

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142320.D
 Acq On : 12 May 2025 15:13
 Operator : RC/JU
 Sample : Q1964-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMS

Quant Time: May 12 15:36:36 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	233087	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	891763	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	479961	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	771845	20.000	ng	0.00
76) Chrysene-d12	14.069	240	448953	20.000	ng	0.00
86) Perylene-d12	15.557	264	455067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1585136	116.092	ng	0.02
7) Phenol-d6	6.528	99	1922896	114.502	ng	0.00
23) Nitrobenzene-d5	7.469	82	1190289	81.403	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	619157	133.614	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2442681	72.568	ng	0.00
79) Terphenyl-d14	13.016	244	2175549	71.723	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.869	88	199024	32.368	ng	# 83
3) Pyridine	3.569	79	469492	32.522	ng	97
4) n-Nitrosodimethylamine	3.516	42	312770	37.278	ng	96
6) Aniline	6.575	93	328637	19.951	ng	99
8) 2-Chlorophenol	6.693	128	630089	43.184	ng	98
9) Benzaldehyde	6.457	77	125016	12.719	ng	99
10) Phenol	6.546	94	728950	40.949	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	628146	35.782	ng	99
12) 1,3-Dichlorobenzene	6.846	146	595716	35.687	ng	99
13) 1,4-Dichlorobenzene	6.922	146	611815	36.504	ng	100
14) 1,2-Dichlorobenzene	7.075	146	596817	37.098	ng	99
15) Benzyl Alcohol	7.045	79	490200	45.078	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1014865	38.713	ng	99
17) 2-Methylphenol	7.151	107	513697	43.486	ng	100
18) Hexachloroethane	7.416	117	199081	35.700	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	426939	41.100	ng	100
20) 3+4-Methylphenols	7.304	107	633758	42.987	ng	96
22) Acetophenone	7.316	105	818731	41.292	ng	99
24) Nitrobenzene	7.487	77	603111	43.757	ng	98
25) Isophorone	7.722	82	1187704	42.894	ng	99
26) 2-Nitrophenol	7.798	139	264547	40.516	ng	97
27) 2,4-Dimethylphenol	7.834	122	612670	44.009	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	753527	42.322	ng	100
29) 2,4-Dichlorophenol	8.040	162	544969	46.045	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	541759	40.673	ng	99
31) Naphthalene	8.210	128	1765188	40.842	ng	100
32) Benzoic acid	7.945	122	267052	38.390	ng	99
33) 4-Chloroaniline	8.281	127	96818	5.490	ng	98
34) Hexachlorobutadiene	8.328	225	318036	40.322	ng	99
35) Caprolactam	8.622	113	77374	22.431	ng	97
36) 4-Chloro-3-methylphenol	8.734	107	560160	45.530	ng	99
37) 2-Methylnaphthalene	8.898	142	1128541	42.022	ng	99
38) 1-Methylnaphthalene	8.998	142	1173028	41.907	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	559572	41.744	ng	98
41) Hexachlorocyclopentadiene	9.051	237	626040	75.568	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	386694	45.734	ng	99

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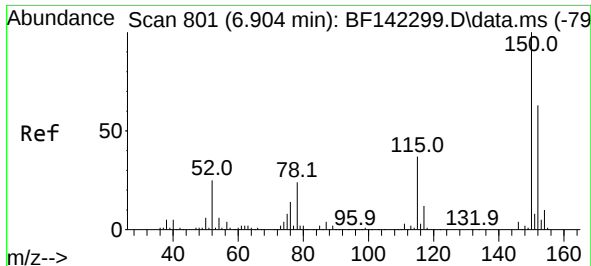
Quant Time: May 12 15:36:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	420012	46.686	ng	99
46) 1,1'-Biphenyl	9.363	154	1545515	41.997	ng	99
47) 2-Chloronaphthalene	9.386	162	1144986	41.837	ng	99
48) 2-Nitroaniline	9.481	65	332000	47.328	ng	96
49) Acenaphthylene	9.804	152	1941207	42.401	ng	99
50) Dimethylphthalate	9.663	163	1465302	47.544	ng	100
51) 2,6-Dinitrotoluene	9.722	165	287969	49.918	ng	97
52) Acenaphthene	9.975	154	1237699	44.961	ng	98
53) 3-Nitroaniline	9.892	138	156336	23.107	ng	96
54) 2,4-Dinitrophenol	9.998	184	236181	78.422	ng	# 1
55) Dibenzofuran	10.151	168	1718071	42.289	ng	100
56) 4-Nitrophenol	10.045	139	428313	84.114	ng	99
57) 2,4-Dinitrotoluene	10.128	165	390450	52.764	ng	97
58) Fluorene	10.492	166	1289295	41.584	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	353082	47.542	ng	97
60) Diethylphthalate	10.363	149	1372654	44.598	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	635045	42.454	ng	98
62) 4-Nitroaniline	10.510	138	281425	52.482	ng	99
63) Azobenzene	10.645	77	1250271	42.510	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	150245	42.693	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1163085	45.284	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	405047	46.304	ng	97
68) Hexachlorobenzene	11.039	284	444160	46.160	ng	97
69) Atrazine	11.128	200	334012	49.334	ng	99
70) Pentachlorophenol	11.233	266	496503	98.086	ng	98
71) Phenanthrene	11.457	178	1752383	43.313	ng	100
72) Anthracene	11.504	178	1778110	42.773	ng	100
73) Carbazole	11.657	167	1567216	42.021	ng	100
74) Di-n-butylphthalate	11.992	149	1942503	49.531	ng	100
75) Fluoranthene	12.639	202	1645689	40.692	ng	100
77) Benzidine	12.763	184	190233	23.316	ng	99
78) Pyrene	12.869	202	1620109	40.542	ng	100
80) Butylbenzylphthalate	13.486	149	599962	51.183	ng	97
81) Benzo(a)anthracene	14.057	228	1264448	43.490	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	214514	31.727	ng	99
83) Chrysene	14.098	228	1224561	45.243	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	805853	52.615	ng	99
85) Di-n-octyl phthalate	14.663	149	1287515	47.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1119618	35.368	ng	100
88) Benzo(b)fluoranthene	15.121	252	1212403	43.989	ng	99
89) Benzo(k)fluoranthene	15.151	252	1253734	49.707	ng	100
90) Benzo(a)pyrene	15.498	252	1165200	47.178	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	890890	34.065	ng	99
92) Benzo(g,h,i)perylene	17.521	276	878039	33.827	ng	99

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

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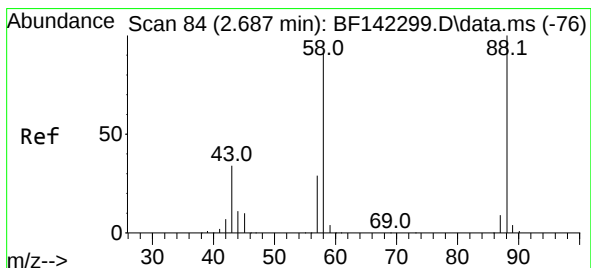
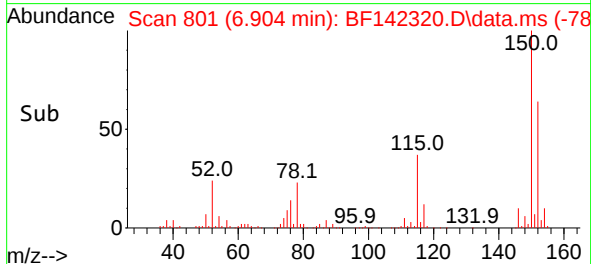
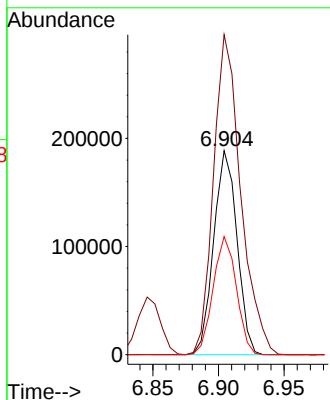
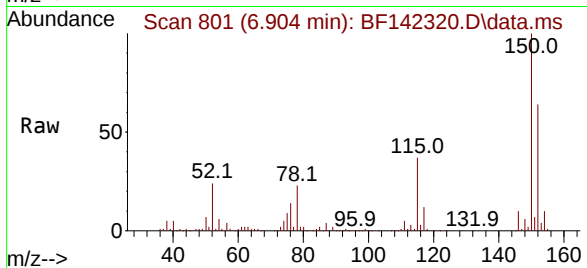




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

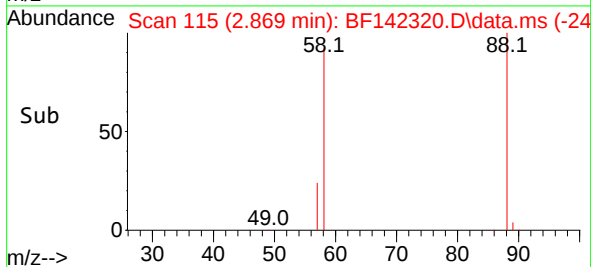
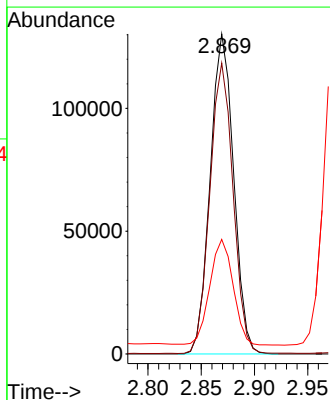
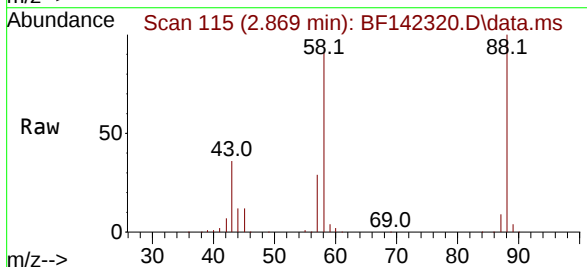
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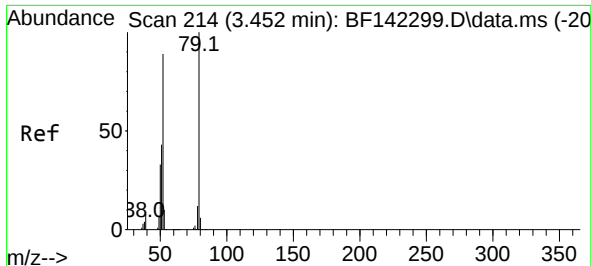
Tgt Ion:152 Resp: 233087
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.6 190.0
 115 57.9 47.3 70.9



#2
 1,4-Dioxane
 Concen: 32.368 ng
 RT: 2.869 min Scan# 115
 Delta R.T. 0.182 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

Tgt Ion: 88 Resp: 199024
 Ion Ratio Lower Upper
 88 100
 58 90.3 73.0 109.4
 43 0.0 27.8 41.6

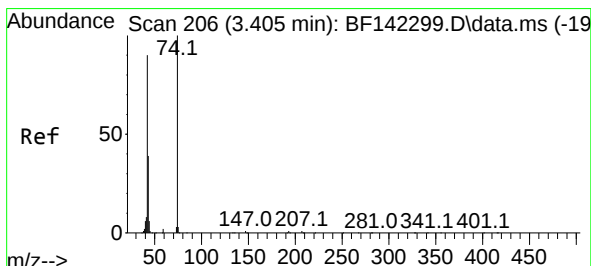
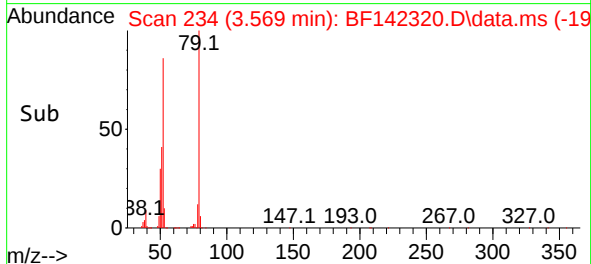
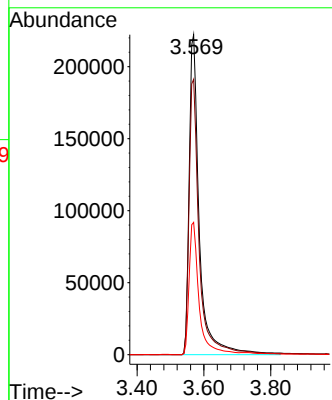
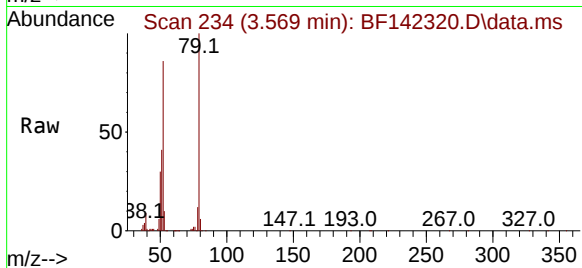




#3
Pyridine
Concen: 32.522 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

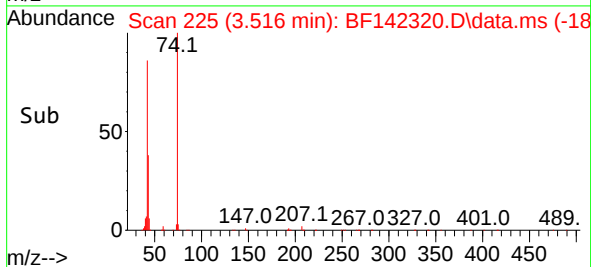
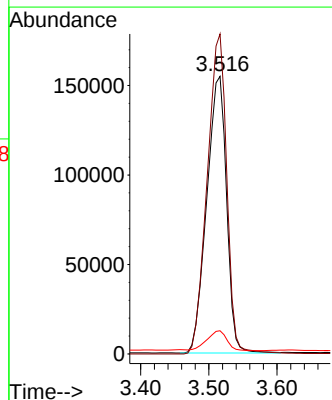
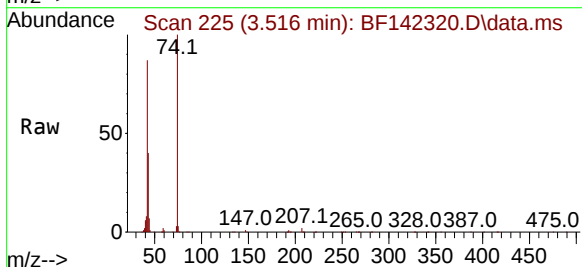
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

Tgt Ion: 79 Resp: 469492
Ion Ratio Lower Upper
79 100
52 86.1 71.0 106.4
51 41.4 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 37.278 ng
RT: 3.516 min Scan# 225
Delta R.T. 0.112 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion: 42 Resp: 312770
Ion Ratio Lower Upper
42 100
74 115.3 88.5 132.7
44 8.4 5.8 8.8

