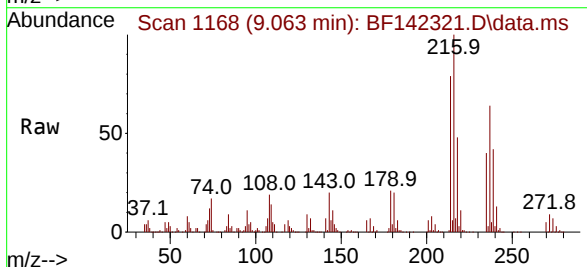
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

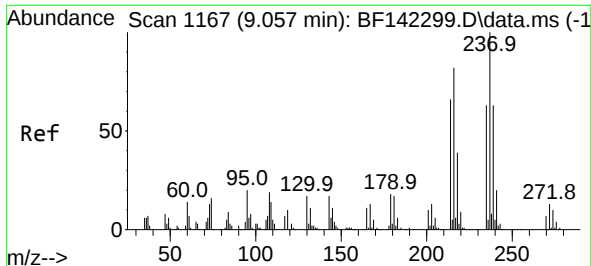
Tgt Ion:164 Resp: 428474
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 44.3 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.253 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:216 Resp: 505639
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 20.6 17.0 25.6
108 20.2 15.0 22.6

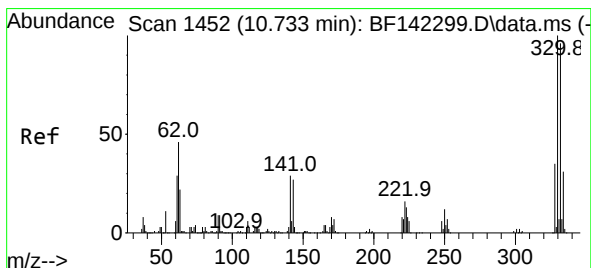
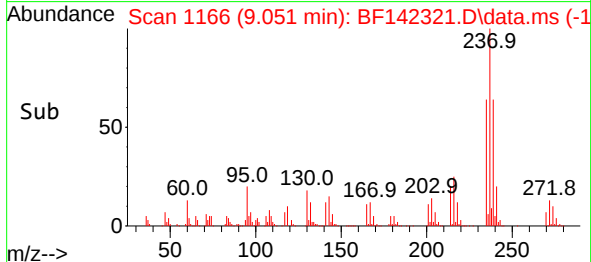
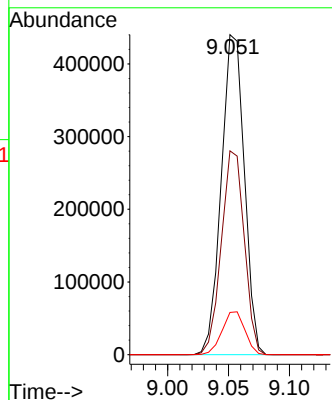
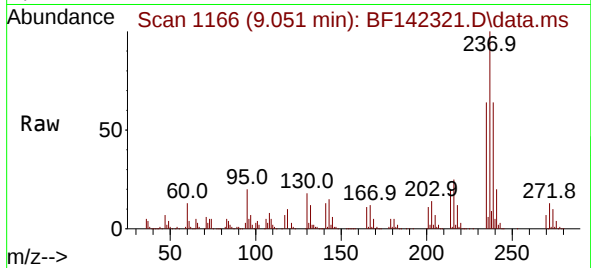




#41
Hexachlorocyclopentadiene
Concen: 78.464 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

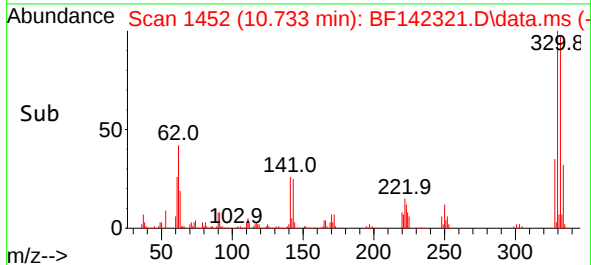
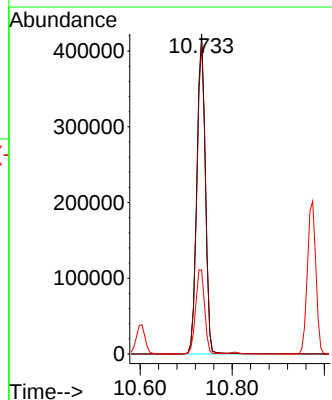
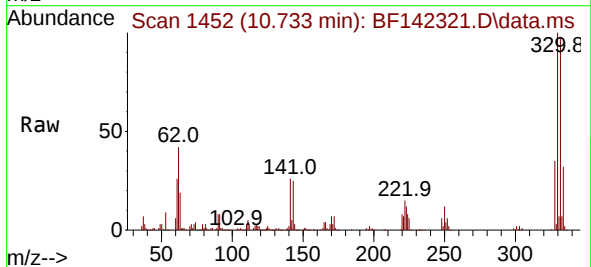
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

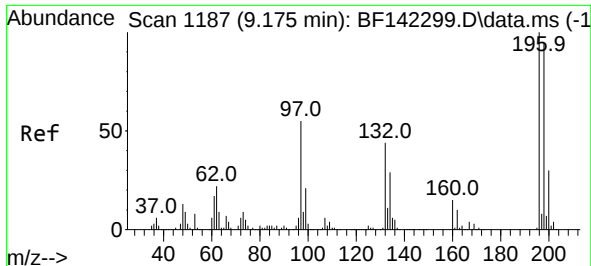
Tgt Ion:237 Resp: 580308
Ion Ratio Lower Upper
237 100
235 63.7 42.8 82.8
272 13.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 130.232 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:330 Resp: 538750
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 28.1 24.9 37.3

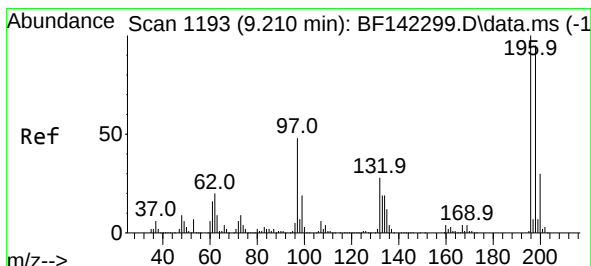
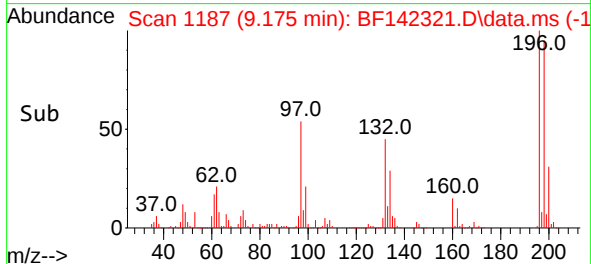
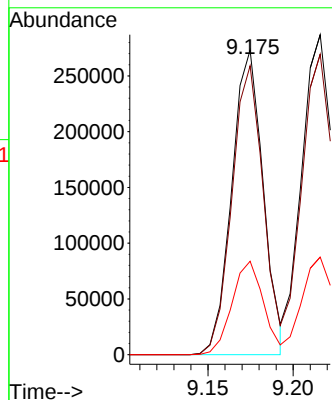
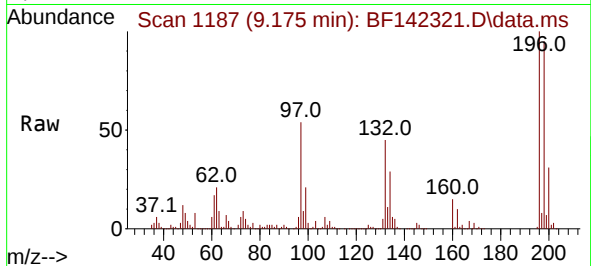




#43
 2,4,6-Trichlorophenol
 Concen: 46.388 ng
 RT: 9.175 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42

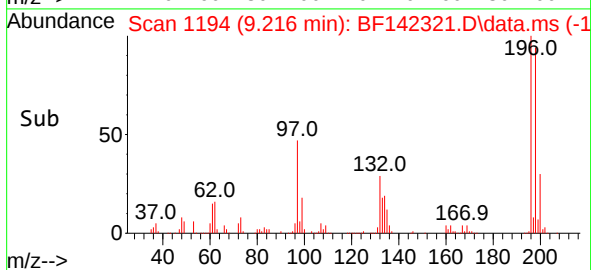
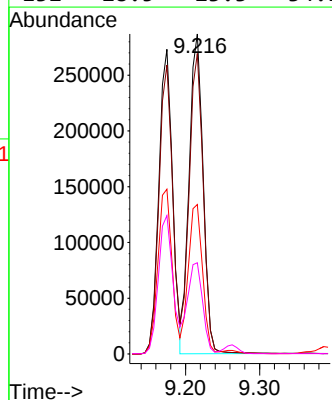
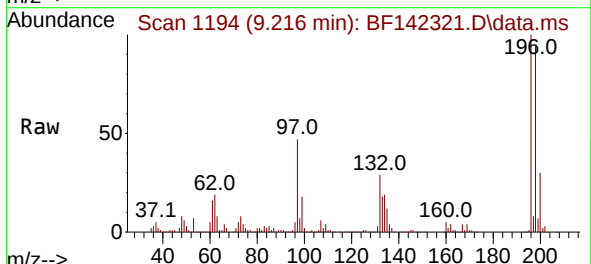
Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMSD

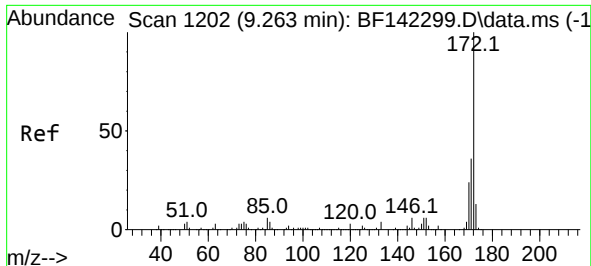
Tgt Ion:196 Resp: 350152
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.0
 200 30.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.876 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42

Tgt Ion:196 Resp: 376486
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.1 114.1
 97 46.7 39.0 58.4
 132 28.5 23.3 34.9

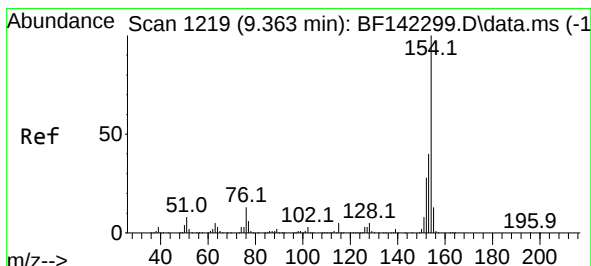
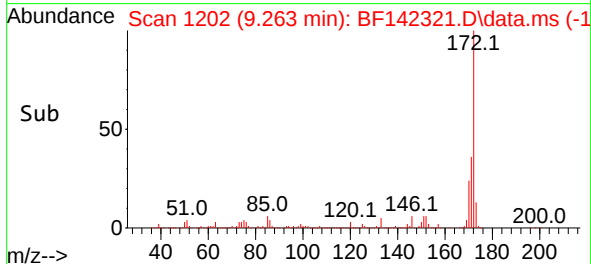
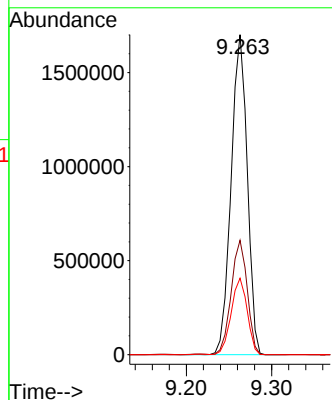
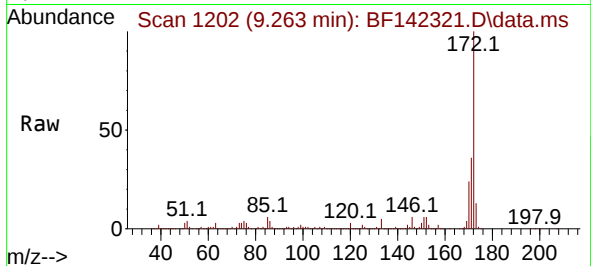




#45
2-Fluorobiphenyl
Concen: 74.638 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

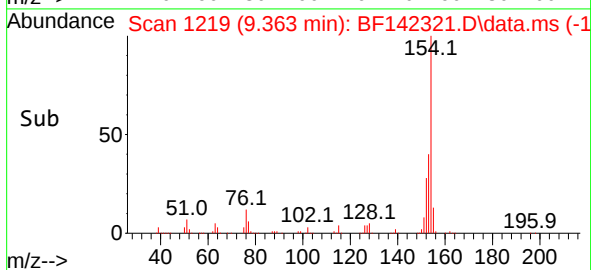
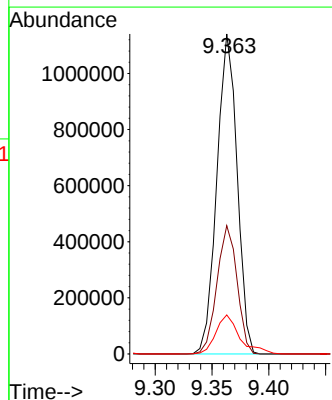
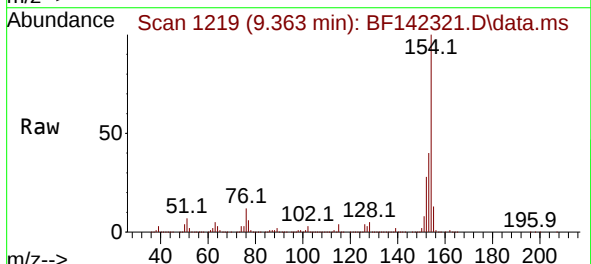
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

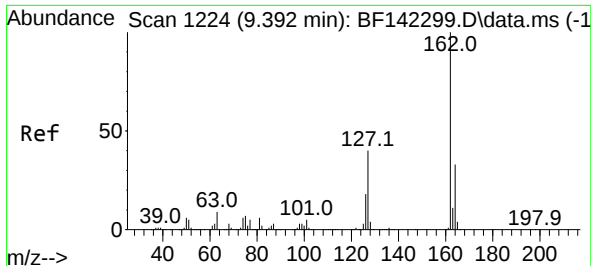
Tgt Ion:172 Resp: 2242851
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.001 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:154 Resp: 1412700
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 42.759 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