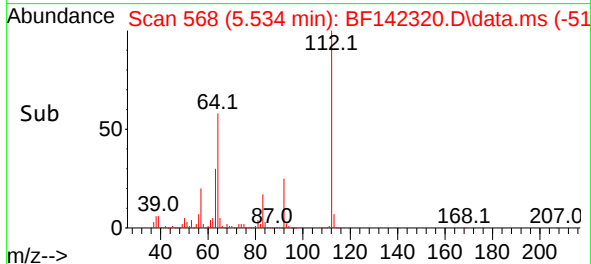
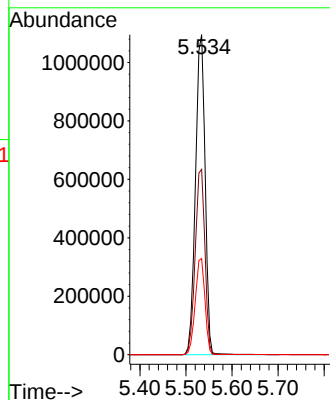
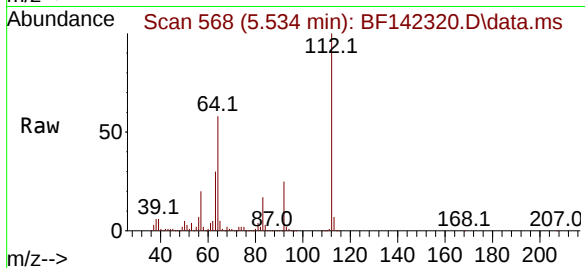




#5
2-Fluorophenol
Concen: 116.092 ng
RT: 5.534 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

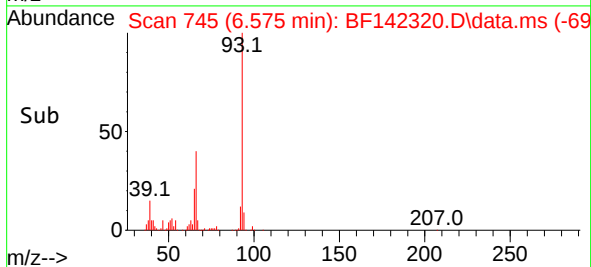
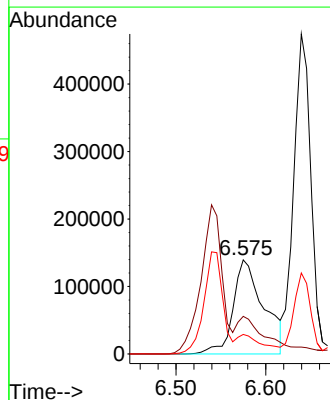
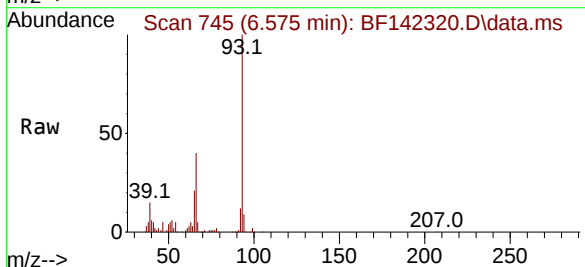
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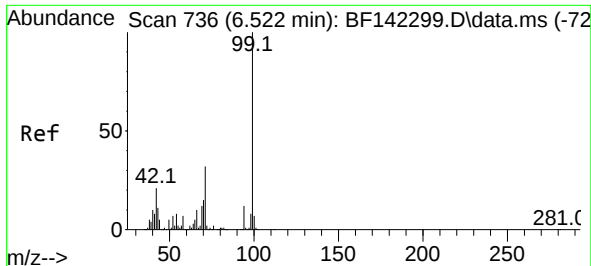
Tgt Ion:112 Resp: 1585136
Ion Ratio Lower Upper
112 100
64 57.9 48.9 73.3
63 30.0 25.6 38.4



#6
Aniline
Concen: 19.951 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion: 93 Resp: 328637
Ion Ratio Lower Upper
93 100
66 40.0 32.2 48.4
65 20.7 16.3 24.5

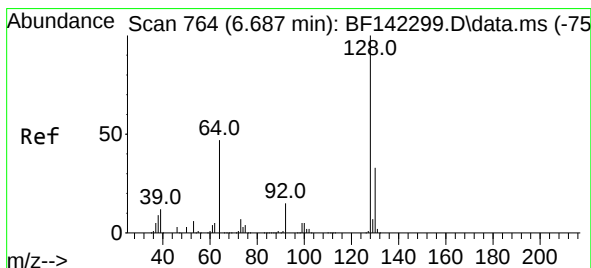
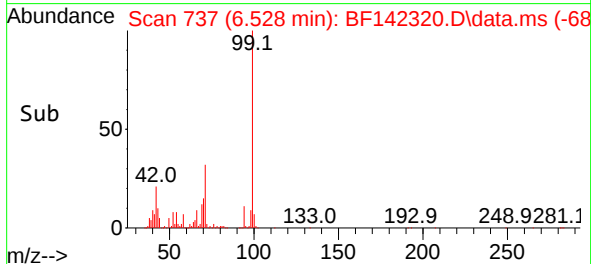
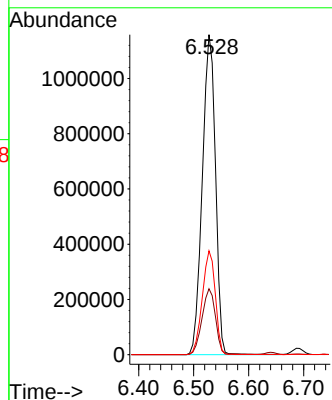
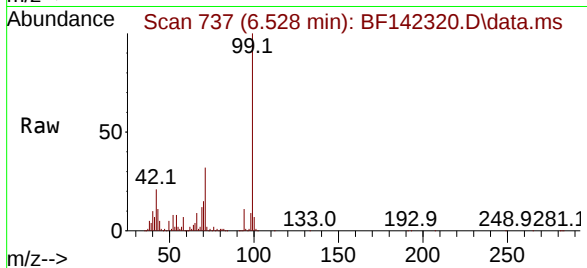




#7
Phenol-d6
Concen: 114.502 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

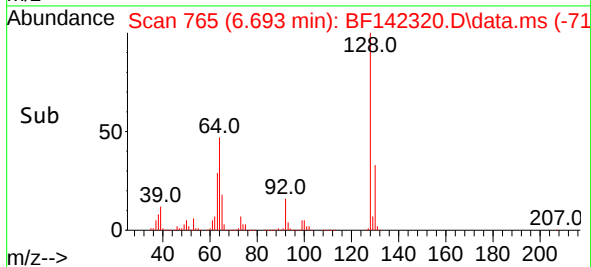
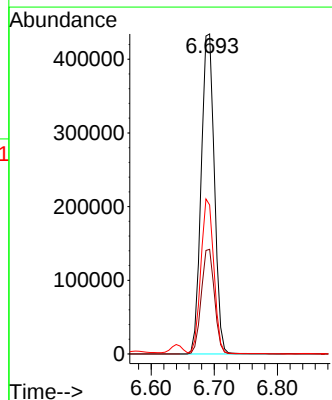
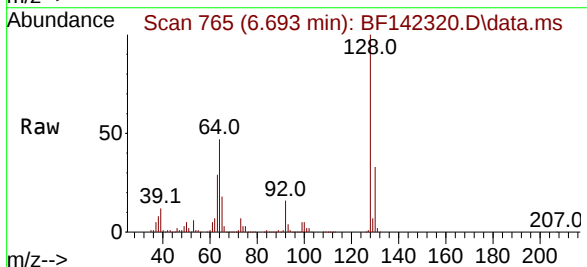
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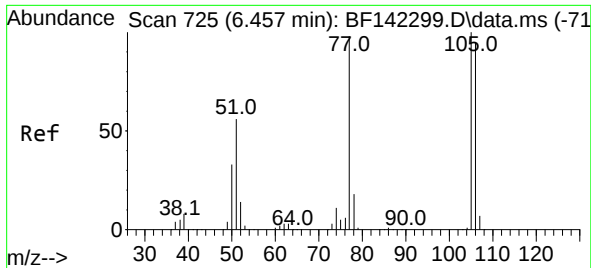
Tgt Ion: 99 Resp: 1922896
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.4 25.8 38.8



#8
2-Chlorophenol
Concen: 43.184 ng
RT: 6.693 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:128 Resp: 630089
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 46.6 29.2 69.2





#9

Benzaldehyde

Concen: 12.719 ng

RT: 6.457 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

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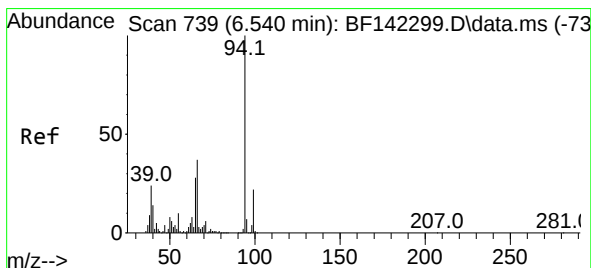
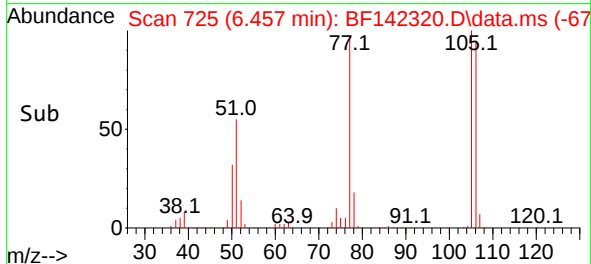
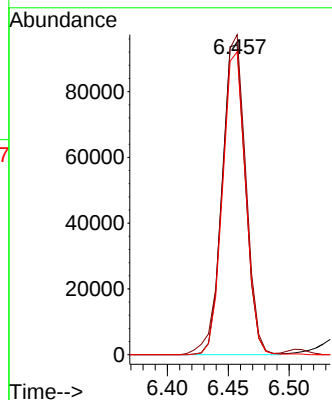
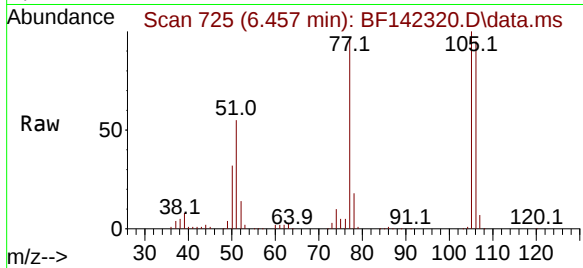
Tgt Ion: 77 Resp: 125016

Ion Ratio Lower Upper

77 100

105 103.3 82.0 122.0

106 97.8 77.2 117.2



#10

Phenol

Concen: 40.949 ng

RT: 6.546 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

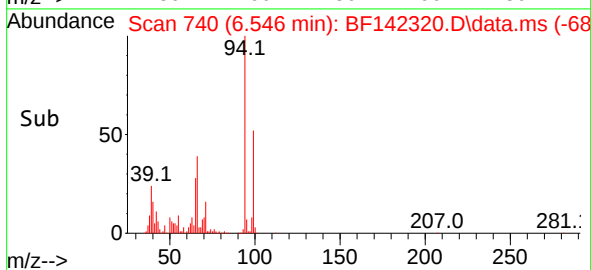
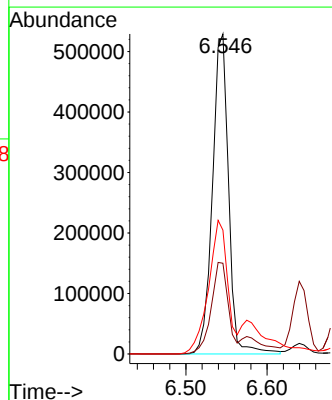
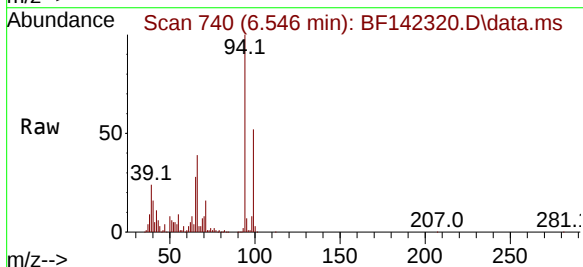
Tgt Ion: 94 Resp: 728950

Ion Ratio Lower Upper

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65 28.4 8.5 48.5

66 38.7 17.3 57.3

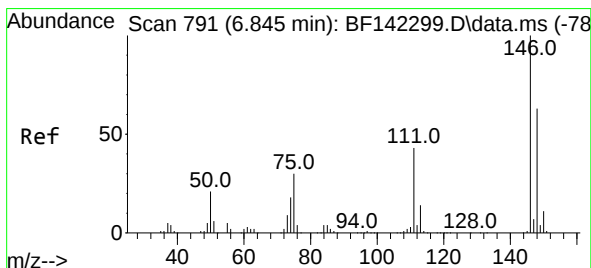
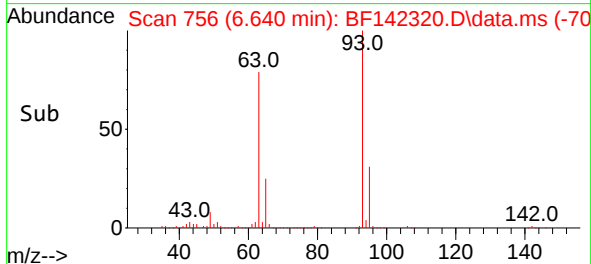
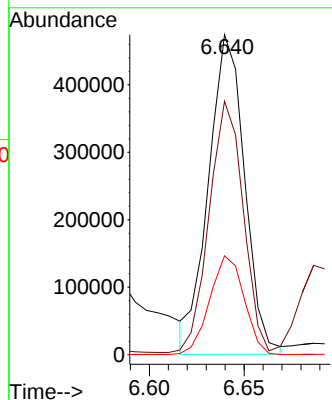
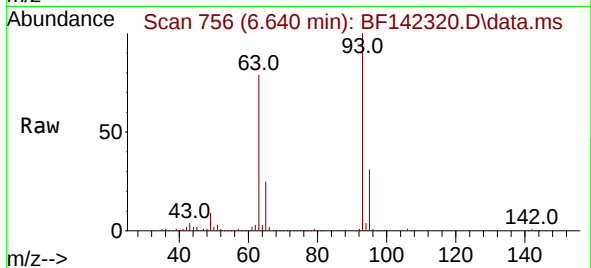




#11
bis(2-Chloroethyl)ether
Concen: 35.782 ng
RT: 6.640 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

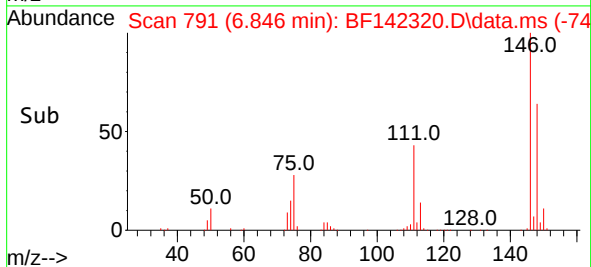
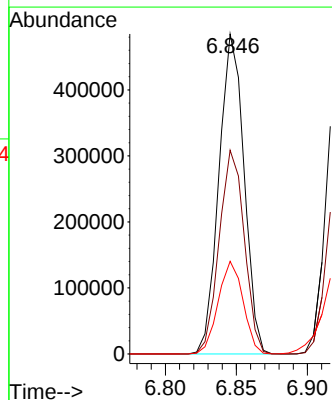
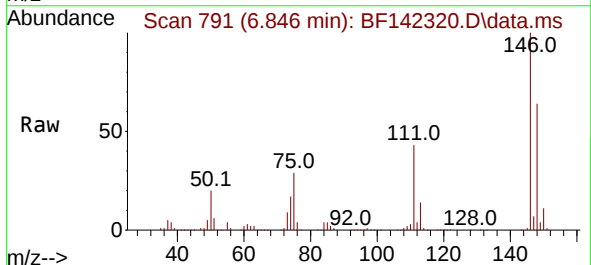
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

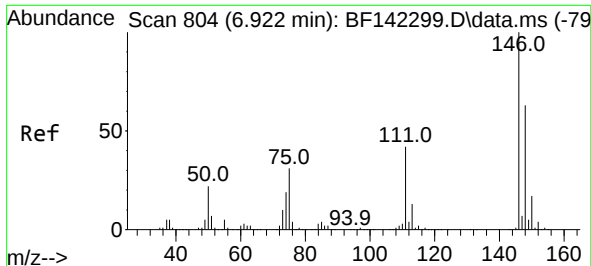
Tgt Ion: 93 Resp: 628146
Ion Ratio Lower Upper
93 100
63 79.2 58.4 98.4
95 30.9 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 35.687 ng
RT: 6.846 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:146 Resp: 595716
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 29.0 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.504 ng

RT: 6.922 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

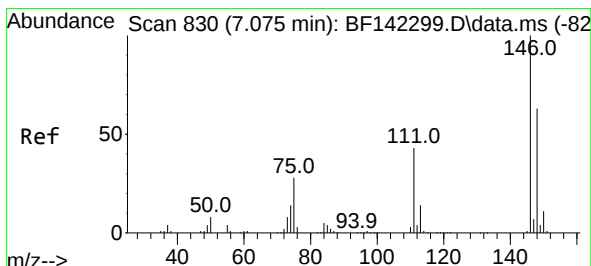
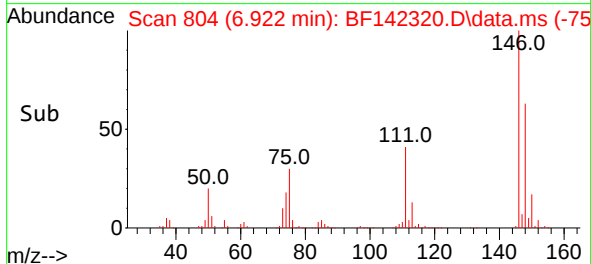
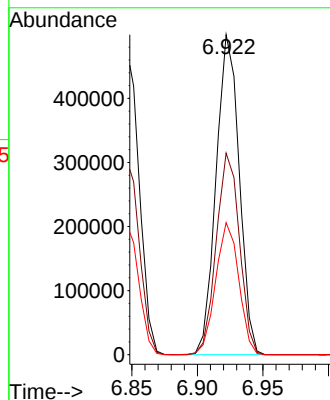
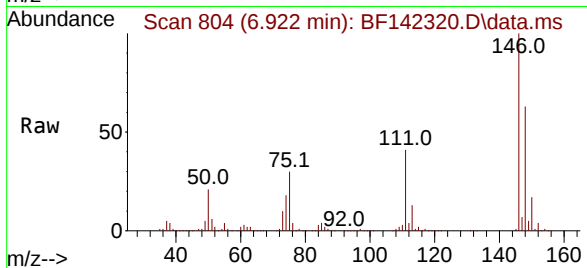
Tgt Ion:146 Resp: 611815

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

111 41.3 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 37.098 ng

RT: 7.075 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

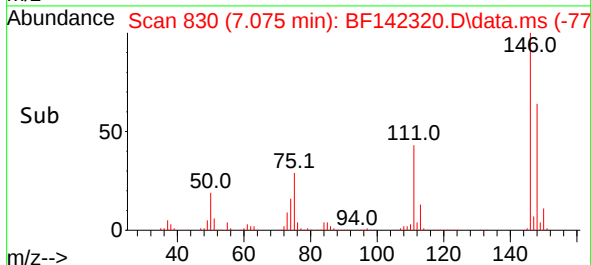
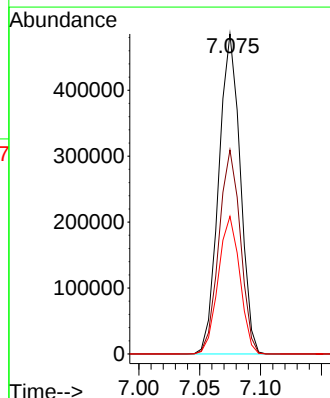
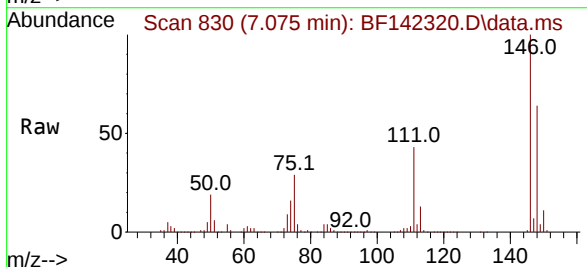
Tgt Ion:146 Resp: 596817

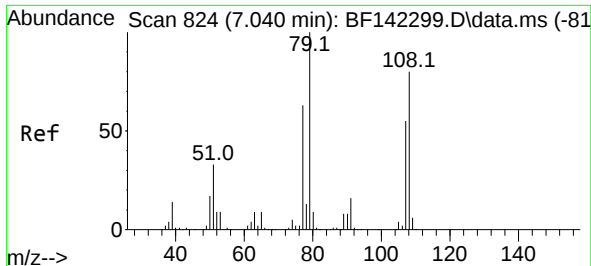
Ion Ratio Lower Upper

146 100

148 63.8 50.3 75.5

111 43.0 34.5 51.7

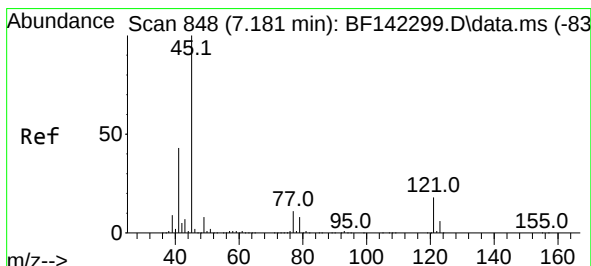
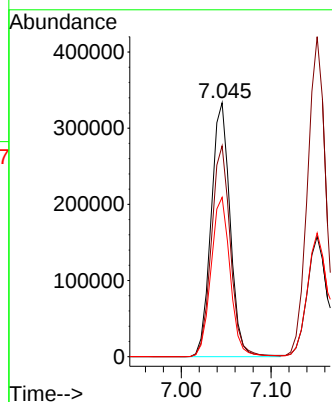
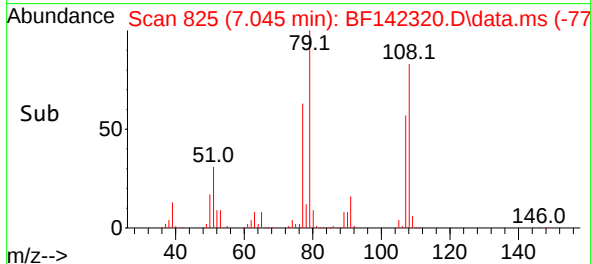
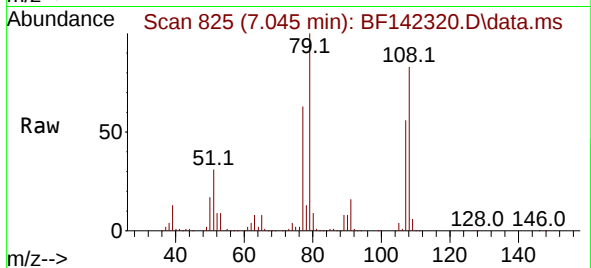




#15
Benzyl Alcohol
Concen: 45.078 ng
RT: 7.045 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

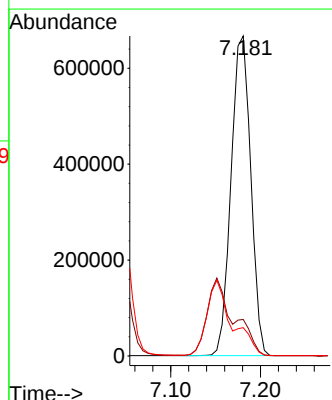
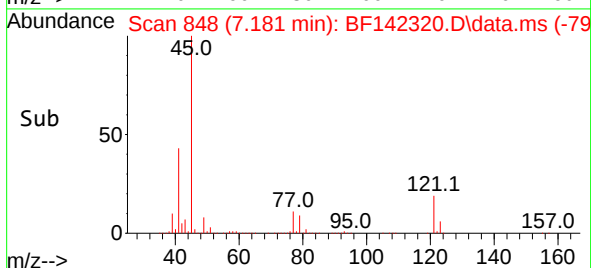
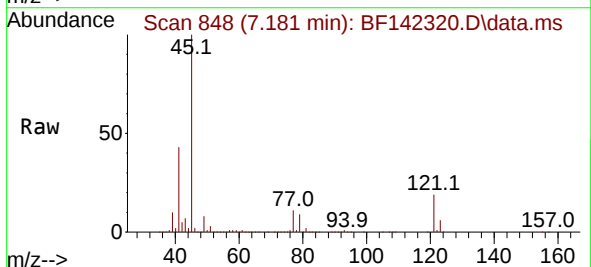
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

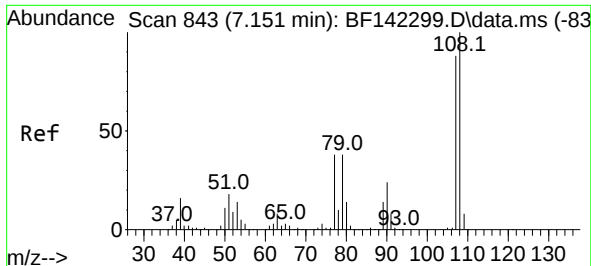
Tgt Ion: 79 Resp: 490200
Ion Ratio Lower Upper
79 100
108 83.0 63.9 95.9
77 62.7 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.713 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion: 45 Resp: 1014865
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.8 0.0 28.5

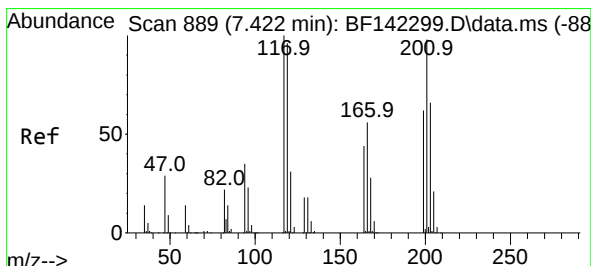
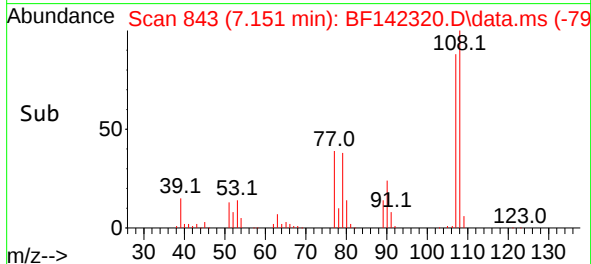
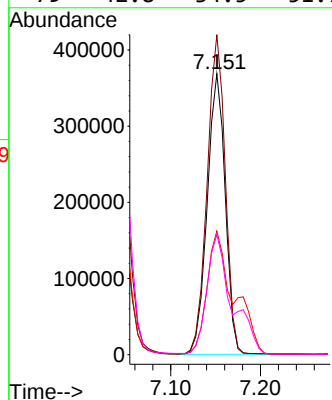
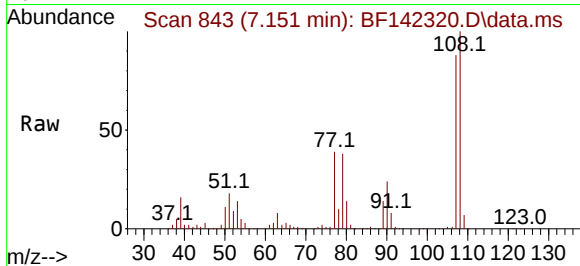




#17
2-Methylphenol
Concen: 43.486 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

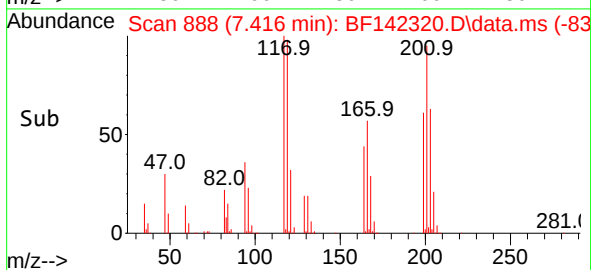
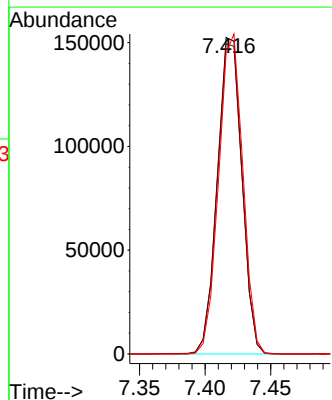
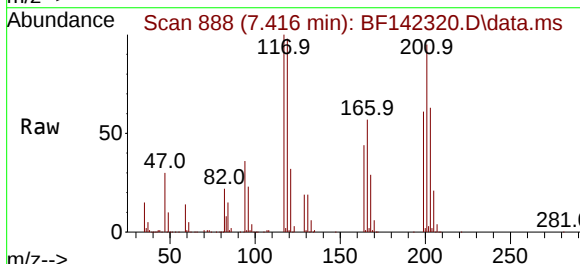
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

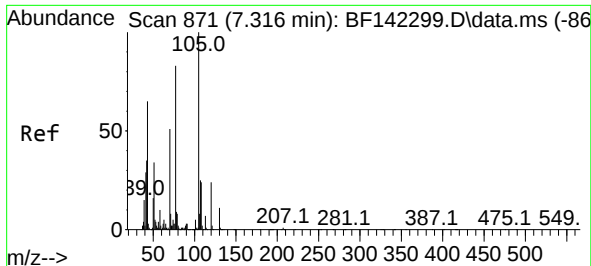
Tgt Ion:	107	Resp:	513697
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	44.0	34.7	52.1
79	42.8	34.5	51.7