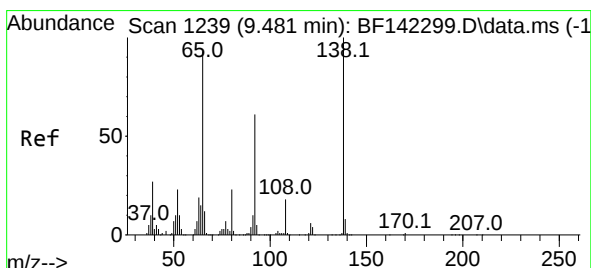
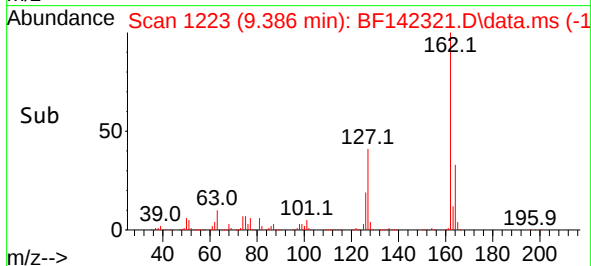
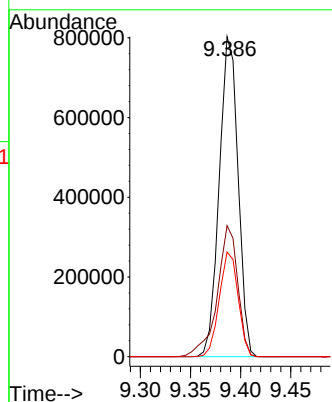
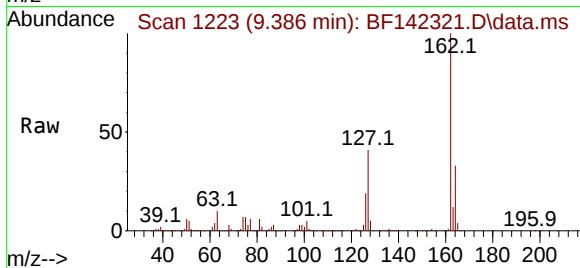
Tgt Ion:162 Resp: 1044684

Ion Ratio Lower Upper

162 100

127 41.0 32.3 48.5

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 47.580 ng

RT: 9.481 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

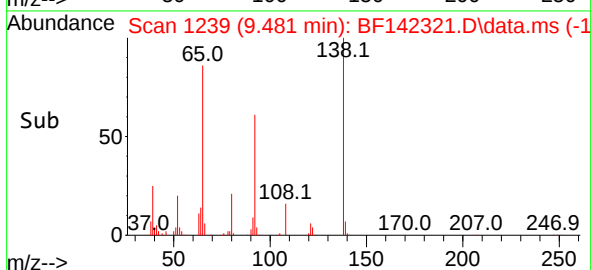
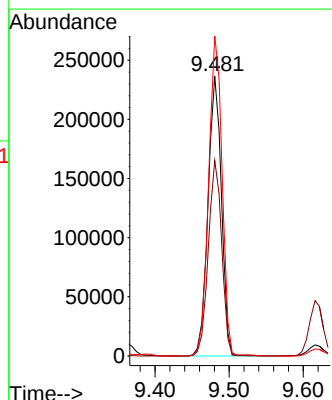
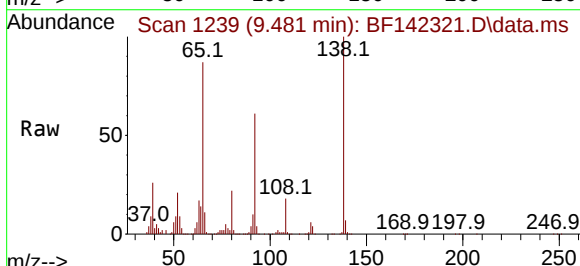
Tgt Ion: 65 Resp: 297966

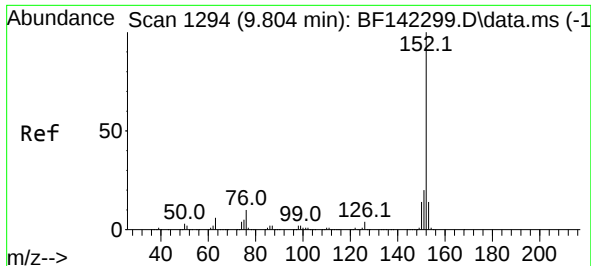
Ion Ratio Lower Upper

65 100

92 69.9 52.3 78.5

138 114.4 85.6 128.4

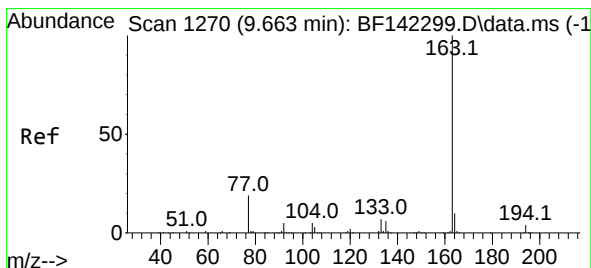
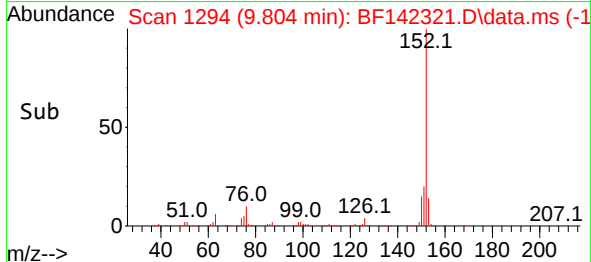
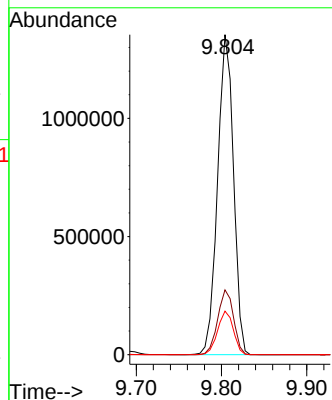
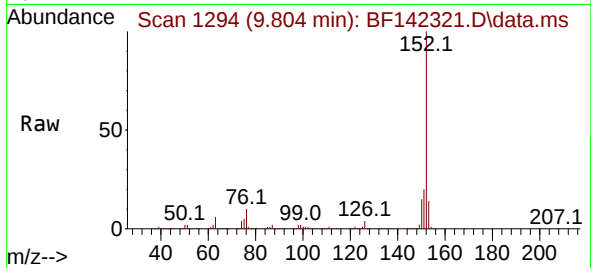




#49
Acenaphthylene
Concen: 42.978 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

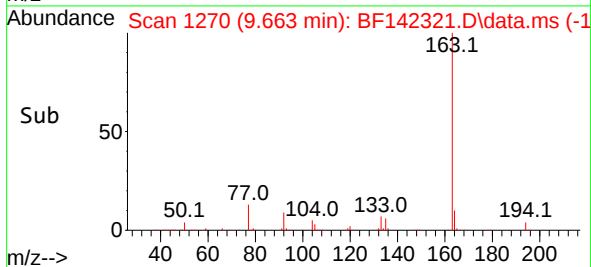
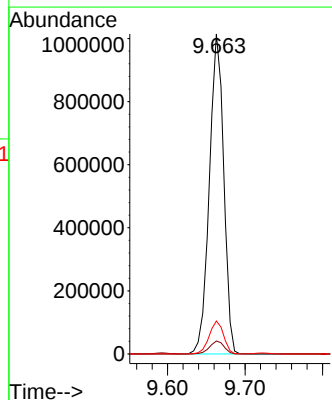
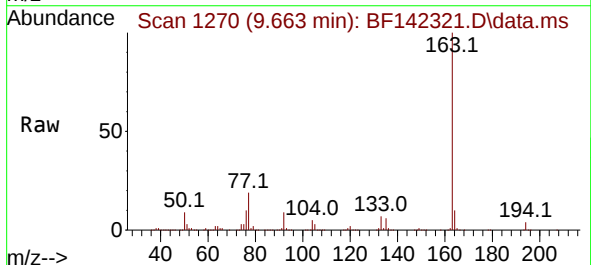
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

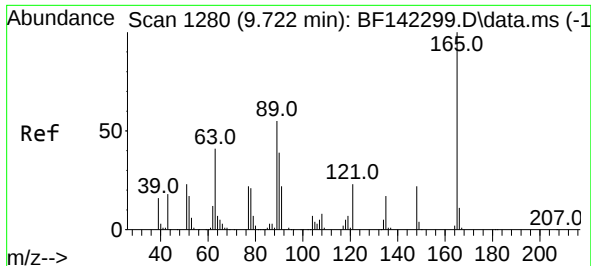
Tgt Ion:152 Resp: 1756558
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 47.450 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:163 Resp: 1305523
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.3 12.5

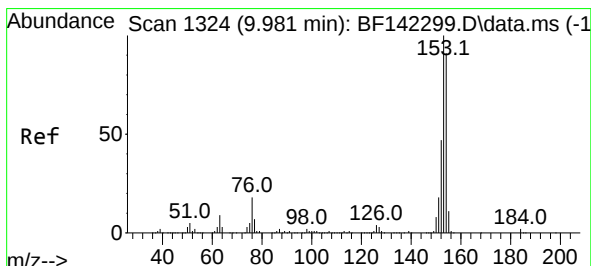
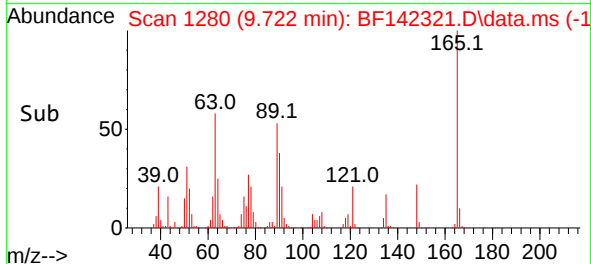
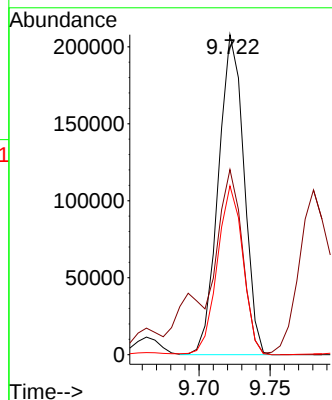
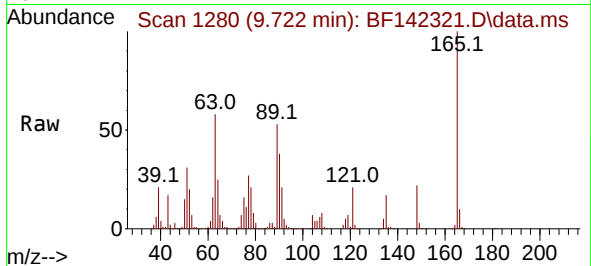




#51
2,6-Dinitrotoluene
Concen: 50.516 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

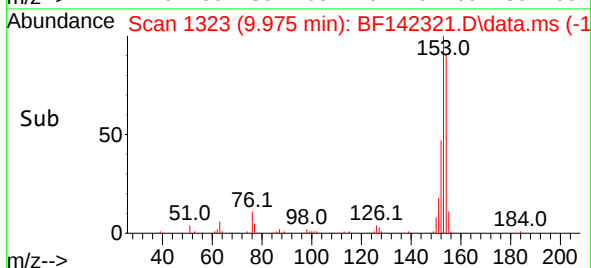
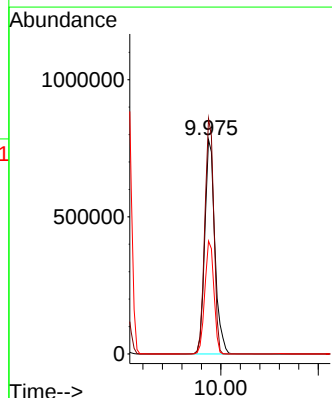
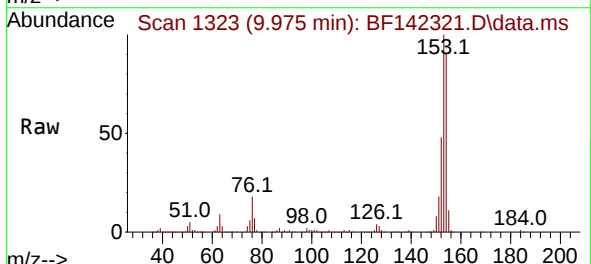
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

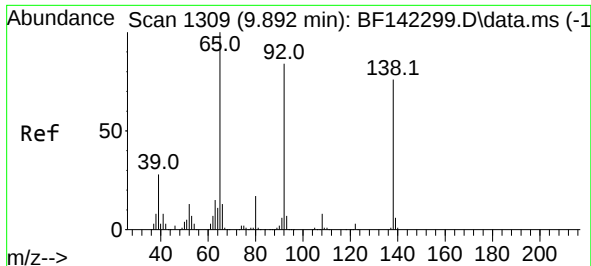
Tgt Ion:165 Resp: 260156
Ion Ratio Lower Upper
165 100
63 57.9 49.5 74.3
89 52.8 44.6 66.8



#52
Acenaphthene
Concen: 45.680 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:154 Resp: 1122595
Ion Ratio Lower Upper
154 100
153 109.9 88.0 132.0
152 52.7 41.6 62.4