#18
Hexachloroethane
Concen: 35.700 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:	117	Resp:	199081
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.9	115.3
201	95.0	78.0	117.0

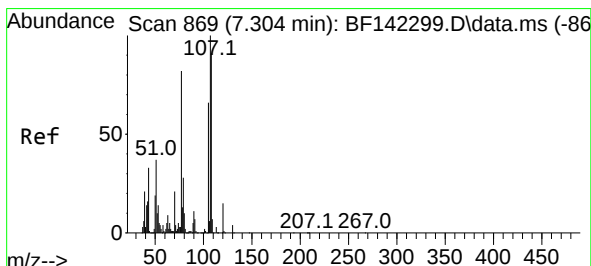
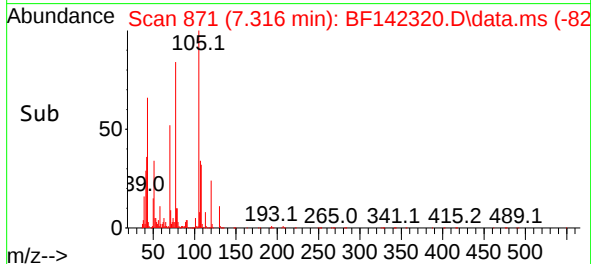
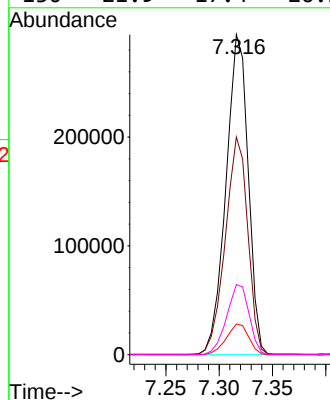
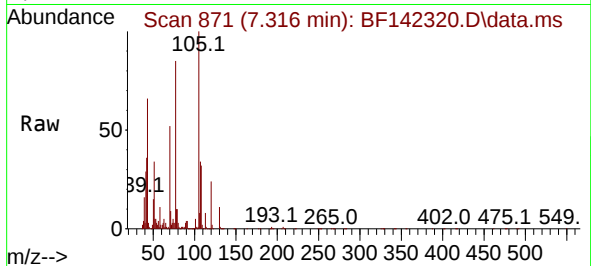




#19
n-Nitroso-di-n-propylamine
Concen: 41.100 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

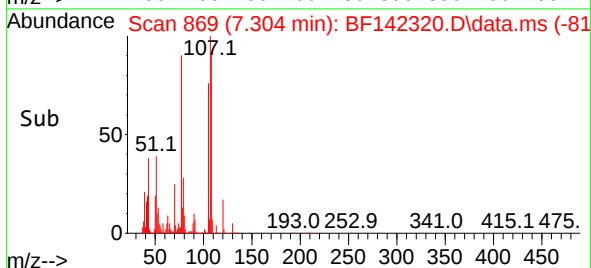
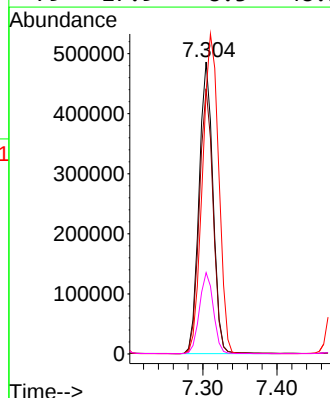
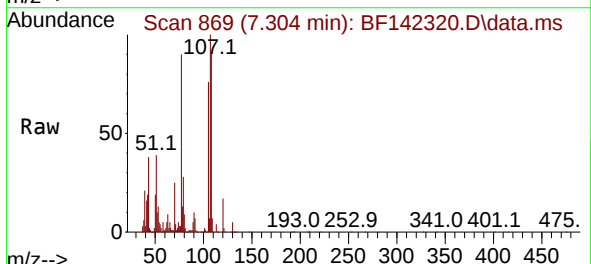
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

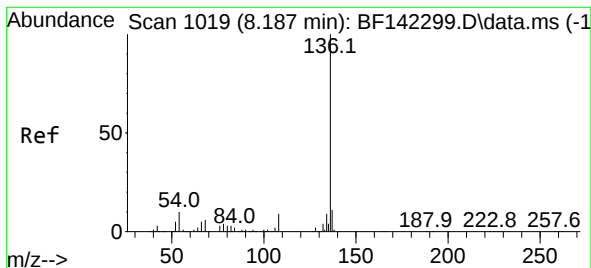
Tgt Ion: 70 Resp: 426939
Ion Ratio Lower Upper
70 100
42 68.0 54.8 82.2
101 9.6 7.7 11.5
130 21.9 17.4 26.2



#20
3+4-Methylphenols
Concen: 42.987 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion: 107 Resp: 633758
Ion Ratio Lower Upper
107 100
108 90.8 71.5 111.5
77 89.9 61.6 101.6
79 27.9 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: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

Tgt Ion:136 Resp: 891763

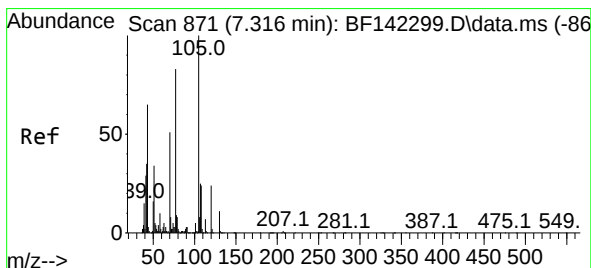
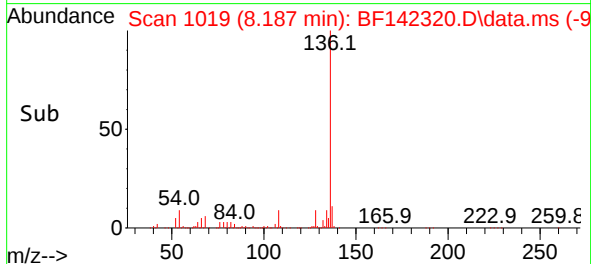
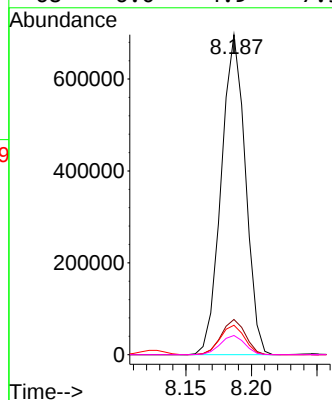
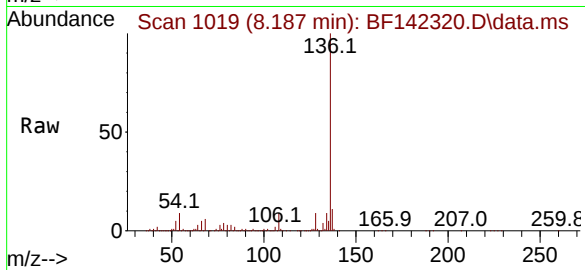
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 7.7 11.5

68 6.0 4.9 7.3



#22

Acetophenone

Concen: 41.292 ng

RT: 7.316 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Tgt Ion:105 Resp: 818731

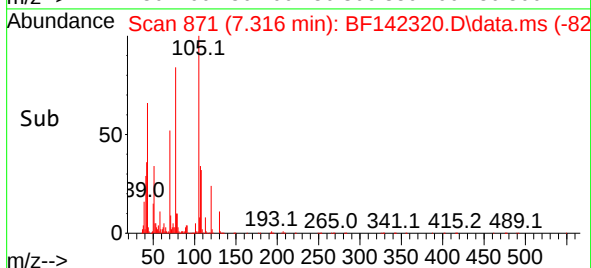
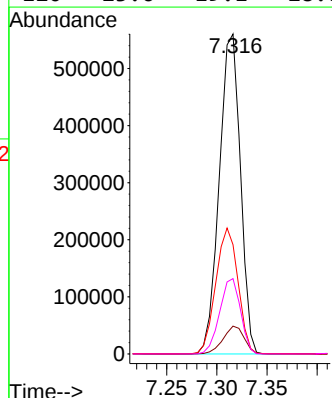
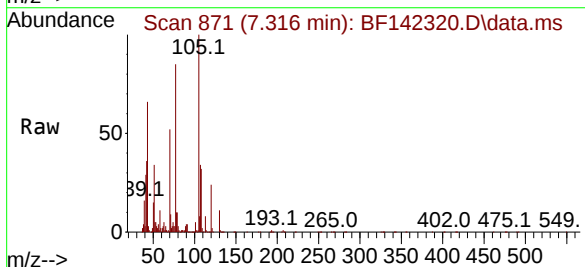
Ion Ratio Lower Upper

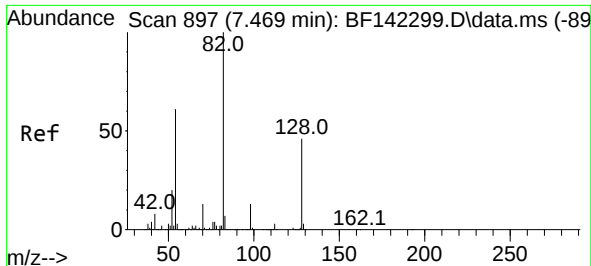
105 100

71 8.7 6.7 10.1

51 34.1 27.6 41.4

120 23.6 19.1 28.7





#23

Nitrobenzene-d5

Concen: 81.403 ng

RT: 7.469 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

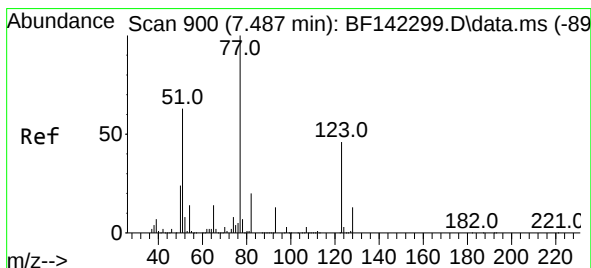
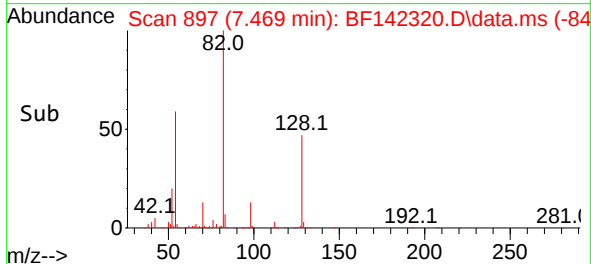
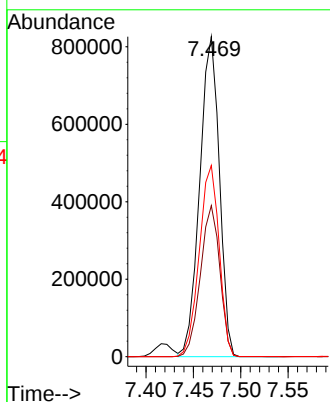
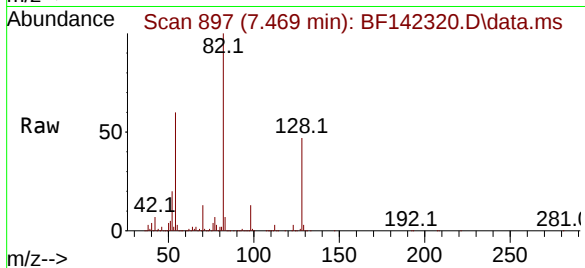
BNA_F

ClientSampleId :

MH-LLMS

Tgt Ion: 82 Resp: 1190289

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.0	55.6
54	59.7	48.6	73.0



#24

Nitrobenzene

Concen: 43.757 ng

RT: 7.487 min Scan# 900

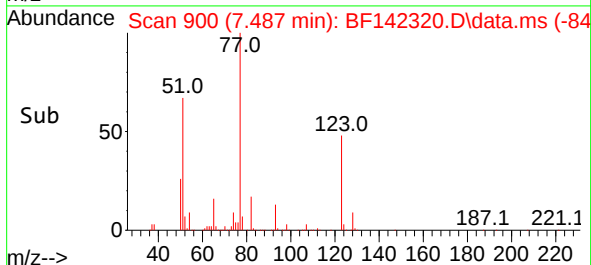
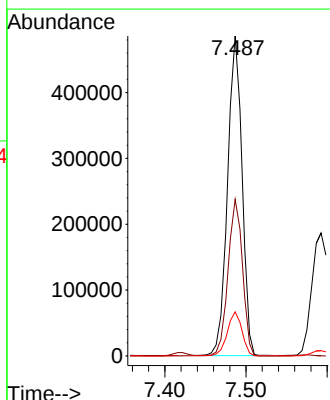
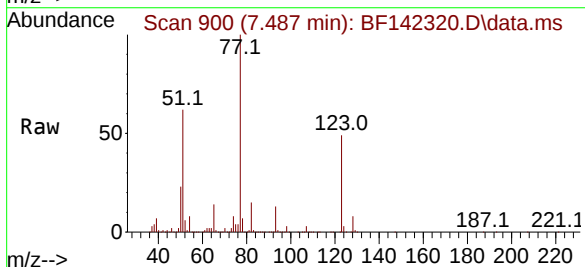
Delta R.T. 0.000 min

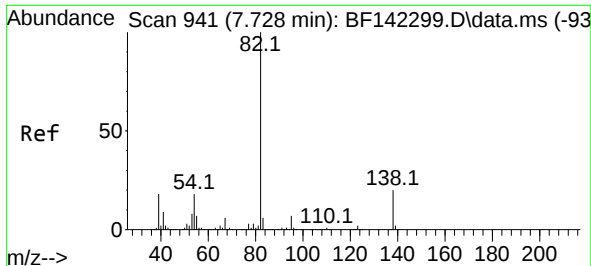
Lab File: BF142320.D

Acq: 12 May 2025 15:13

Tgt Ion: 77 Resp: 603111

Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.8	56.8
65	13.8	11.4	17.0

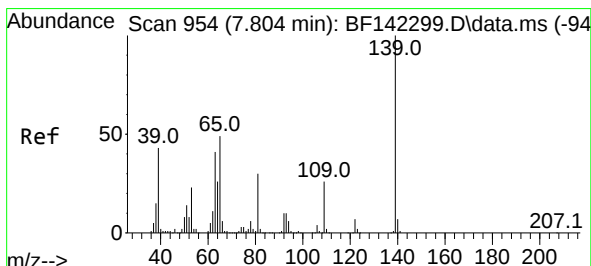
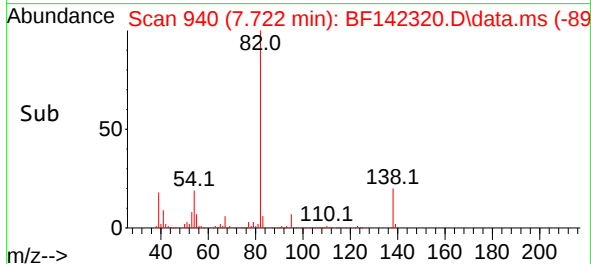
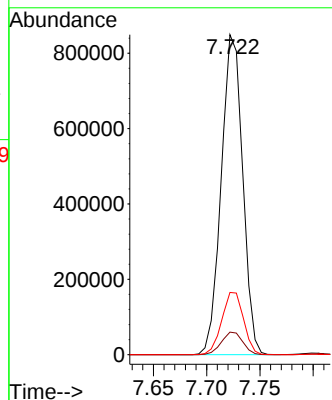
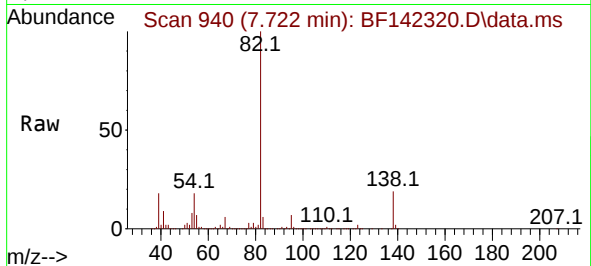