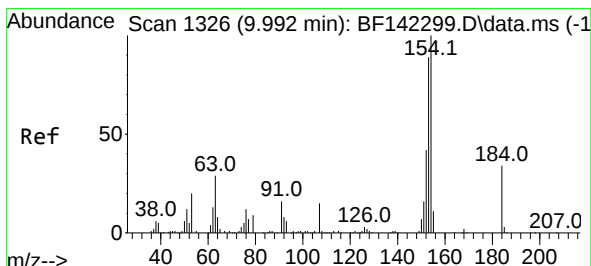
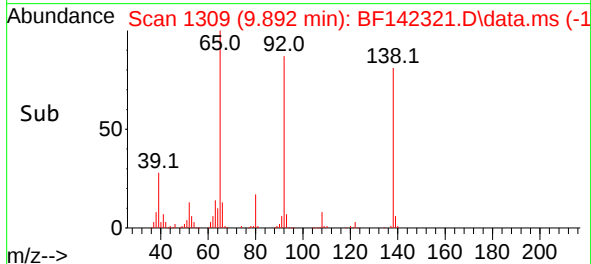
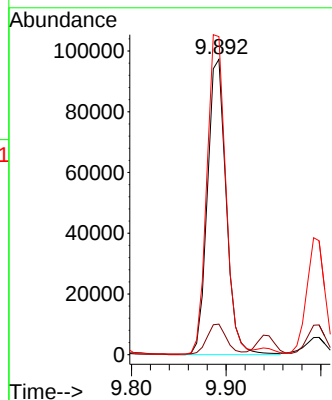
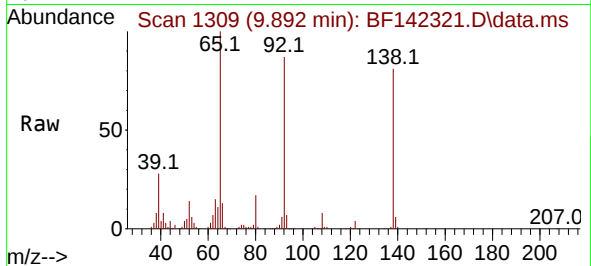




#53
3-Nitroaniline
Concen: 22.190 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

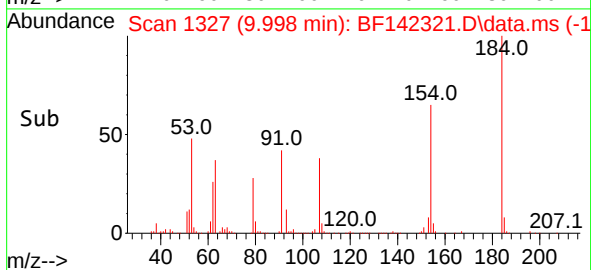
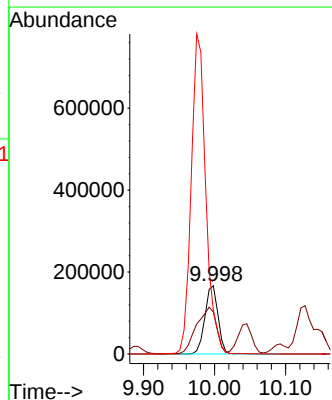
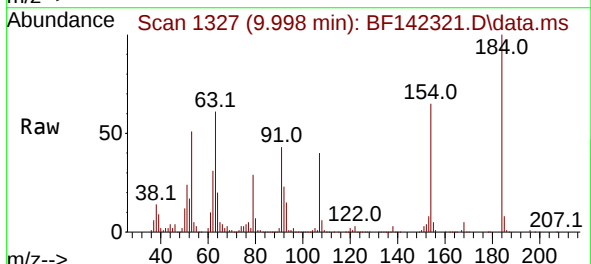
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

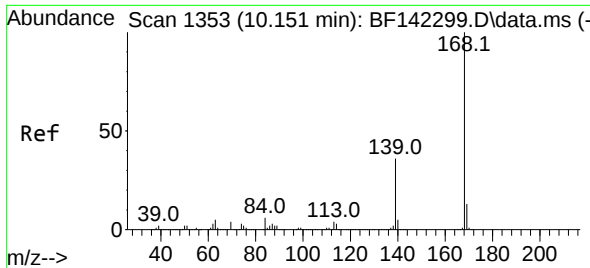
Tgt Ion:138 Resp: 134027
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 107.7 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 79.805 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:184 Resp: 214964
Ion Ratio Lower Upper
184 100
63 61.4 70.6 105.8#
154 64.8 257.2 385.8#

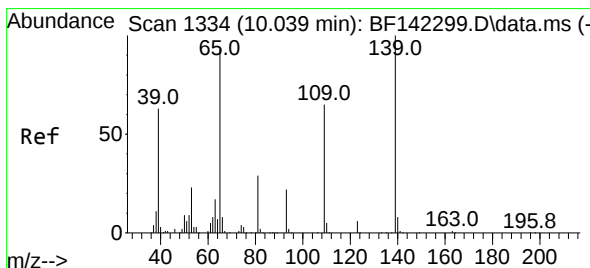
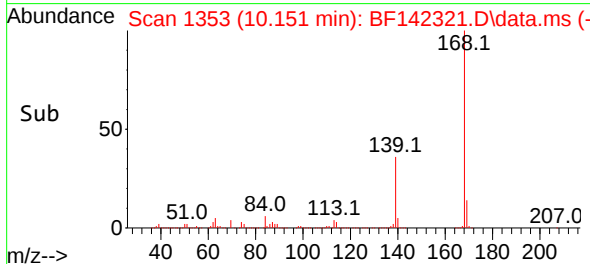
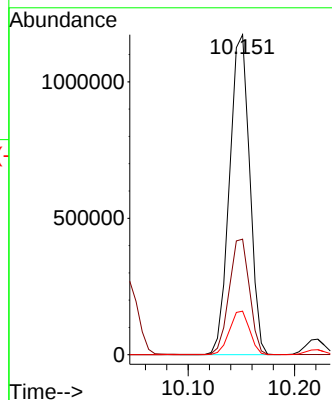
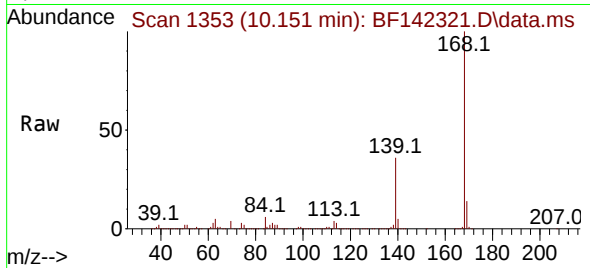




#55
Dibenzofuran
Concen: 42.437 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

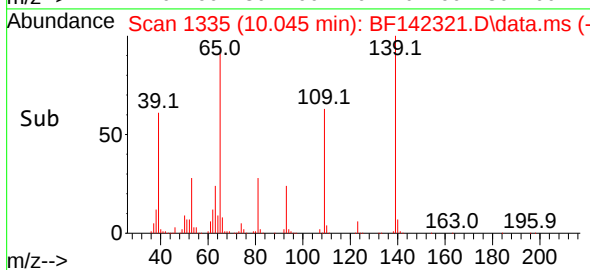
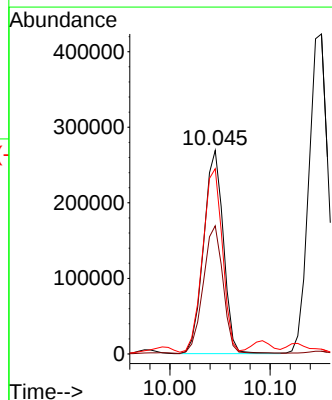
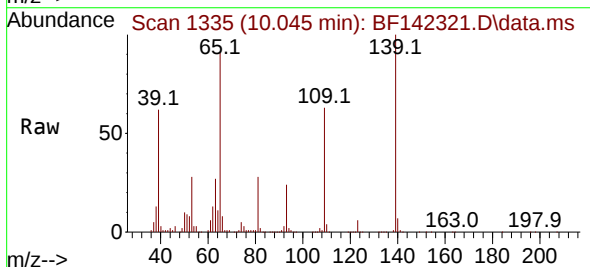
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

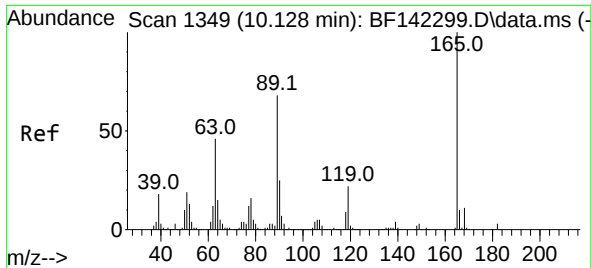
Tgt Ion:168 Resp: 1539122
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 80.959 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:139 Resp: 368025
Ion Ratio Lower Upper
139 100
109 63.0 45.3 85.3
65 91.1 73.9 113.9

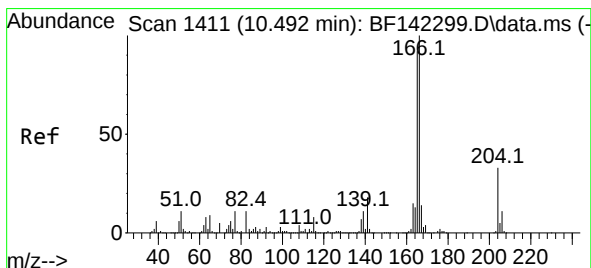
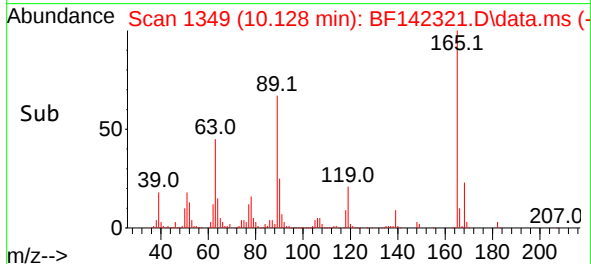
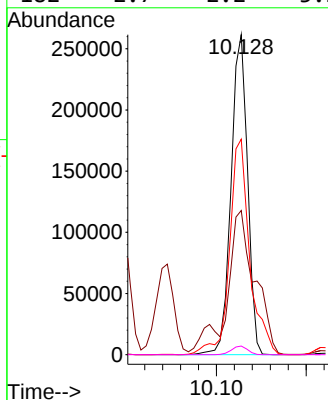
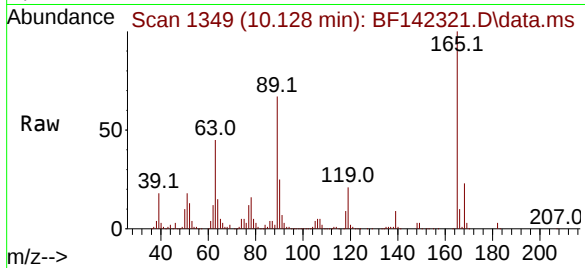




#57
2,4-Dinitrotoluene
Concen: 50.421 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

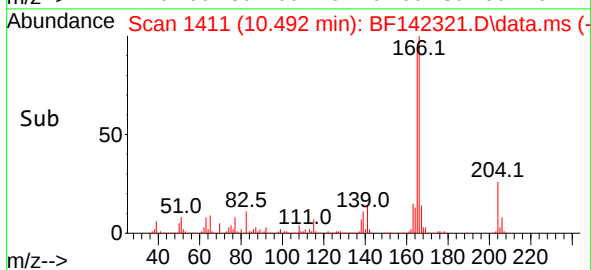
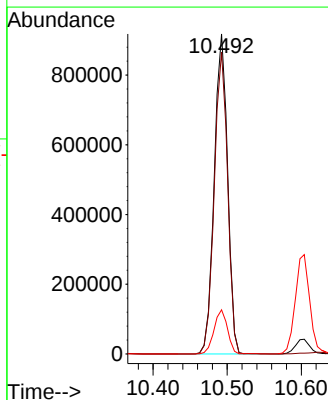
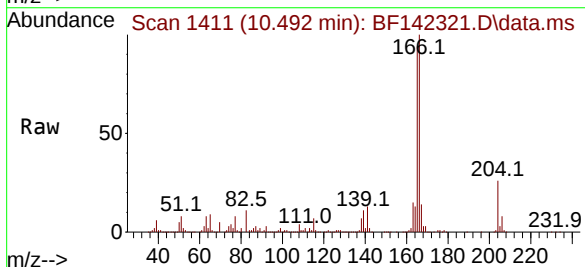
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

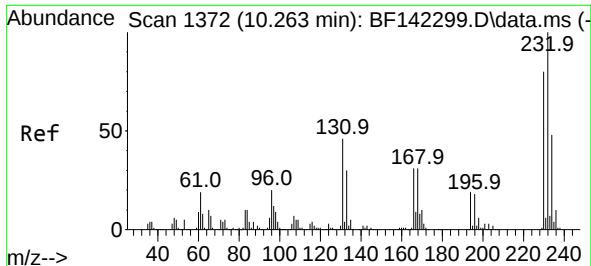
Tgt Ion:165 Resp: 333083
Ion Ratio Lower Upper
165 100
63 45.1 37.1 55.7
89 67.3 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.453 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:166 Resp: 1147354
Ion Ratio Lower Upper
166 100
165 94.3 74.0 111.0
167 13.8 10.9 16.3



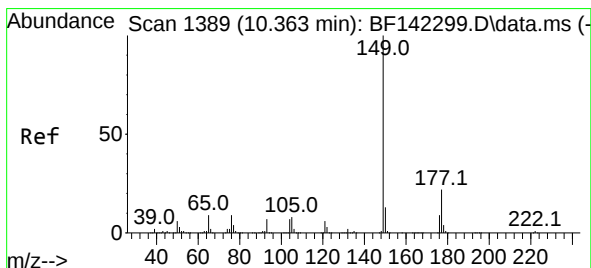
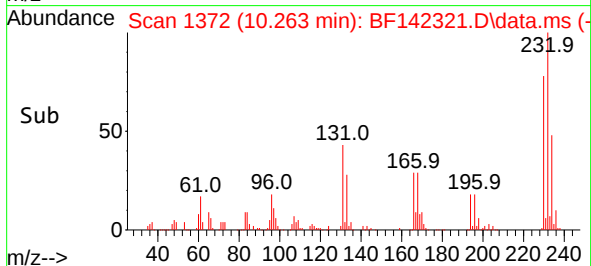
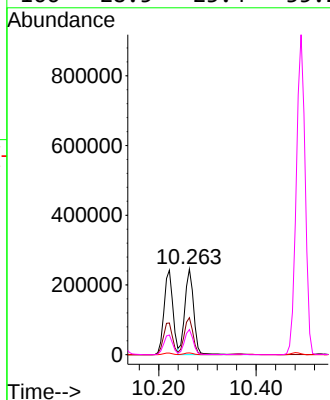
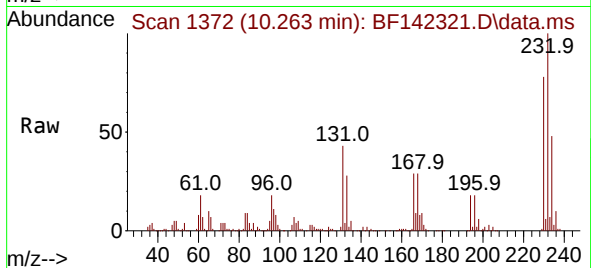


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.532 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

Tgt Ion:232 Resp: 308514

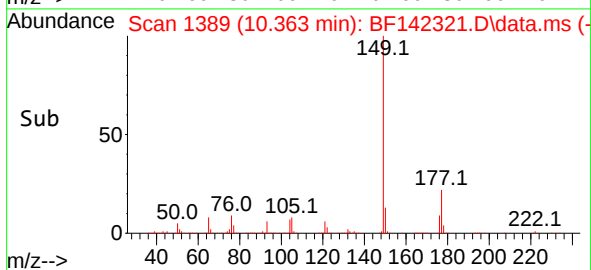
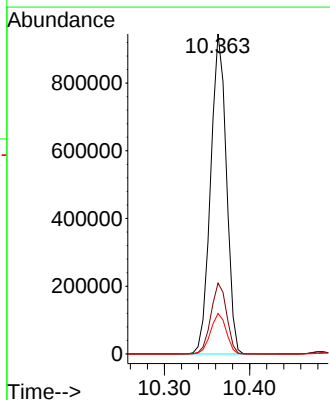
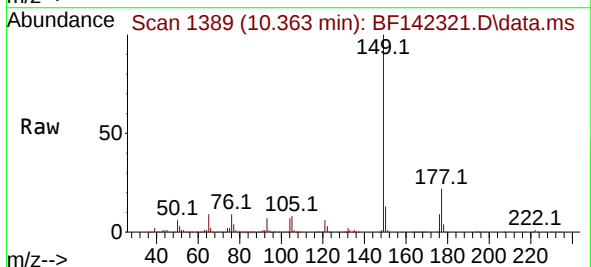
Ion	Ratio	Lower	Upper
232	100		
131	43.1	36.0	54.0
130	2.1	1.8	2.6
166	28.5	23.4	35.2

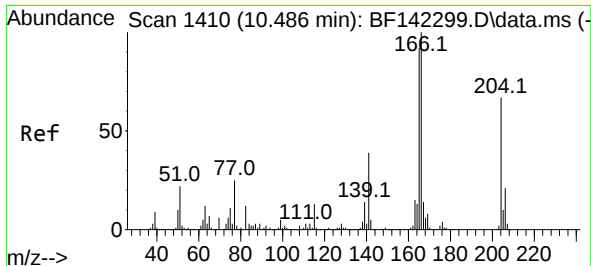


#60
Diethylphthalate
Concen: 44.146 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:149 Resp: 1212985

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.6	10.1	15.1

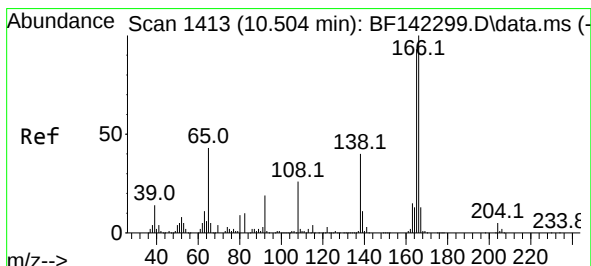
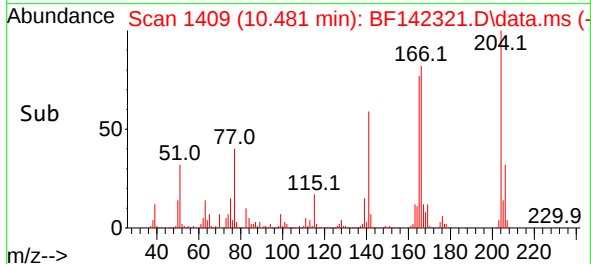
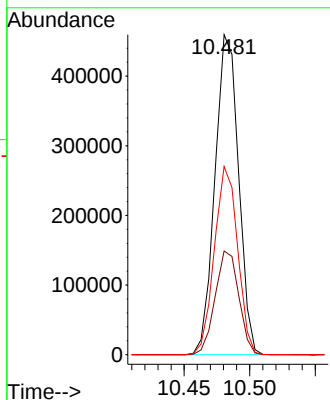
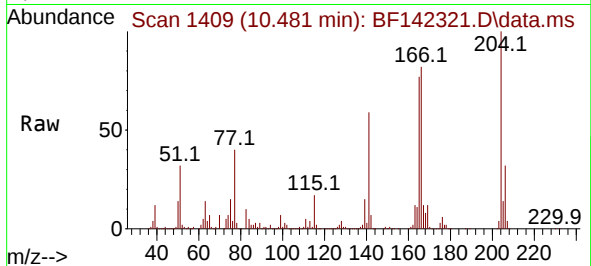




#61
4-Chlorophenyl-phenylether
Concen: 42.979 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

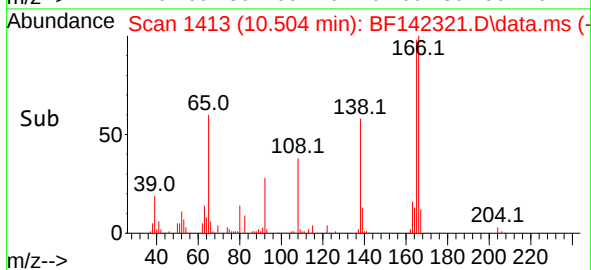
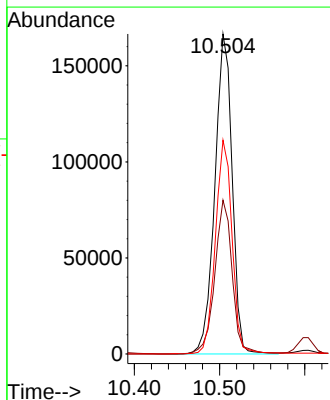
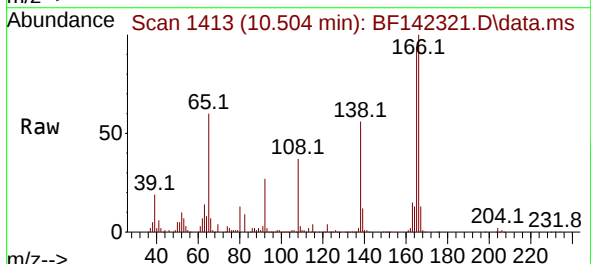
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

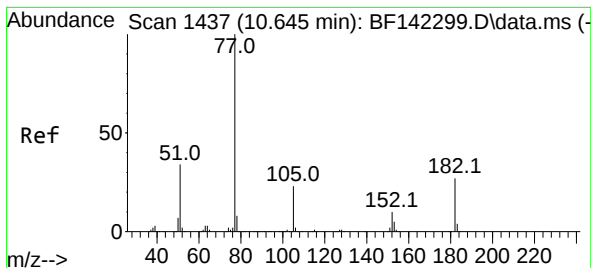
Tgt Ion:204 Resp: 573931
Ion Ratio Lower Upper
204 100
206 32.4 25.5 38.3
141 58.8 46.4 69.6



#62
4-Nitroaniline
Concen: 49.163 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:138 Resp: 235350
Ion Ratio Lower Upper
138 100
92 48.1 27.3 67.3
108 66.8 45.1 85.1





#63

Azobenzene

Concen: 42.523 ng

RT: 10.645 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

Tgt Ion: 77 Resp: 1116491

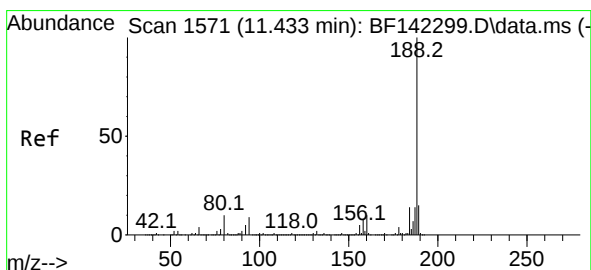
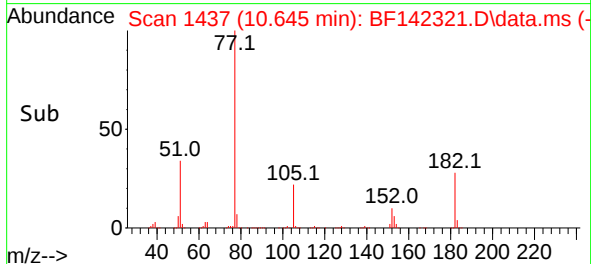
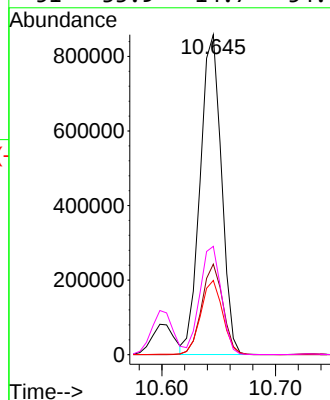
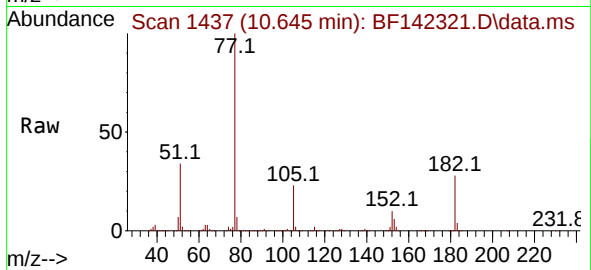
Ion Ratio Lower Upper

77 100

182 28.3 6.9 46.9

105 23.2 2.7 42.7

51 33.9 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

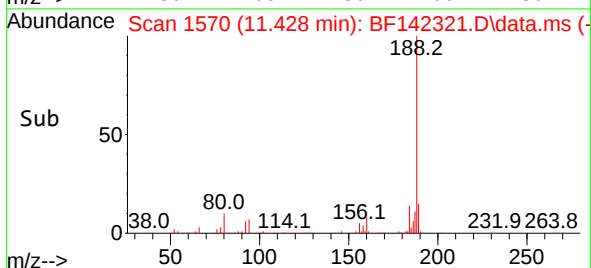
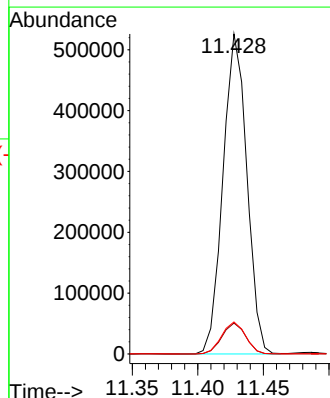
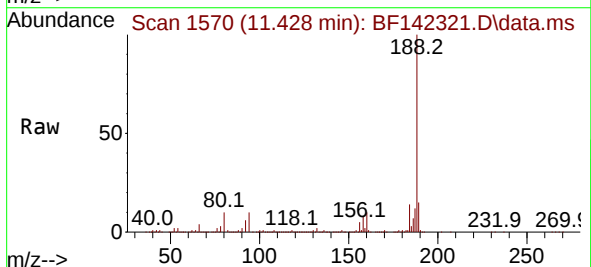
Tgt Ion: 188 Resp: 665779

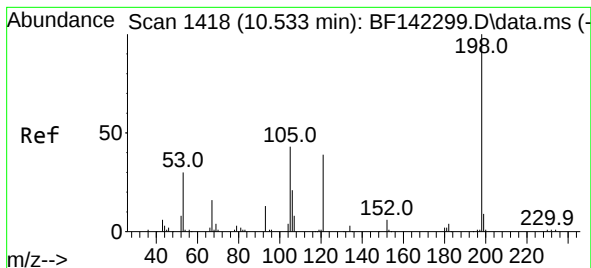
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.0 7.9 11.9

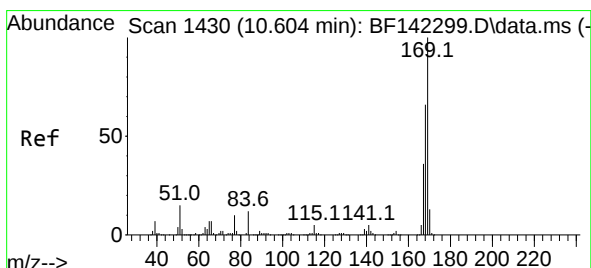
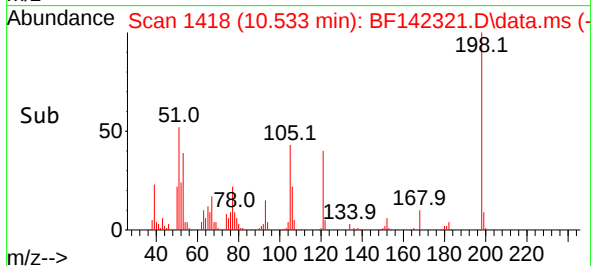
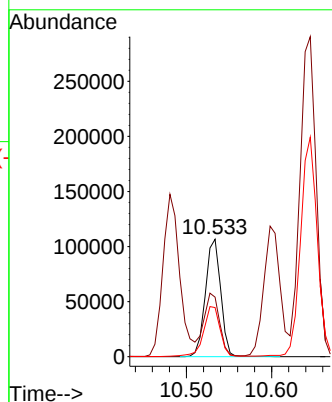
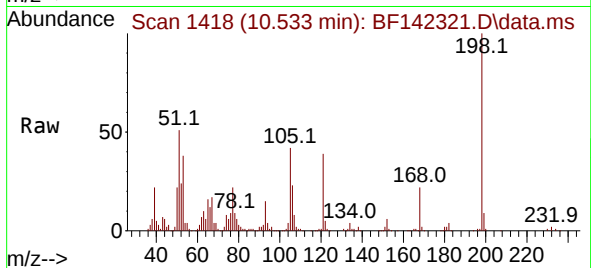




#65
4,6-Dinitro-2-methylphenol
Concen: 43.579 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