#25
Isophorone
Concen: 42.894 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

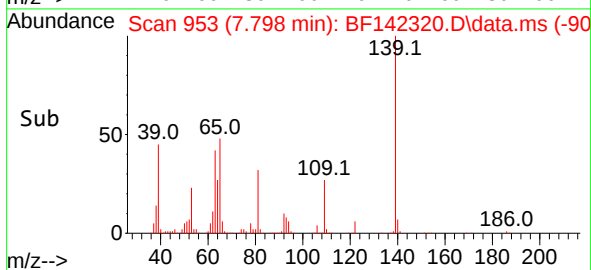
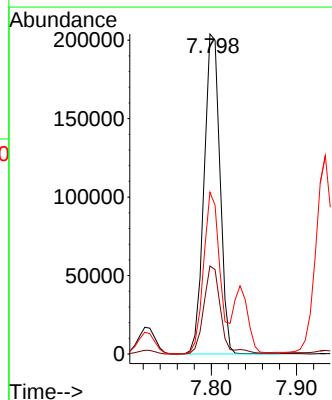
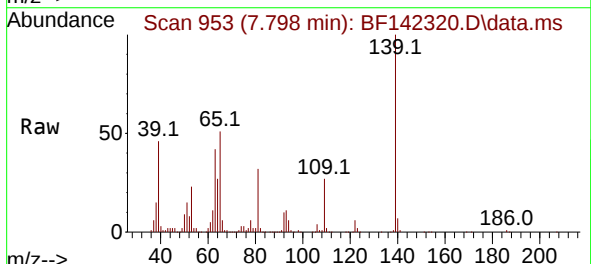
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

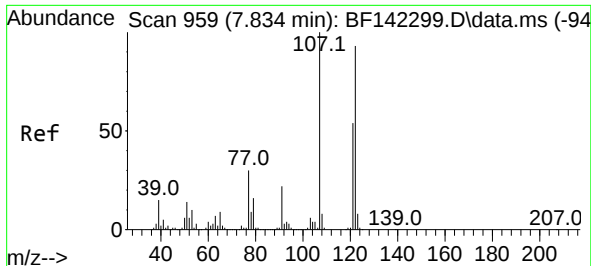
Tgt Ion: 82 Resp: 1187704
Ion Ratio Lower Upper
82 100
95 7.1 5.8 8.8
138 19.5 16.1 24.1



#26
2-Nitrophenol
Concen: 40.516 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:139 Resp: 264547
Ion Ratio Lower Upper
139 100
109 27.5 20.8 31.2
65 50.6 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 44.009 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

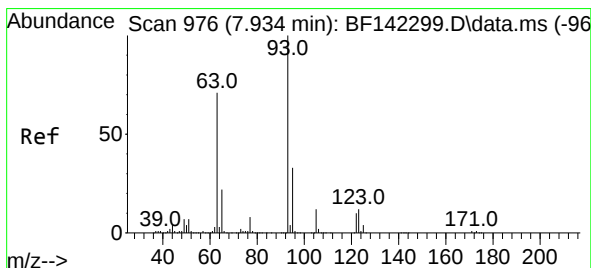
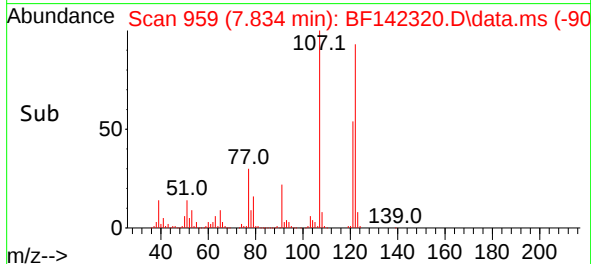
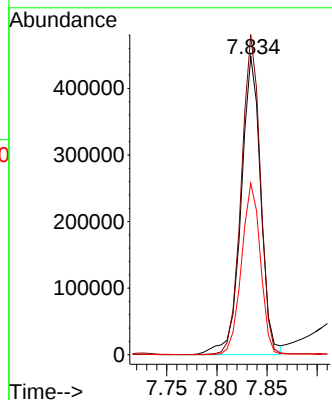
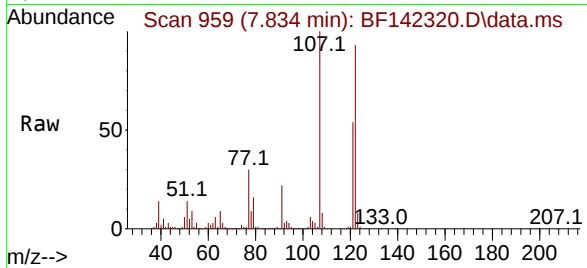
Tgt Ion:122 Resp: 612670

Ion Ratio Lower Upper

122 100

107 107.2 86.0 129.0

121 57.4 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.322 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

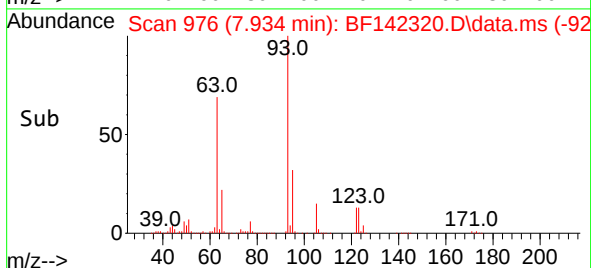
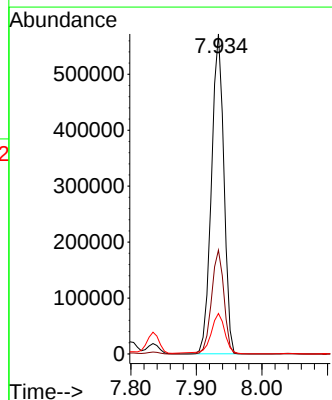
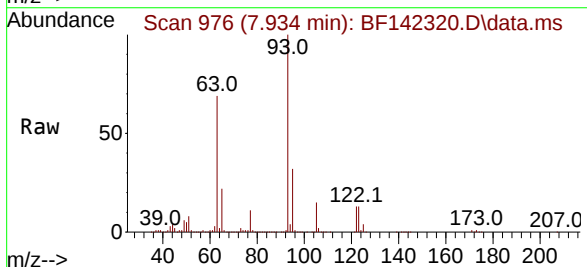
Tgt Ion: 93 Resp: 753527

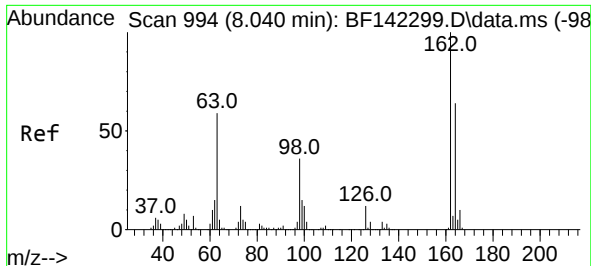
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 12.7 10.2 15.4

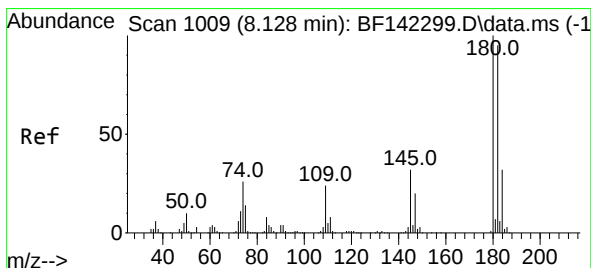
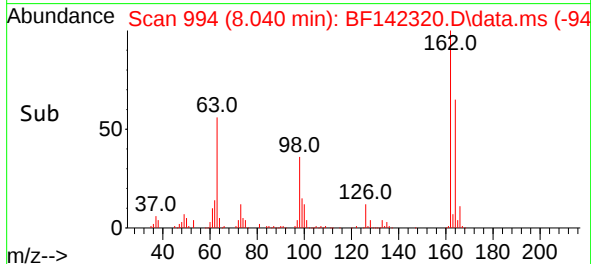
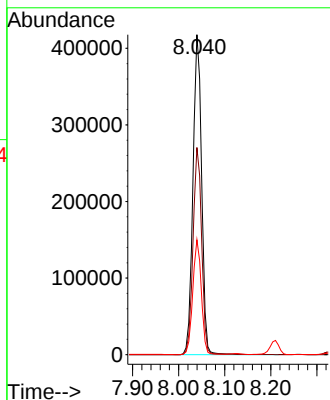
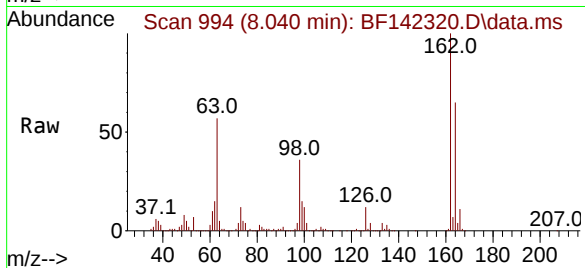




#29
2,4-Dichlorophenol
Concen: 46.045 ng
RT: 8.040 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

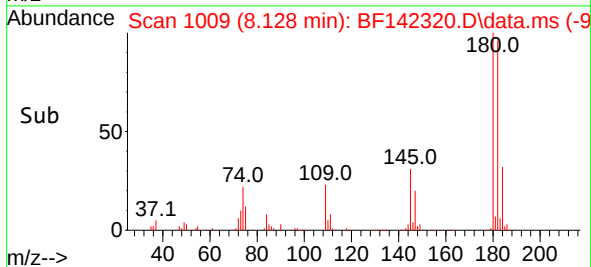
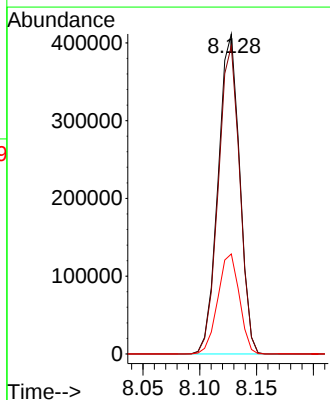
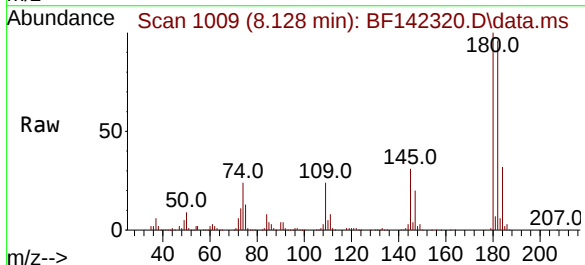
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

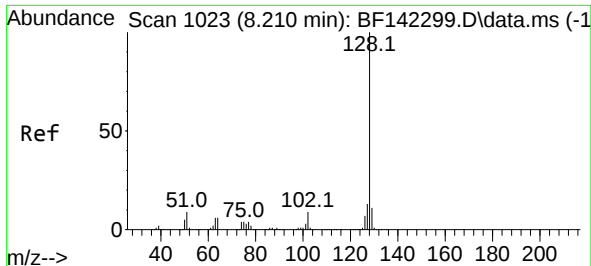
Tgt Ion:162 Resp: 544969
Ion Ratio Lower Upper
162 100
164 64.7 43.6 83.6
98 35.9 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 40.673 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:180 Resp: 541759
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 31.3 25.8 38.6

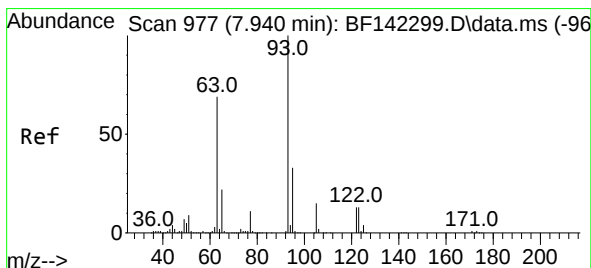
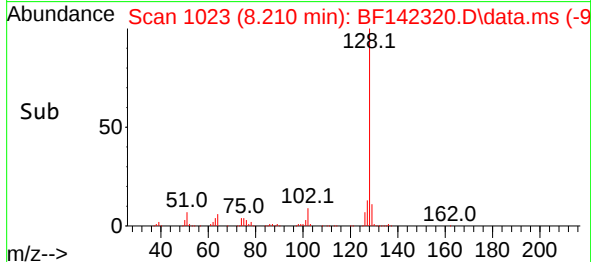
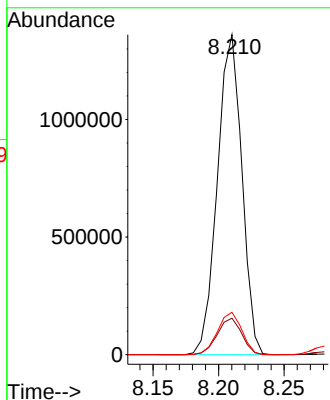
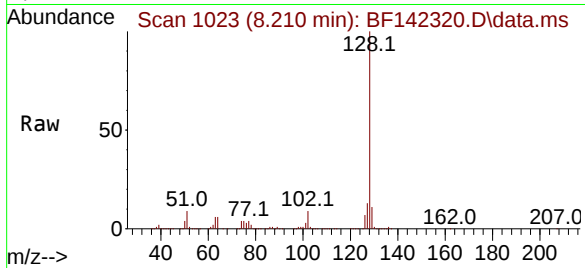




#31
Naphthalene
Concen: 40.842 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