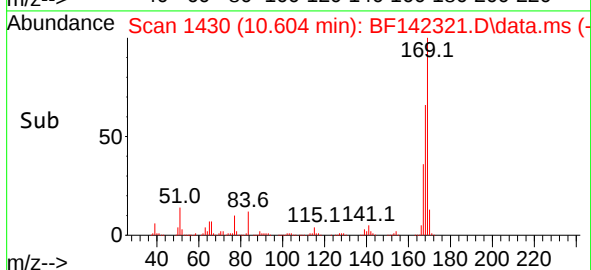
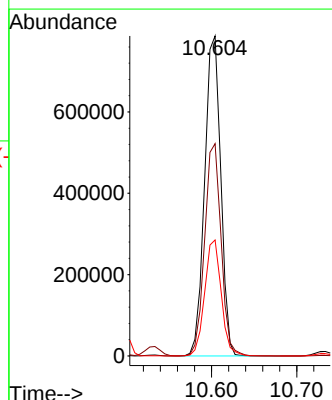
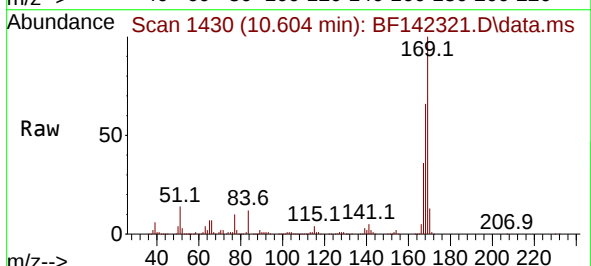
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

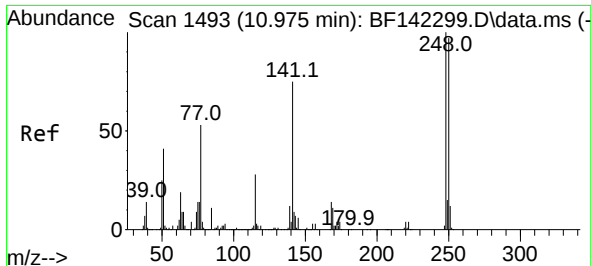
Tgt Ion:198 Resp: 132832
Ion Ratio Lower Upper
198 100
51 50.8 32.9 72.9
105 41.8 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 46.665 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:169 Resp: 1033849
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.2 28.9 43.3

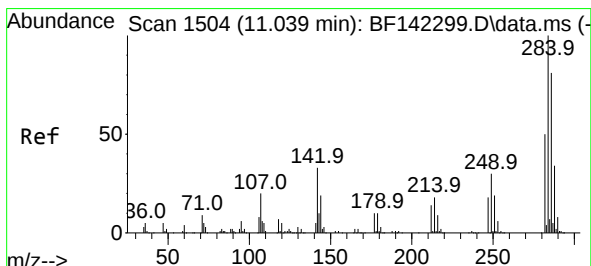
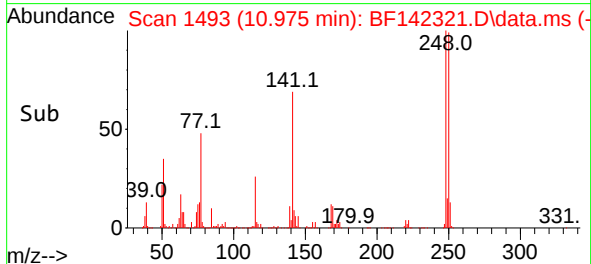
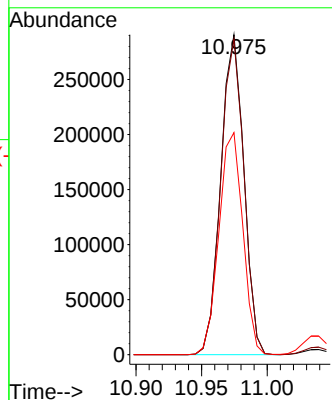
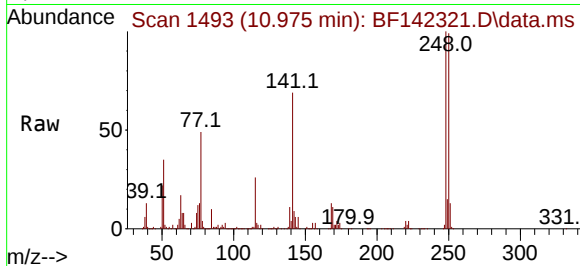




#67
4-Bromophenyl-phenylether
Concen: 47.271 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

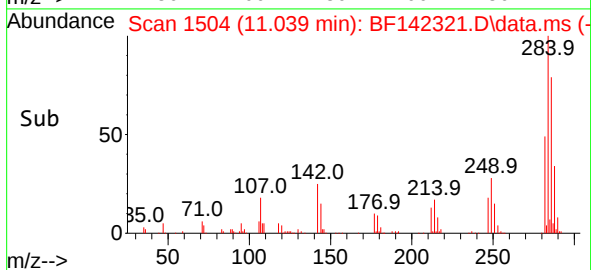
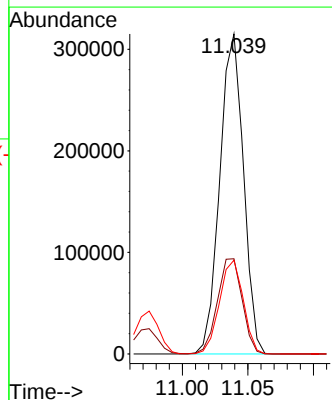
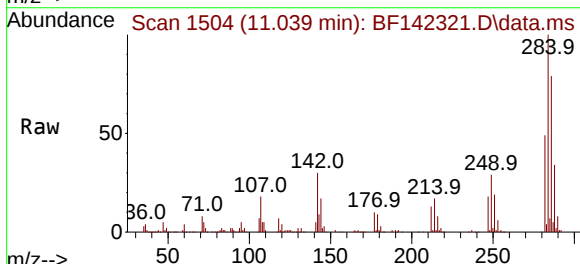
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

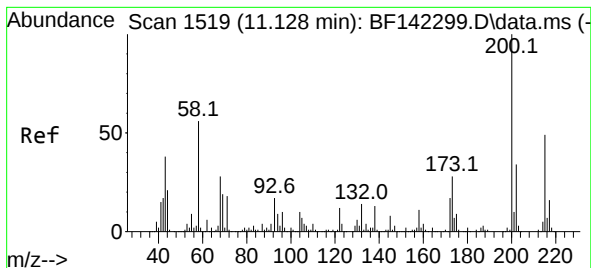
Tgt Ion:248 Resp: 356681
Ion Ratio Lower Upper
248 100
250 98.5 77.9 116.9
141 69.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 47.556 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:284 Resp: 394711
Ion Ratio Lower Upper
284 100
142 29.8 26.6 39.8
249 29.3 24.1 36.1





#69

Atrazine

Concen: 48.194 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

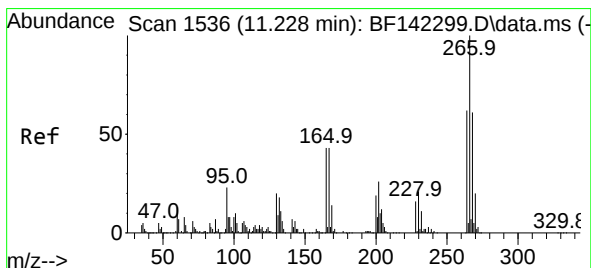
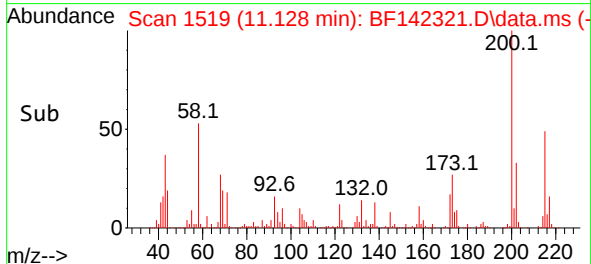
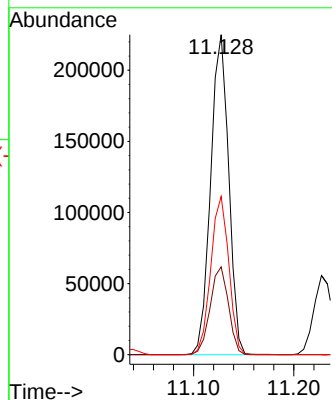
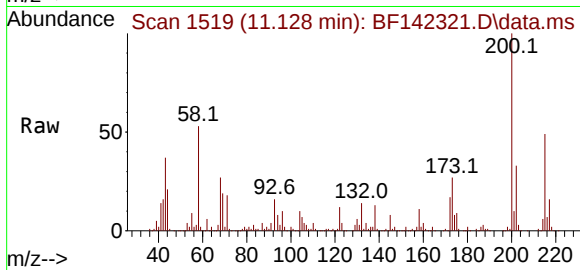
Tgt Ion:200 Resp: 281453

Ion Ratio Lower Upper

200 100

173 27.4 8.1 48.1

215 49.4 28.8 68.8



#70

Pentachlorophenol

Concen: 94.823 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

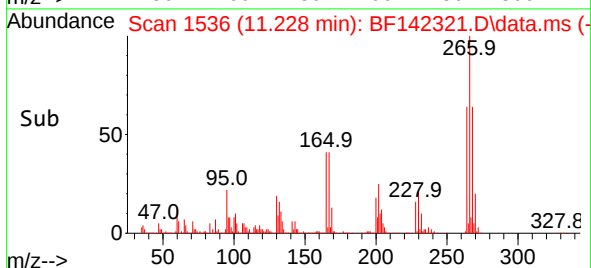
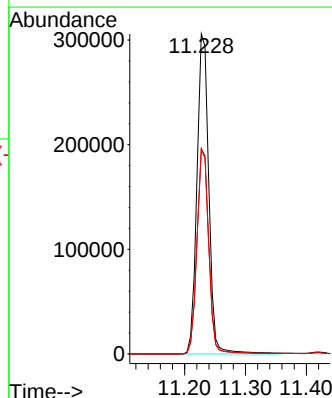
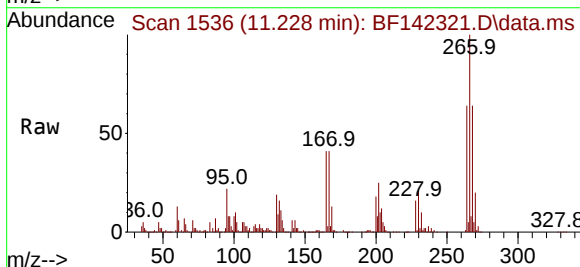
Tgt Ion:266 Resp: 414029

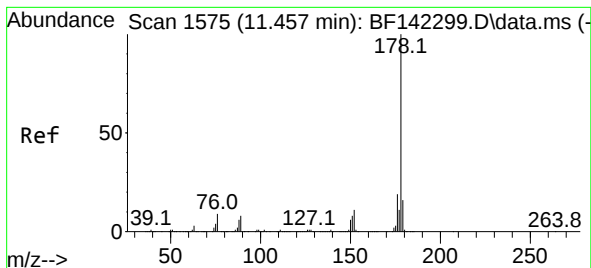
Ion Ratio Lower Upper

266 100

268 64.2 48.7 73.1

264 63.9 49.8 74.6





#71

Phenanthrene

Concen: 43.581 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

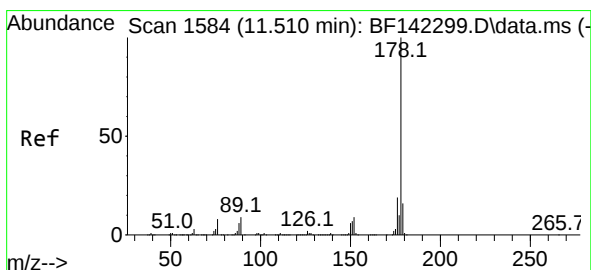
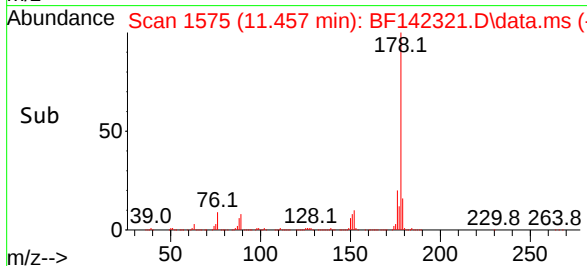
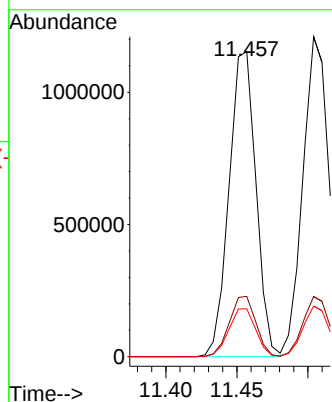
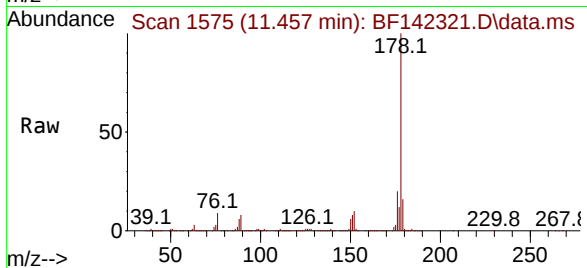
Tgt Ion:178 Resp: 1520920

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.7 12.6 18.8



#72

Anthracene

Concen: 43.032 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

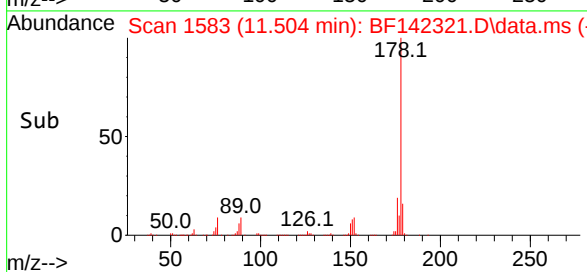
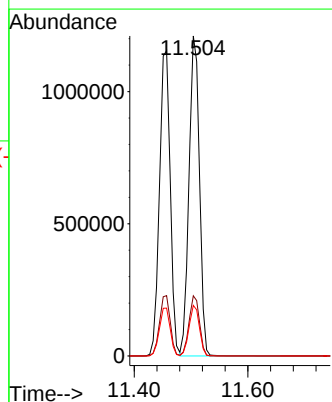
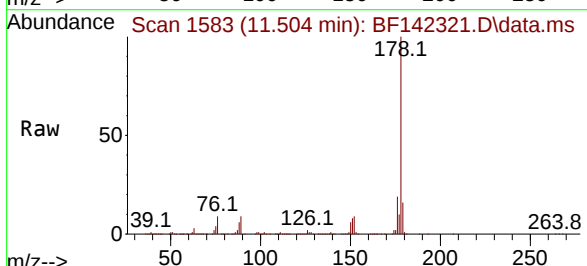
Tgt Ion:178 Resp: 1543032

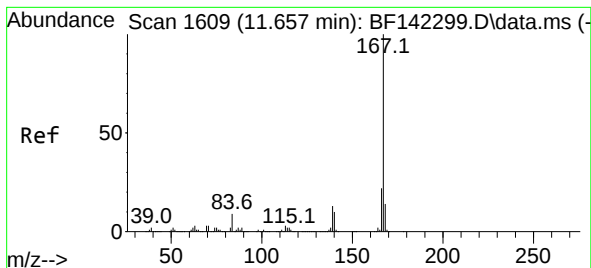
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.8 12.6 18.8





#73

Carbazole

Concen: 41.103 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

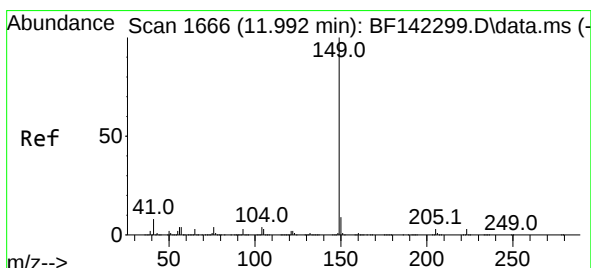
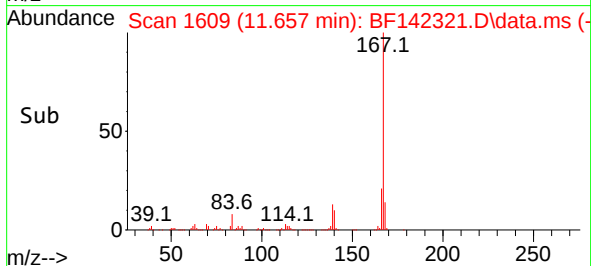
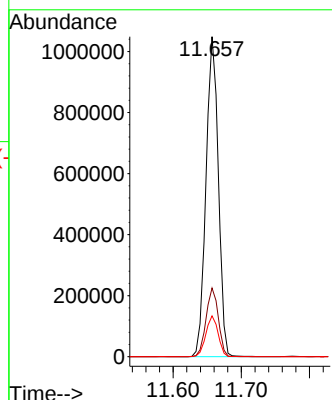
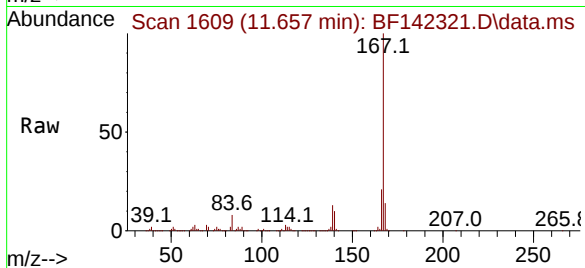
Tgt Ion:167 Resp: 1322306

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.256 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

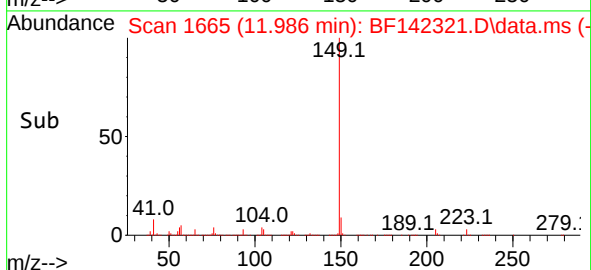
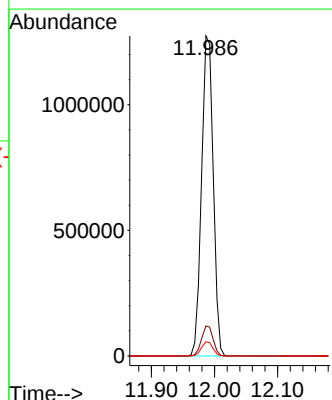
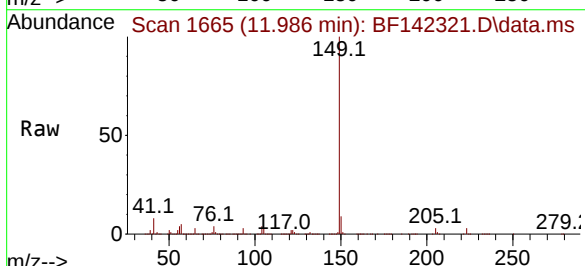
Tgt Ion:149 Resp: 1632425

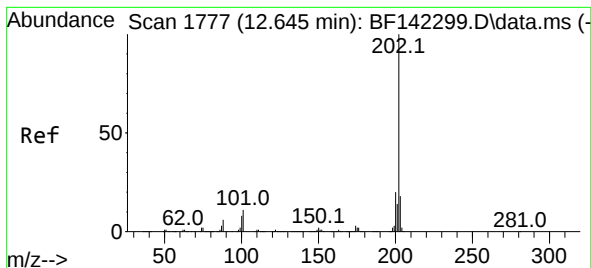
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 39.181 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

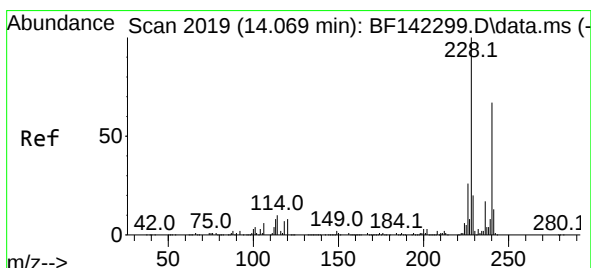
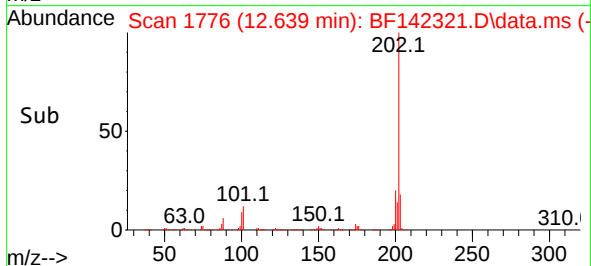
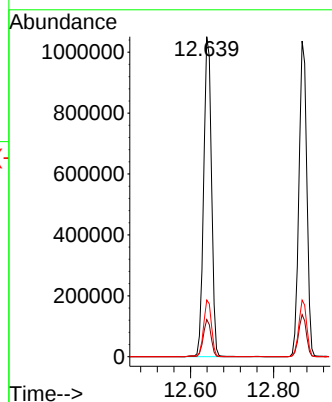
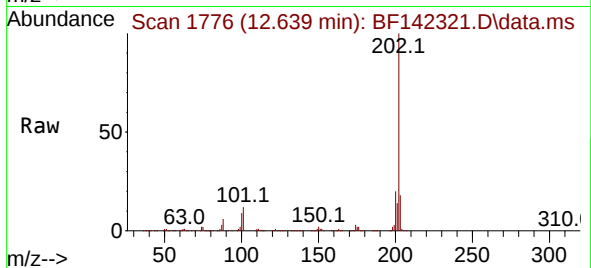
Tgt Ion:202 Resp: 1366853

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.4

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

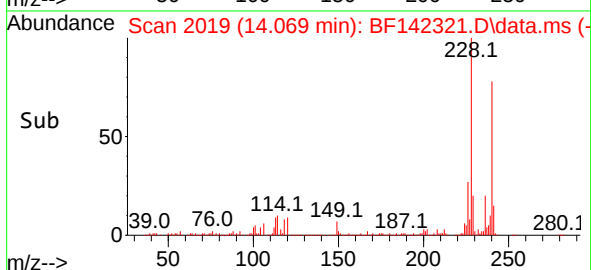
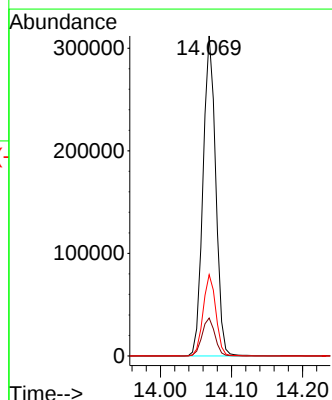
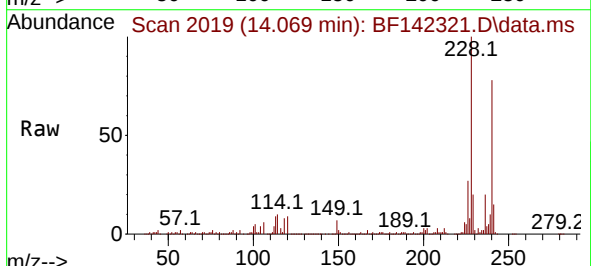
Tgt Ion:240 Resp: 388637

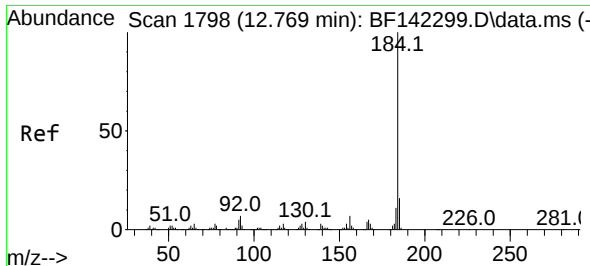
Ion Ratio Lower Upper

240 100

120 11.9 9.7 14.5

236 25.4 20.0 30.0

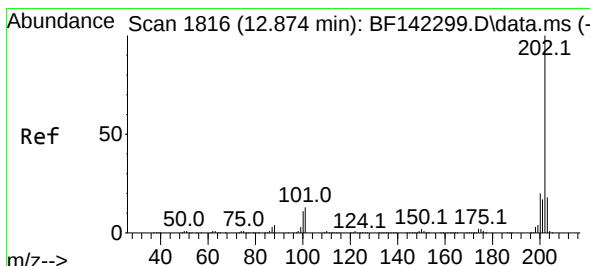
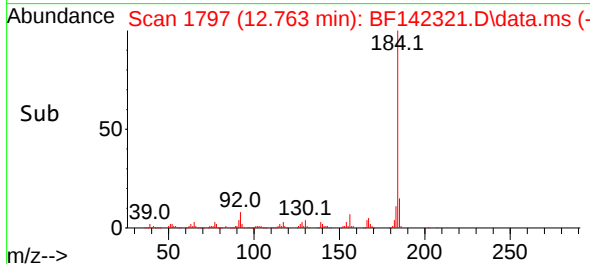
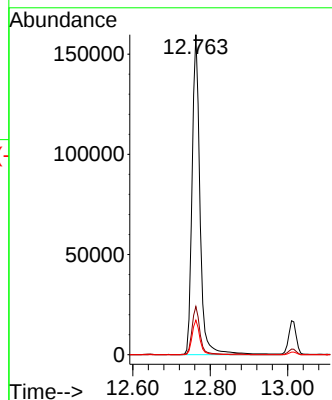
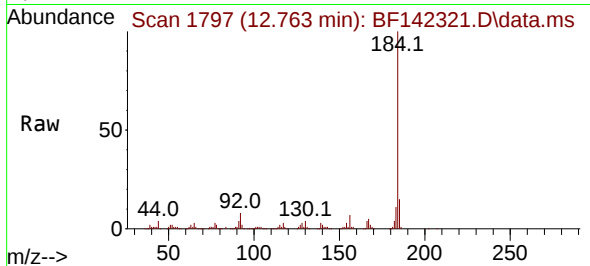




#77
Benzidine
Concen: 32.101 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

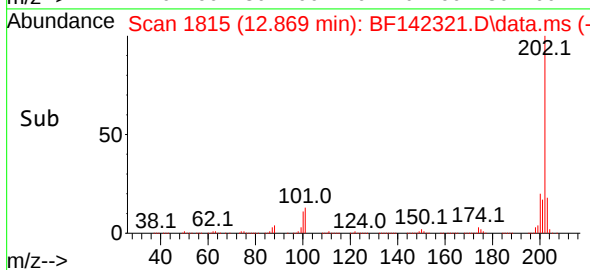
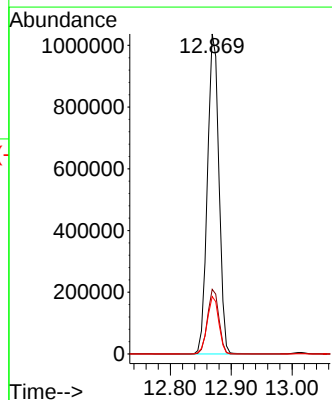
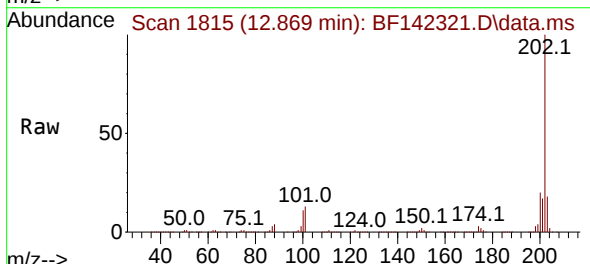
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

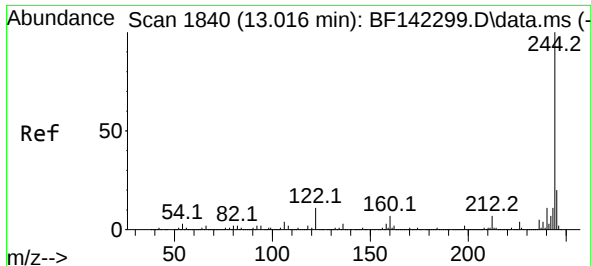
Tgt Ion:184 Resp: 226719
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 39.175 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

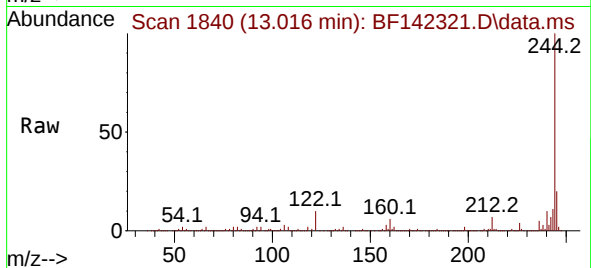
Tgt Ion:202 Resp: 1355153
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.4
203 17.9 14.3 21.5