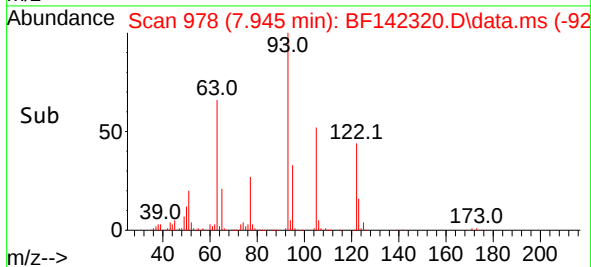
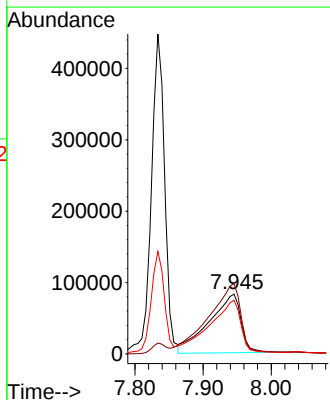
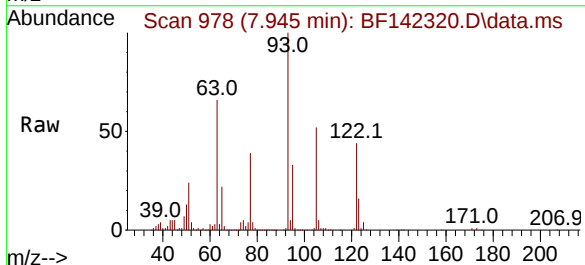
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

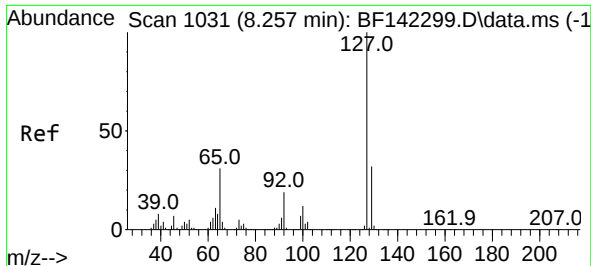
Tgt Ion:128 Resp: 1765188
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 38.390 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:122 Resp: 267052
Ion Ratio Lower Upper
122 100
105 117.7 97.9 137.9
77 89.8 67.7 107.7

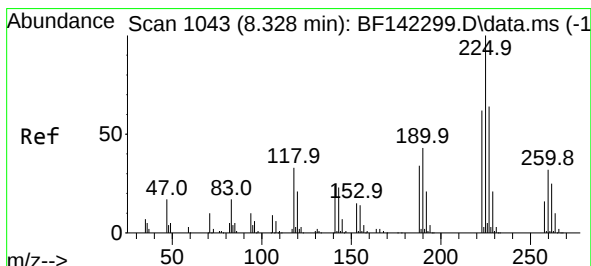
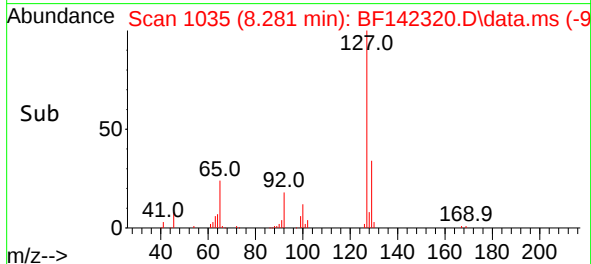
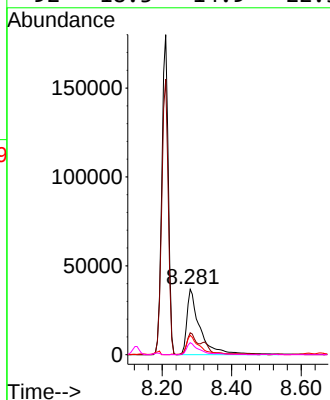
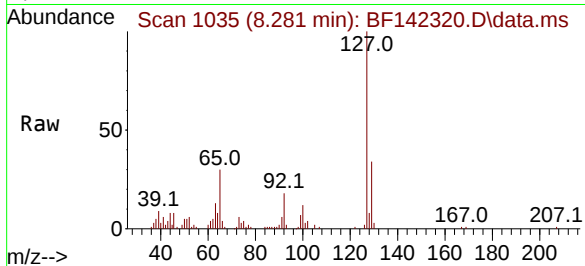




#33
4-Chloroaniline
Concen: 5.490 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

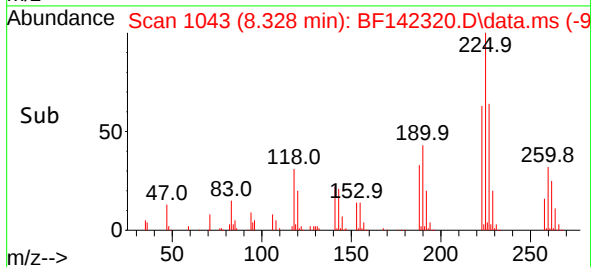
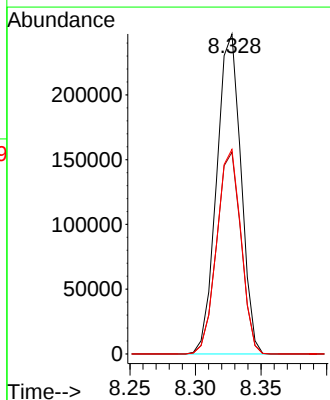
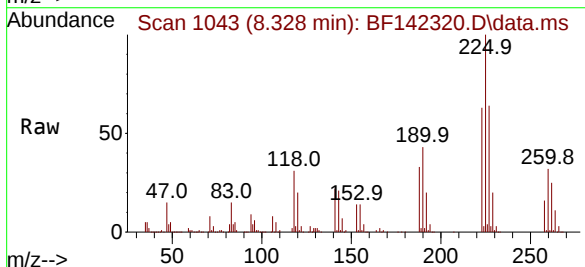
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

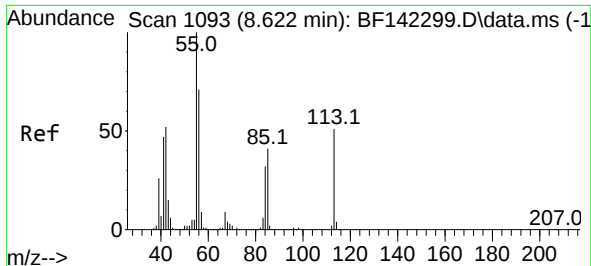
Tgt Ion:127	Resp:	96818
Ion Ratio	Lower	Upper
127	100	
129	33.5	25.7 38.5
65	29.7	24.9 37.3
92	18.3	14.9 22.3



#34
Hexachlorobutadiene
Concen: 40.322 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:225	Resp:	318036
Ion Ratio	Lower	Upper
225	100	
223	63.1	49.8 74.6
227	63.9	50.9 76.3

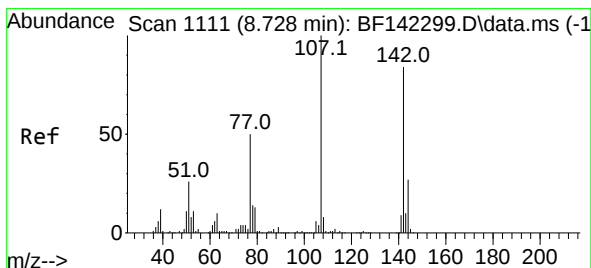
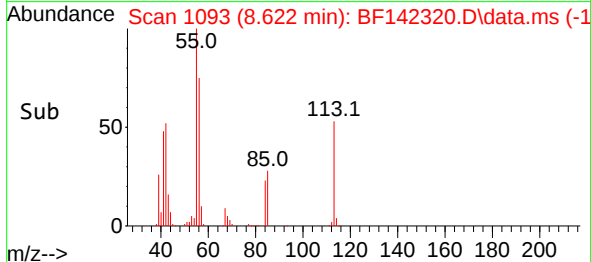
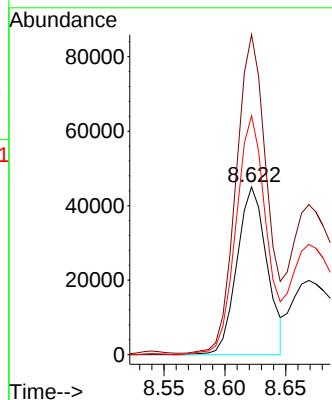
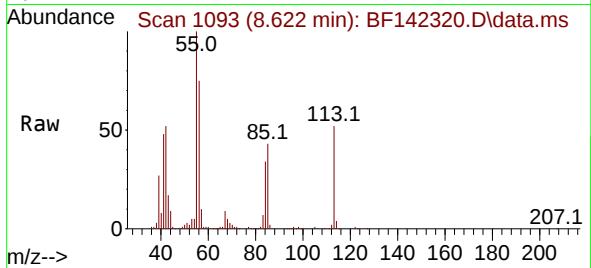




#35
 Caprolactam
 Concen: 22.431 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

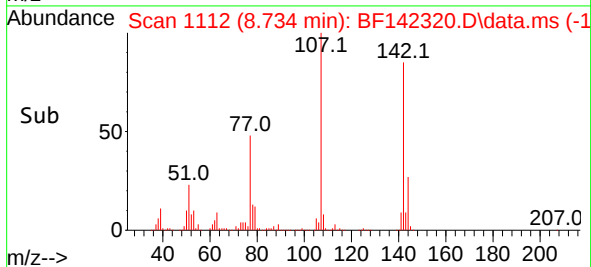
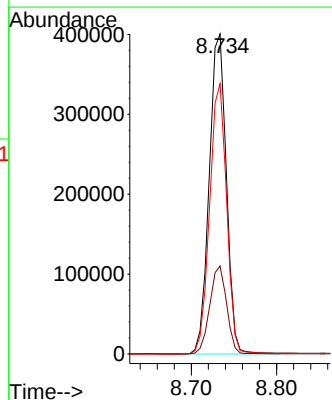
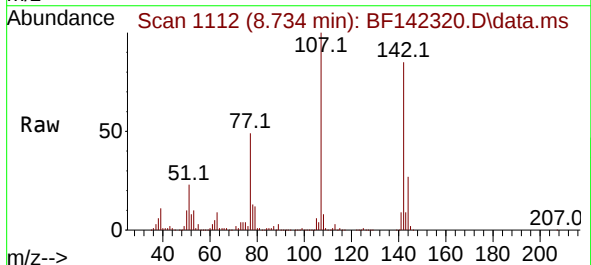
Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMS

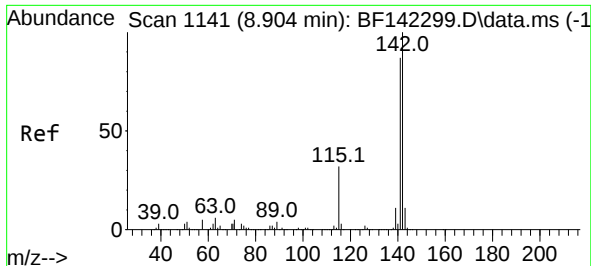
Tgt Ion:113 Resp: 77374
 Ion Ratio Lower Upper
 113 100
 55 190.6 176.4 216.4
 56 142.4 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.530 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

Tgt Ion:107 Resp: 560160
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.3 31.9
 142 84.5 66.9 100.3

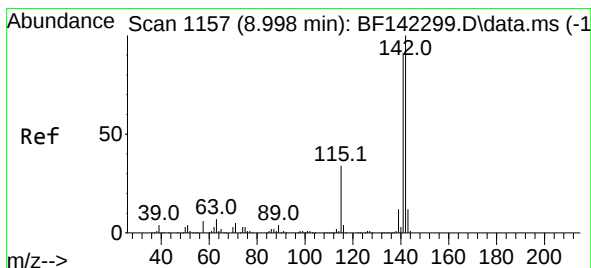
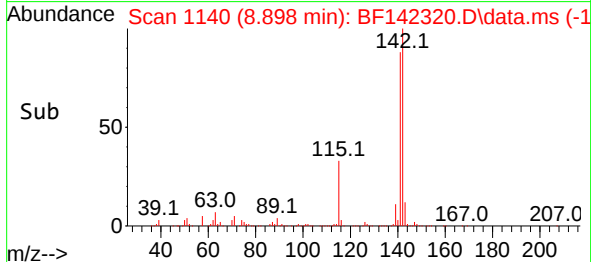
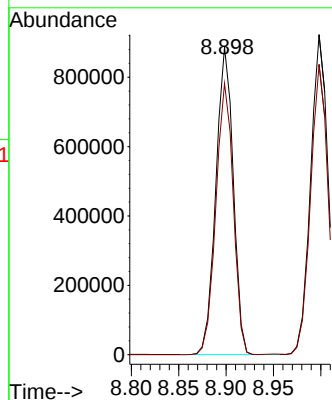
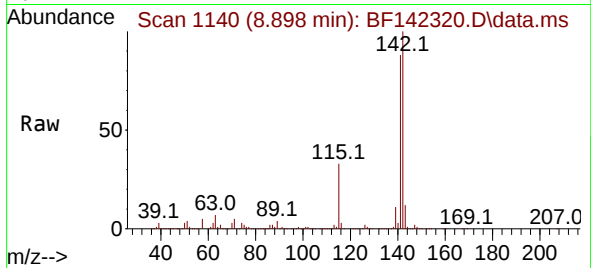




#37
2-Methylnaphthalene
Concen: 42.022 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

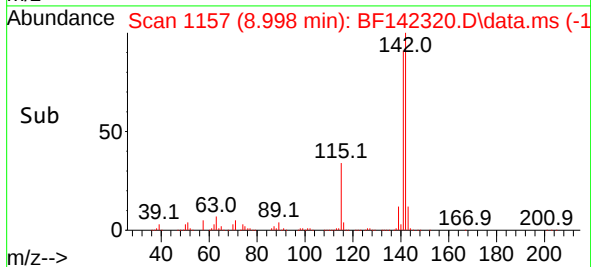
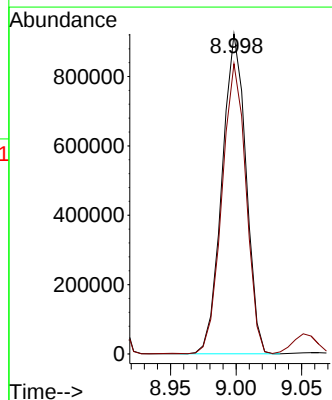
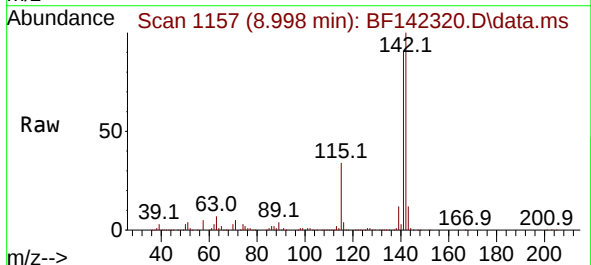
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

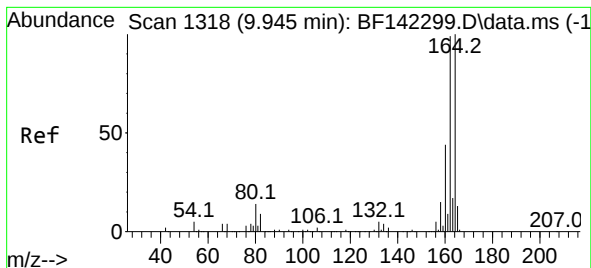
Tgt Ion:142 Resp: 1128541
Ion Ratio Lower Upper
142 100
141 88.2 69.4 104.2



#38
1-Methylnaphthalene
Concen: 41.907 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:142 Resp: 1173028
Ion Ratio Lower Upper
142 100
141 90.7 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: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

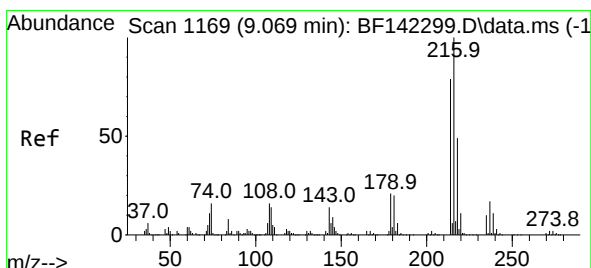
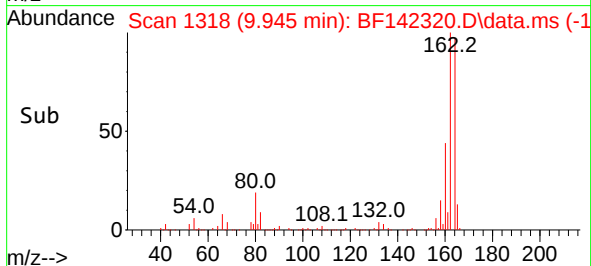
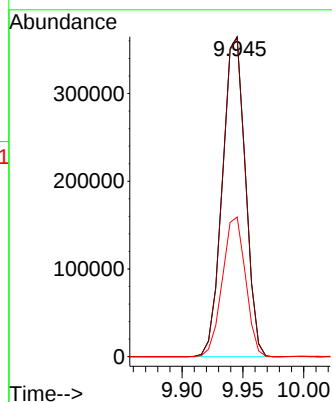
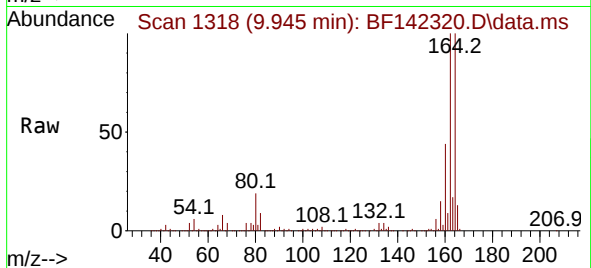
Tgt Ion:164 Resp: 479961

Ion Ratio Lower Upper

164 100

162 99.5 79.2 118.8

160 43.6 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.744 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Tgt Ion:216 Resp: 559572

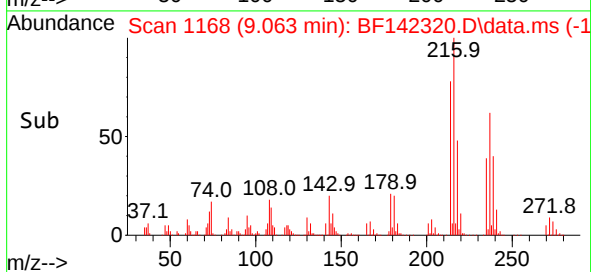
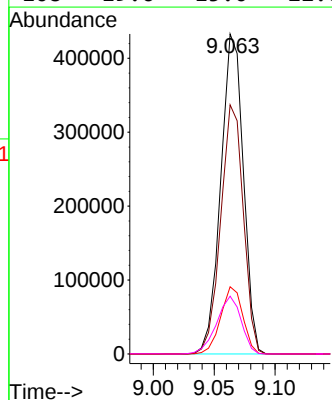
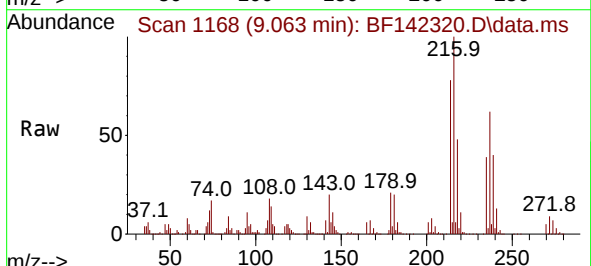
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 20.6 17.0 25.6

108 19.6 15.0 22.6

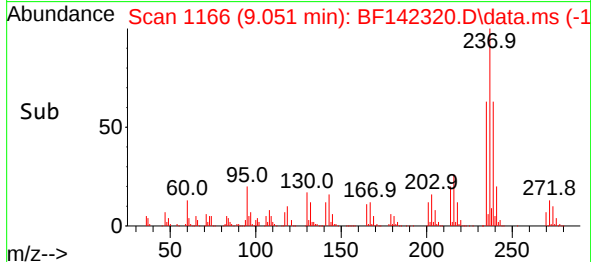
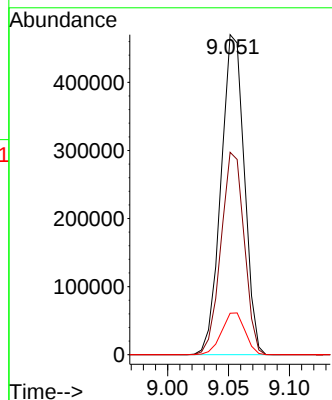
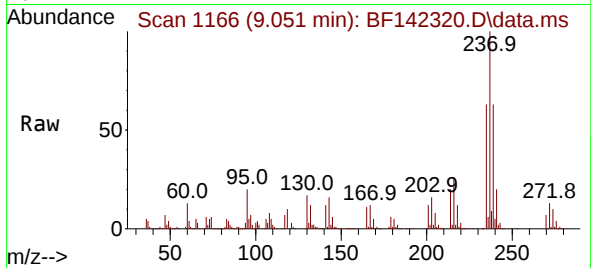




#41
Hexachlorocyclopentadiene
Concen: 75.568 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

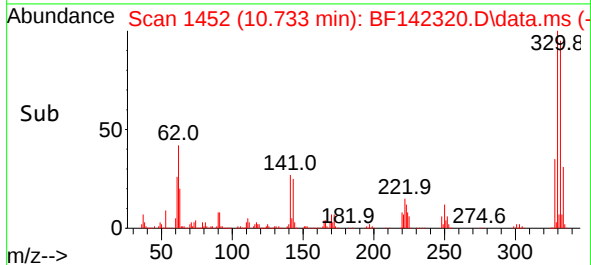
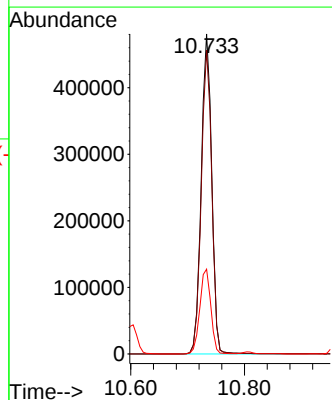
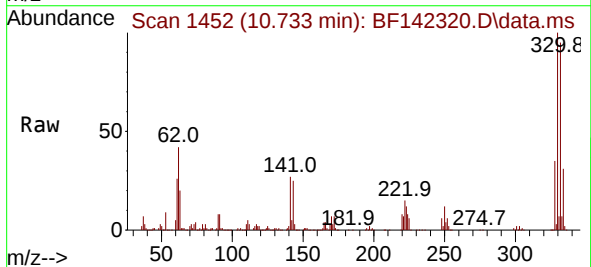
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

Tgt Ion:237 Resp: 626040
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 13.0 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 133.614 ng
RT: 10.733 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:330 Resp: 619157
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 27.7 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 45.734 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

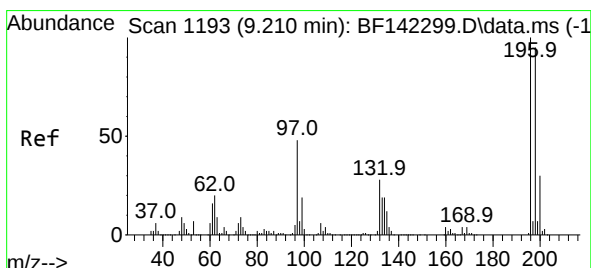
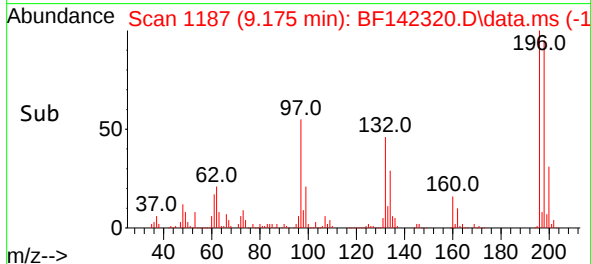
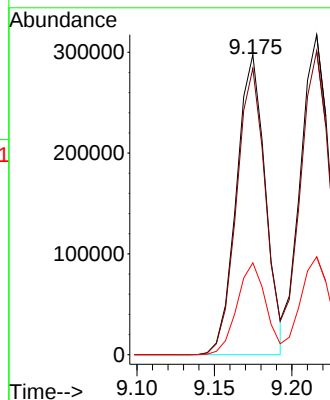
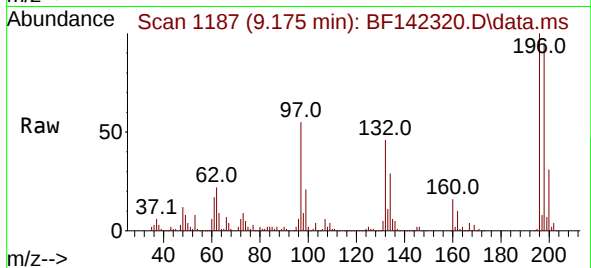
Tgt Ion:196 Resp: 386694

Ion Ratio Lower Upper

196 100

198 95.5 75.4 113.0

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.686 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Tgt Ion:196 Resp: 420012

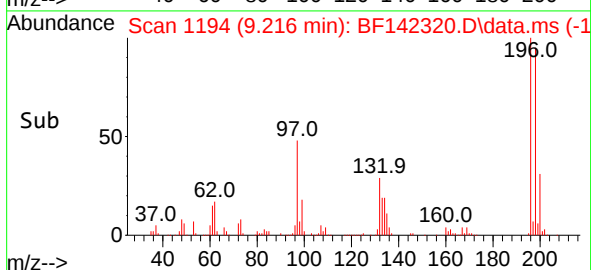
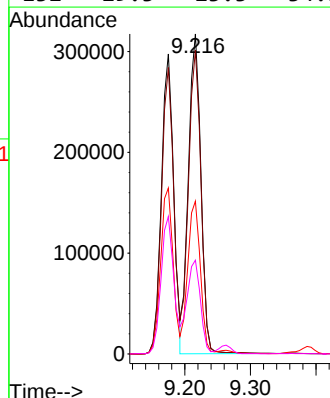
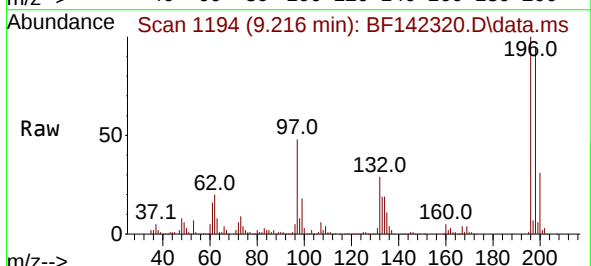
Ion Ratio Lower Upper

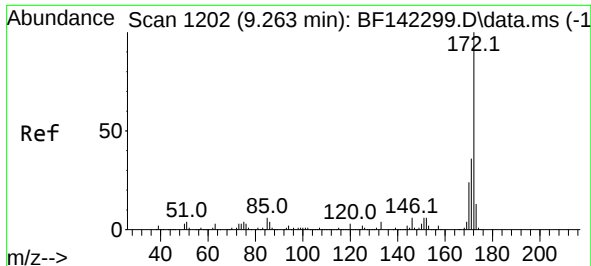
196 100

198 95.0 76.1 114.1

97 47.8 39.0 58.4

132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.568 ng

RT: 9.263 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

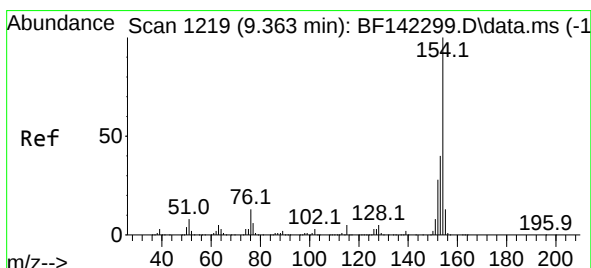
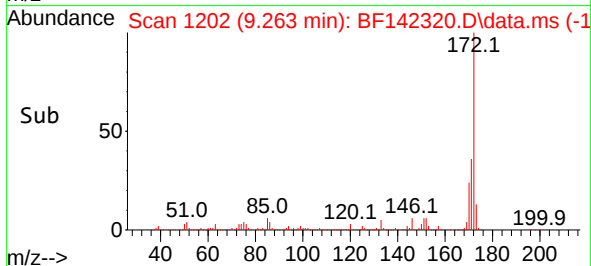
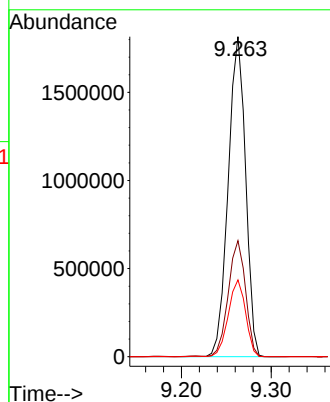
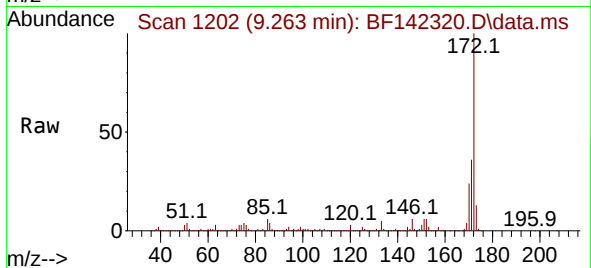
Tgt Ion:172 Resp: 2442681

Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.997 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

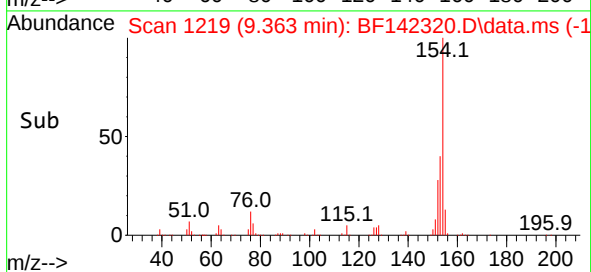
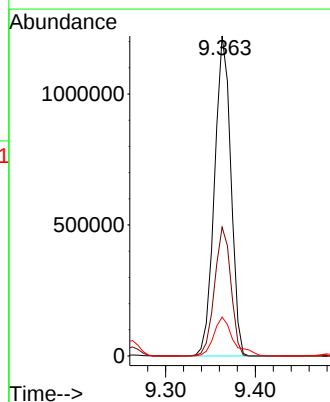
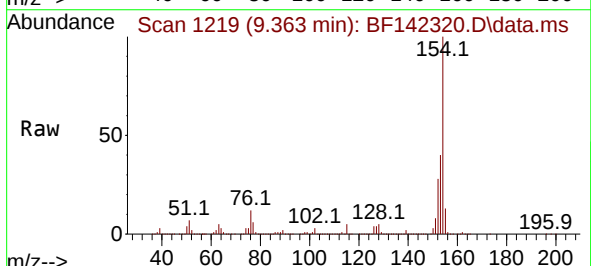
Tgt Ion:154 Resp: 1545515