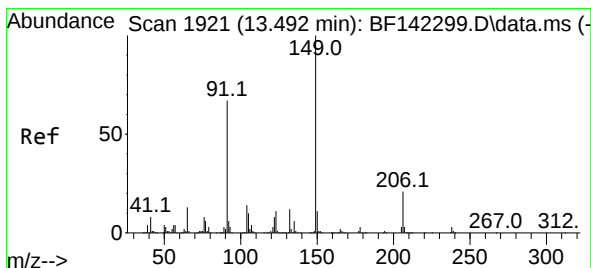
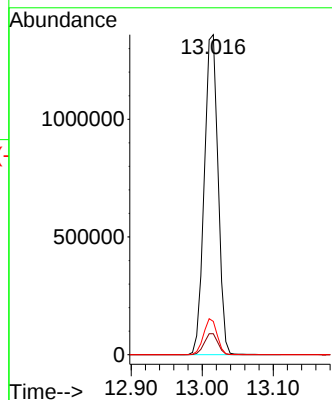
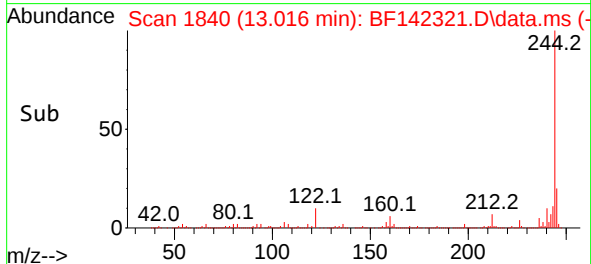


#79
 Terphenyl-d14
 Concen: 69.971 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42

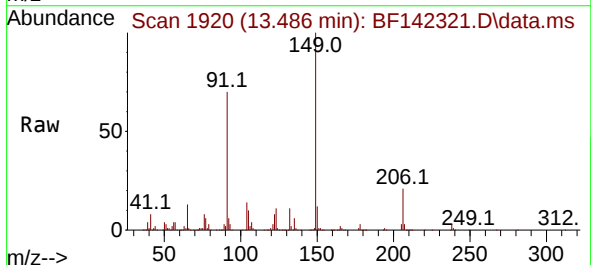
Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMSD



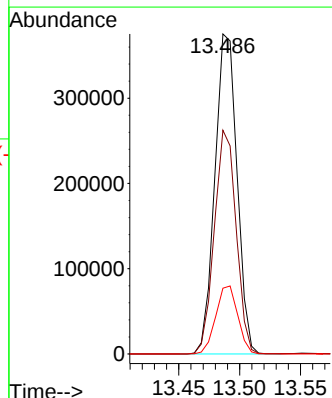
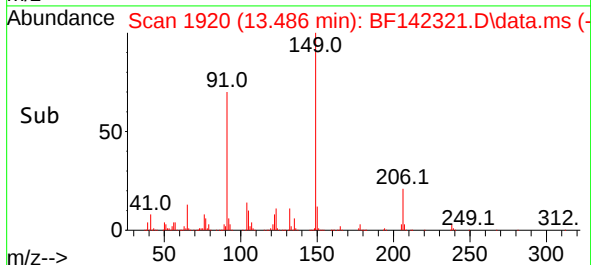
Tgt Ion:244 Resp: 1837257
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.4 9.0 13.4

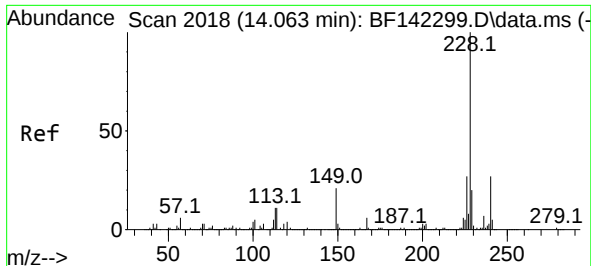


#80
 Butylbenzylphthalate
 Concen: 47.167 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142321.D
 Acq: 12 May 2025 15:42



Tgt Ion:149 Resp: 475470
 Ion Ratio Lower Upper
 149 100
 91 69.9 53.8 80.6
 206 20.6 16.6 24.8

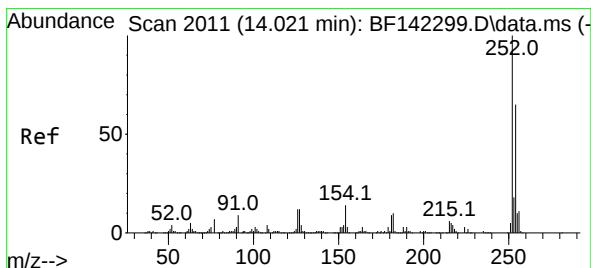
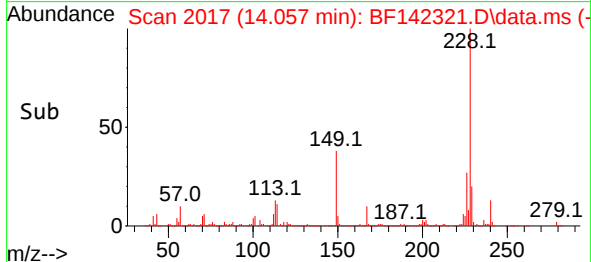
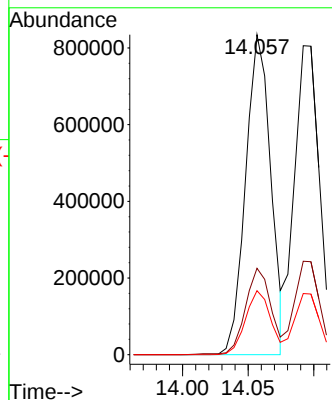
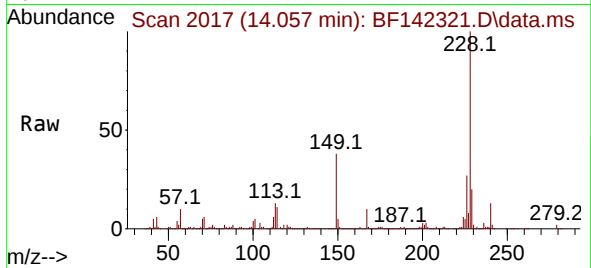




#81
Benzo(a)anthracene
Concen: 44.238 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

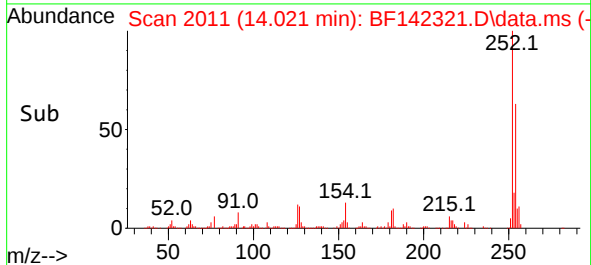
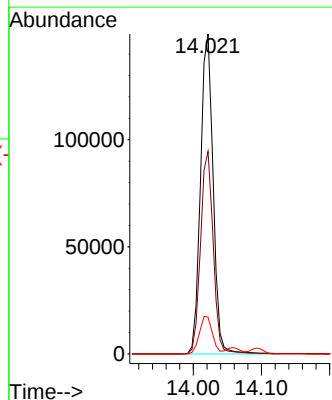
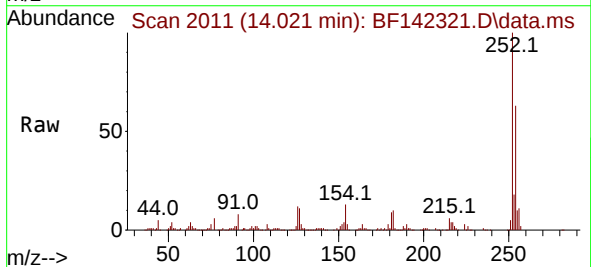
Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

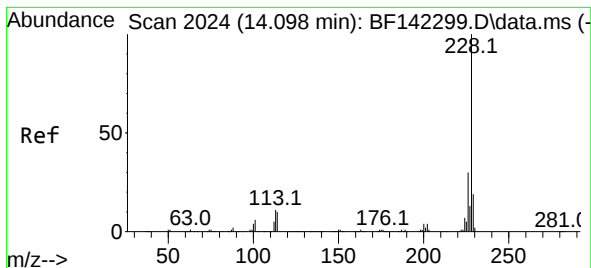
Tgt Ion:228 Resp: 1113397
Ion Ratio Lower Upper
228 100
226 27.0 21.5 32.3
229 20.0 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 32.911 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:252 Resp: 192626
Ion Ratio Lower Upper
252 100
254 63.3 52.0 78.0
126 11.6 9.7 14.5





#83

Chrysene

Concen: 45.850 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

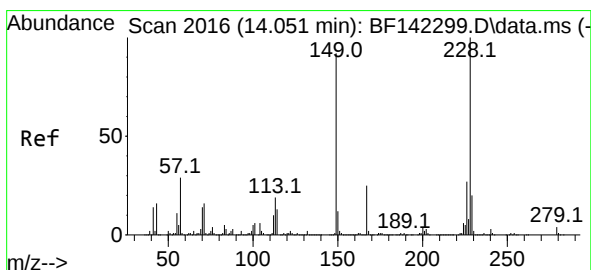
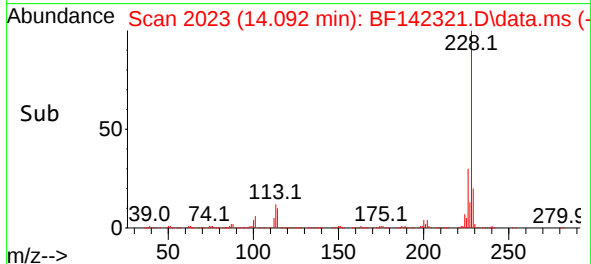
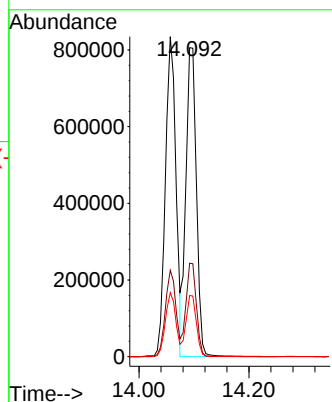
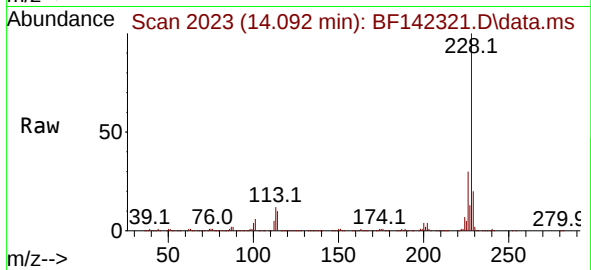
Tgt Ion:228 Resp: 1074262

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.536 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

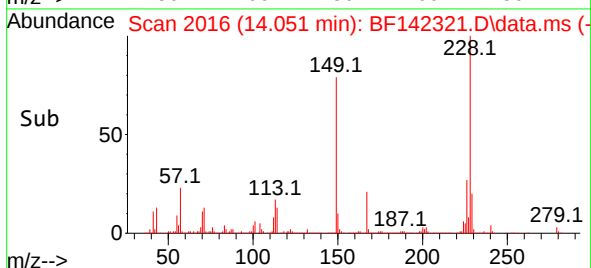
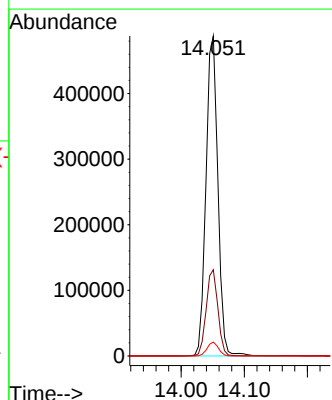
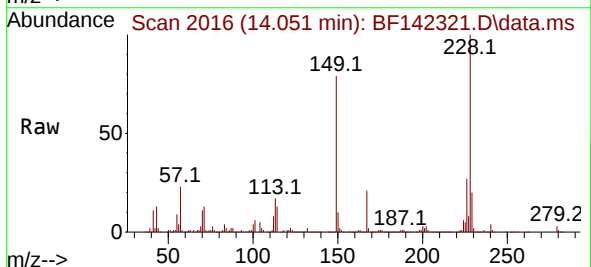
Tgt Ion:149 Resp: 638763

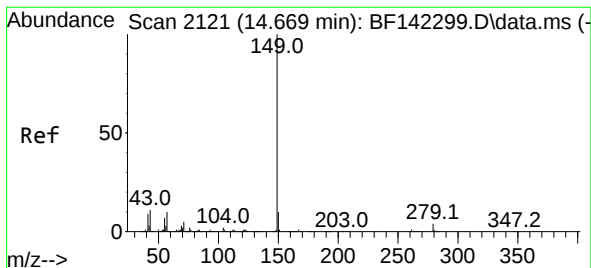
Ion Ratio Lower Upper

149 100

167 27.0 22.0 33.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.954 ng

RT: 14.663 min Scan# 2120

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

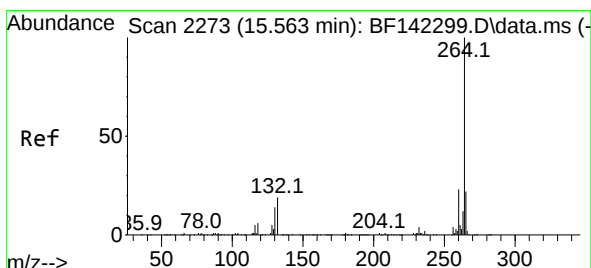
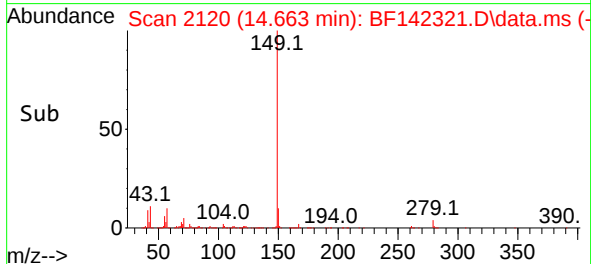
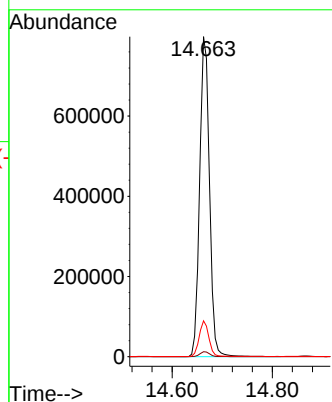
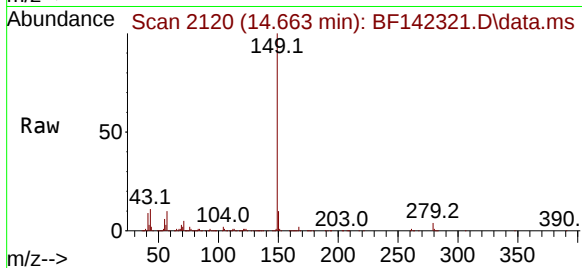
Tgt Ion:149 Resp: 1079798

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

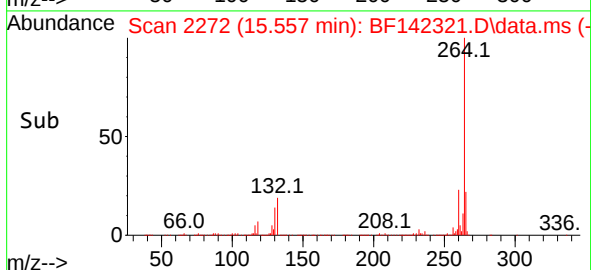
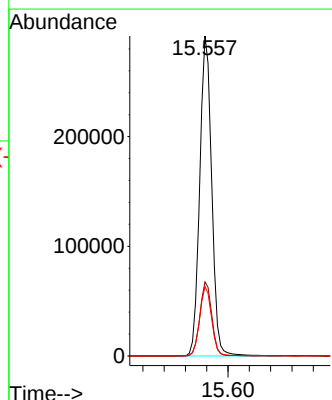
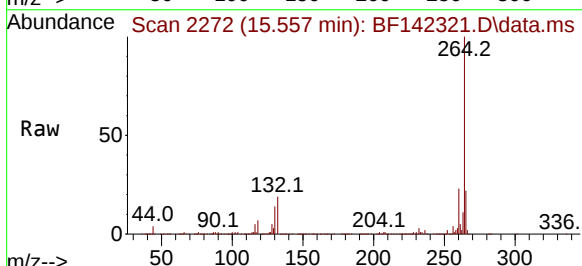
Tgt Ion:264 Resp: 455097

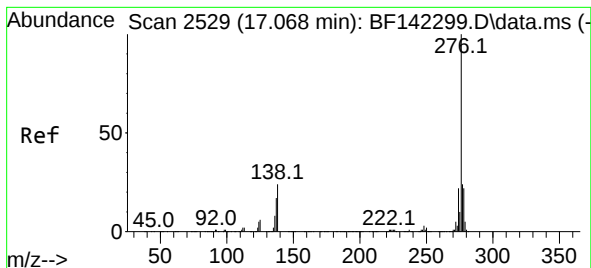
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.7 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.903 ng

RT: 17.068 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

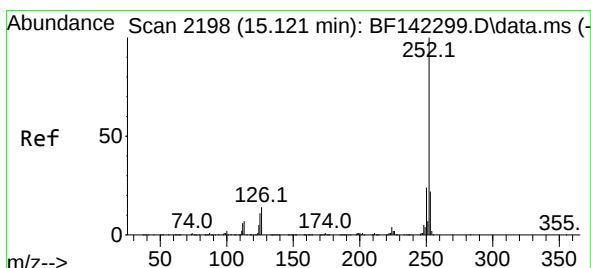
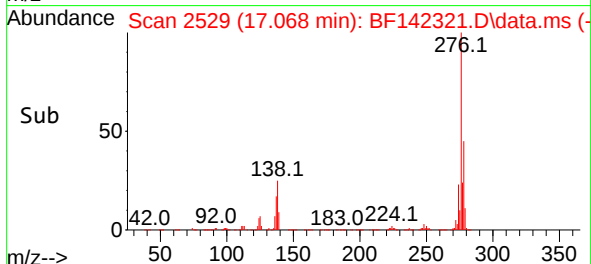
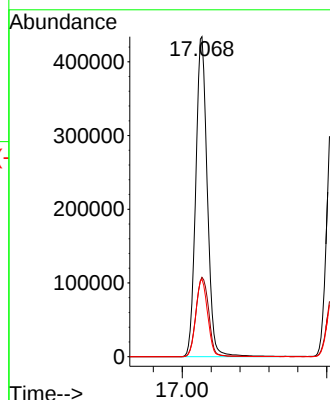
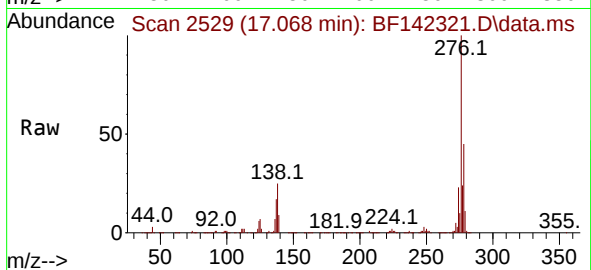
Tgt Ion:276 Resp: 1199945

Ion Ratio Lower Upper

276 100

138 27.4 22.0 33.0

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.152 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

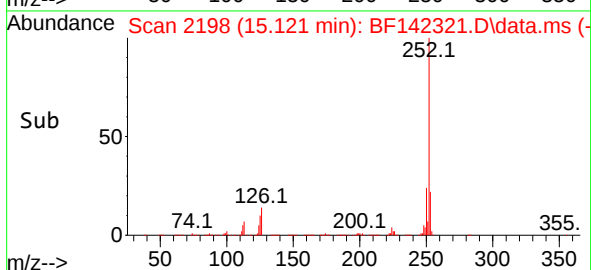
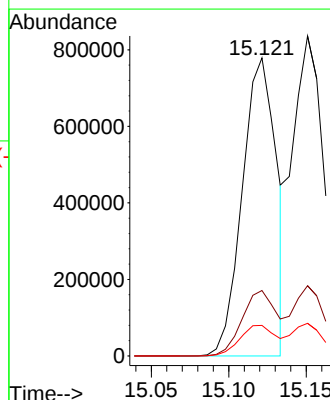
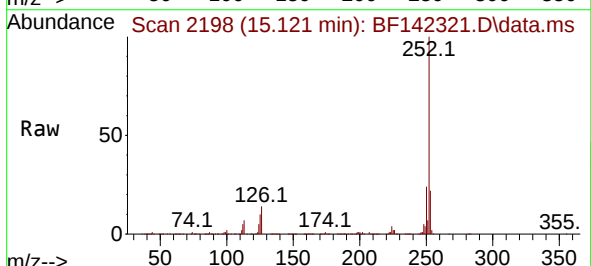
Tgt Ion:252 Resp: 1189417

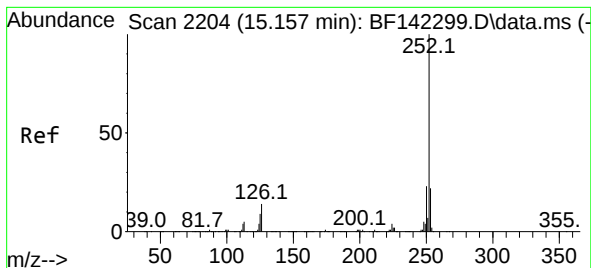
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 10.3 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 47.492 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

Instrument :

BNA_F

ClientSampleId :

MH-LLMSD

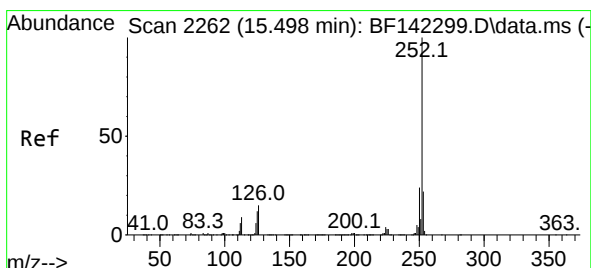
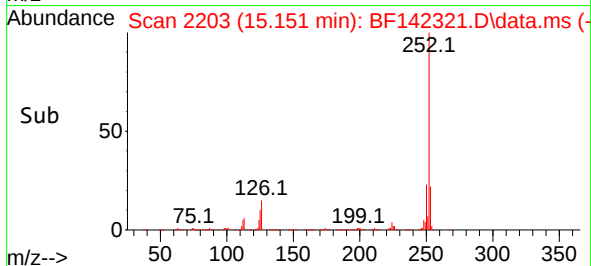
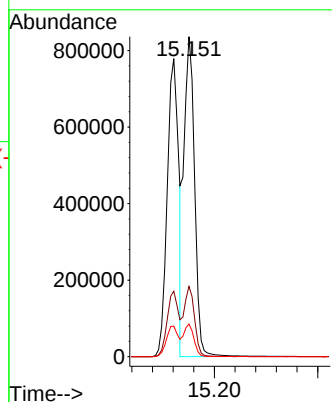
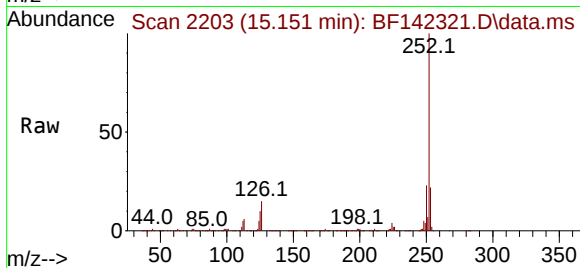
Tgt Ion:252 Resp: 1197943

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.642 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142321.D

Acq: 12 May 2025 15:42

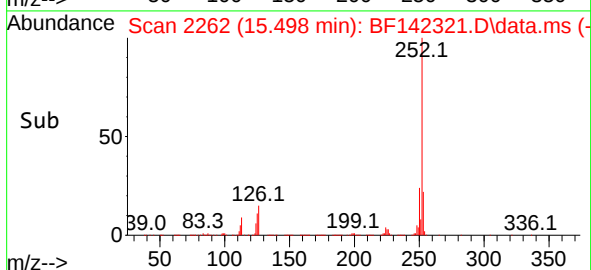
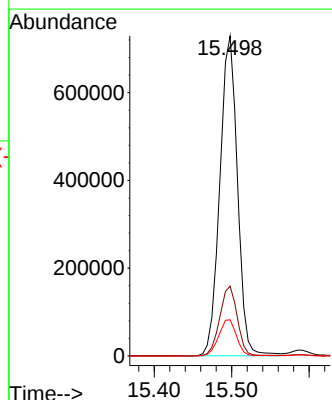
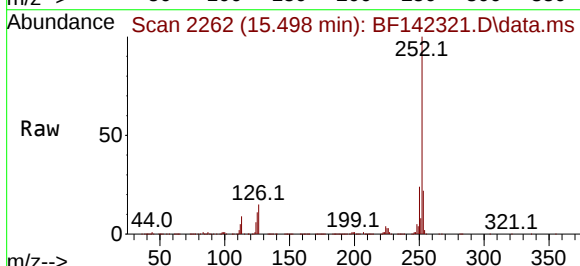
Tgt Ion:252 Resp: 1152037

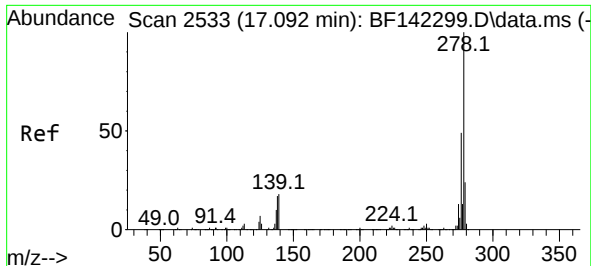
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 11.3 9.4 14.0

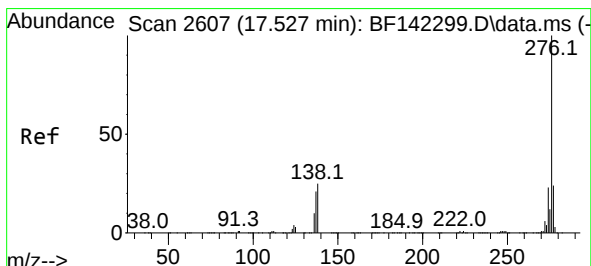
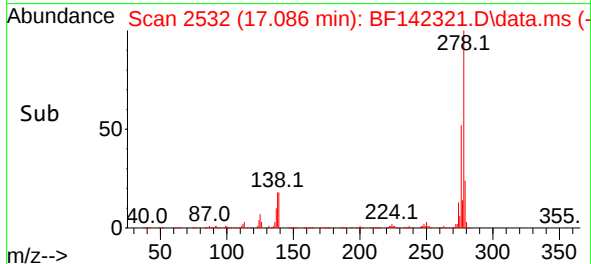
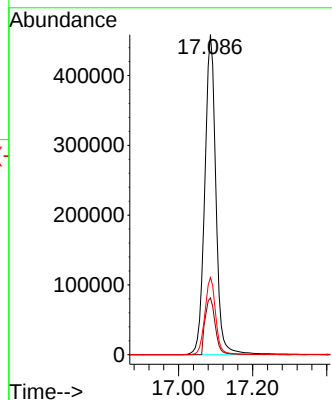
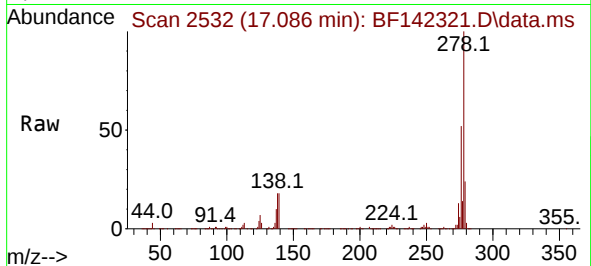




#91
Dibenzo(a,h)anthracene
Concen: 36.477 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

Tgt Ion:278 Resp: 954032
Ion Ratio Lower Upper
278 100
139 17.7 14.5 21.7
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 36.532 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142321.D
Acq: 12 May 2025 15:42

Tgt Ion:276 Resp: 948316
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 24.1 19.8 29.6