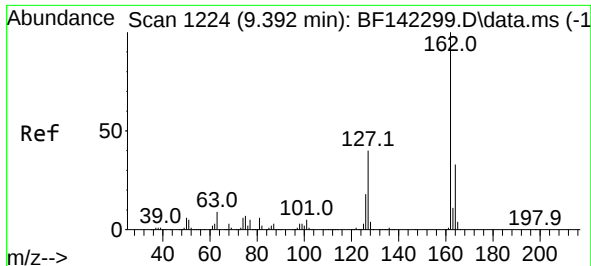
Ion Ratio Lower Upper

154 100

153 40.2 20.5 60.5

76 12.2 0.0 32.8

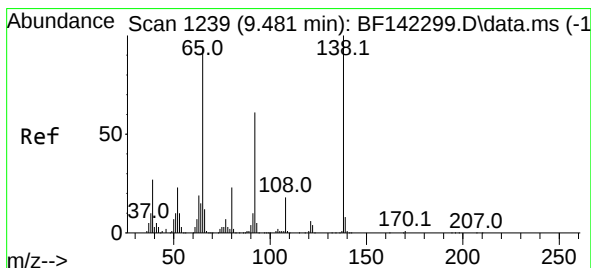
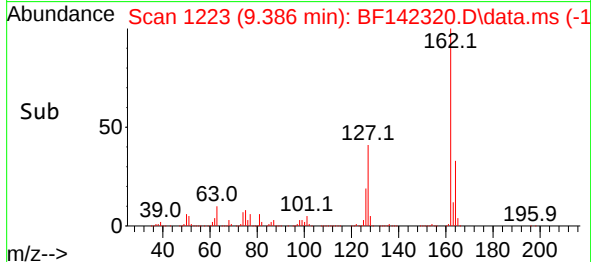
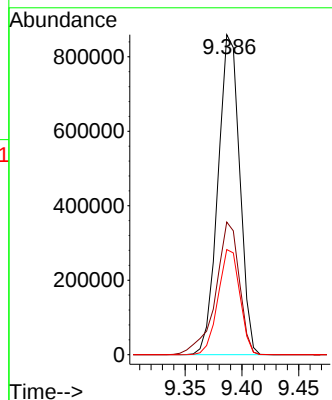
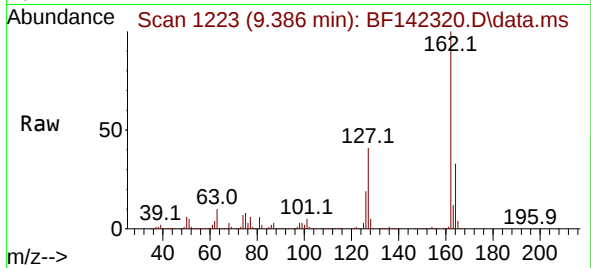




#47
2-Chloronaphthalene
Concen: 41.837 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

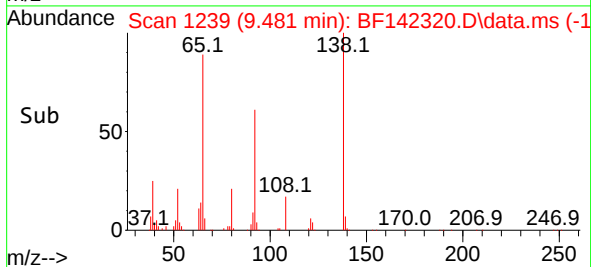
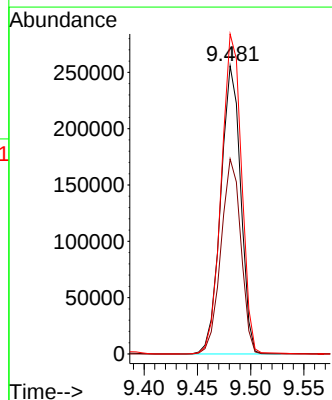
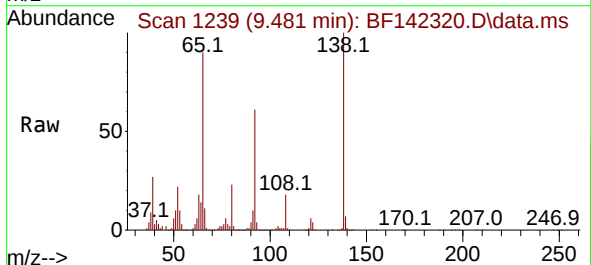
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

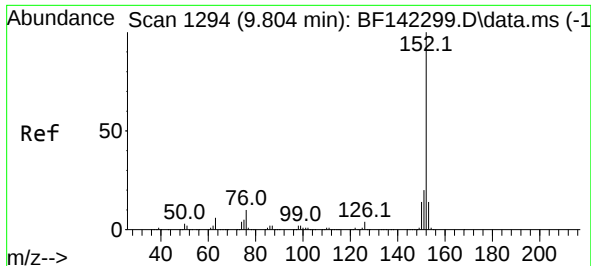
Tgt Ion:162 Resp: 1144986
Ion Ratio Lower Upper
162 100
127 41.5 32.3 48.5
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 47.328 ng
RT: 9.481 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion: 65 Resp: 332000
Ion Ratio Lower Upper
65 100
92 67.7 52.3 78.5
138 111.1 85.6 128.4

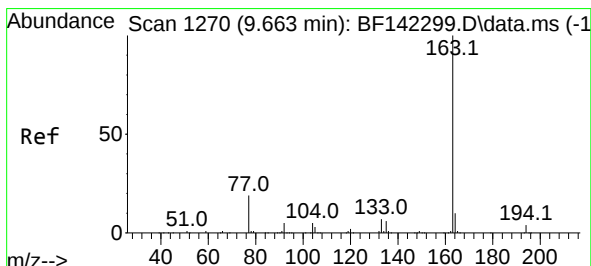
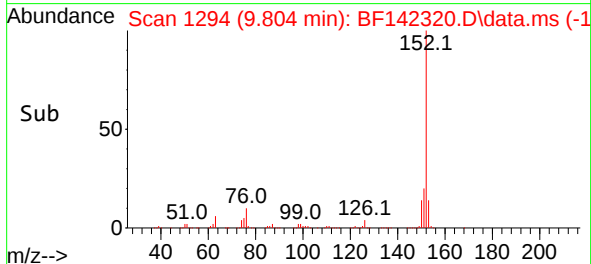
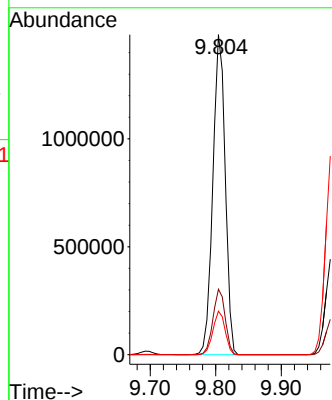
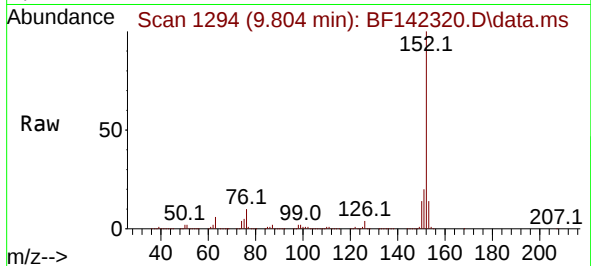




#49
Acenaphthylene
Concen: 42.401 ng
RT: 9.804 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

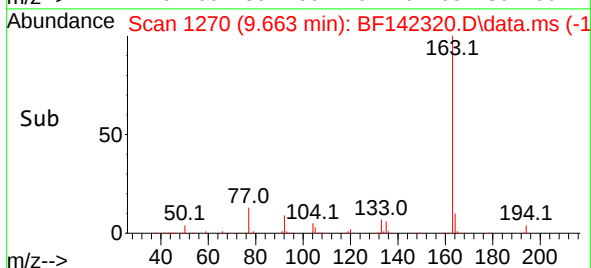
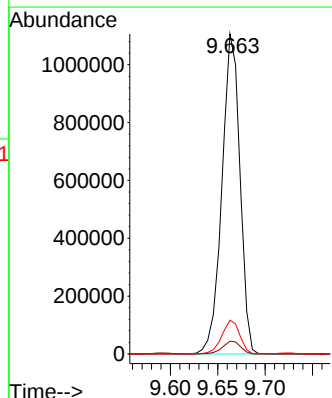
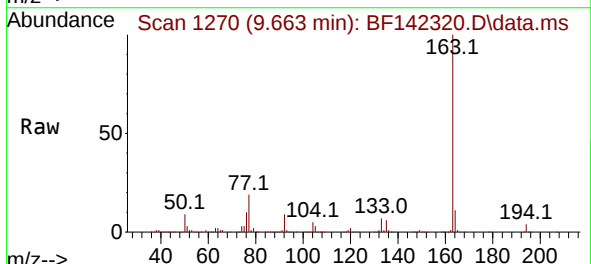
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

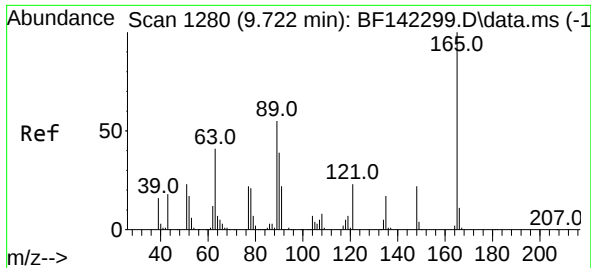
Tgt Ion:152 Resp: 1941207
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.6 10.8 16.2



#50
Dimethylphthalate
Concen: 47.544 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:163 Resp: 1465302
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.6 8.3 12.5

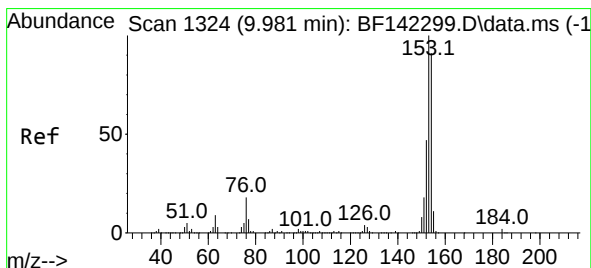
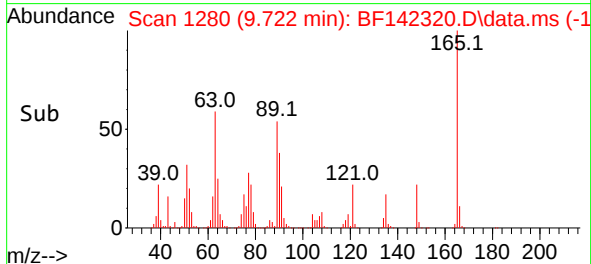
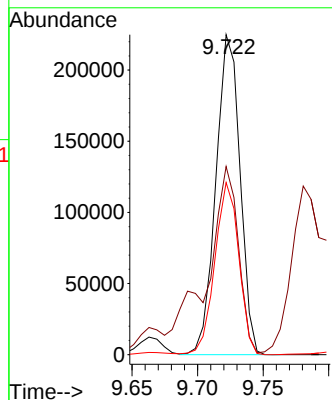
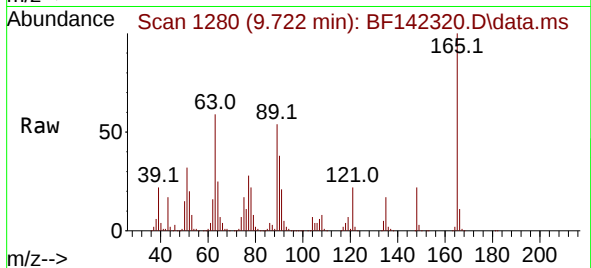




#51
2,6-Dinitrotoluene
Concen: 49.918 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

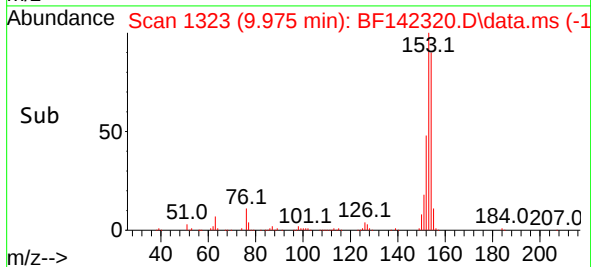
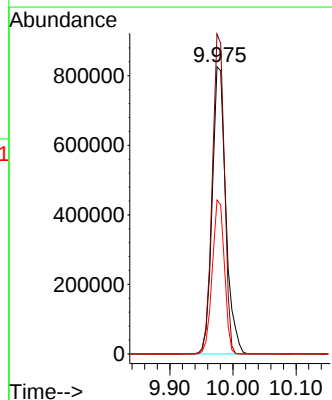
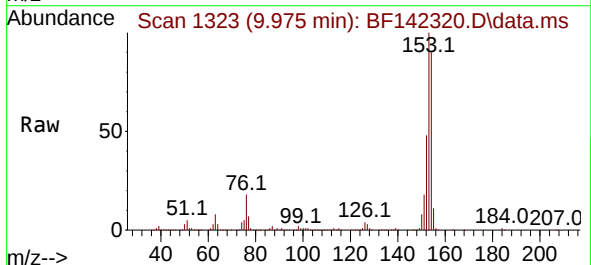
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

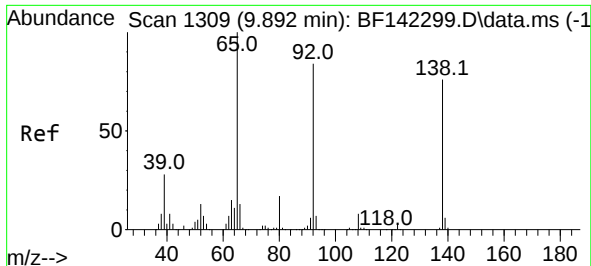
Tgt Ion:165 Resp: 287969
Ion Ratio Lower Upper
165 100
63 58.8 49.5 74.3
89 53.8 44.6 66.8



#52
Acenaphthene
Concen: 44.961 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:154 Resp: 1237699
Ion Ratio Lower Upper
154 100
153 111.4 88.0 132.0
152 53.6 41.6 62.4

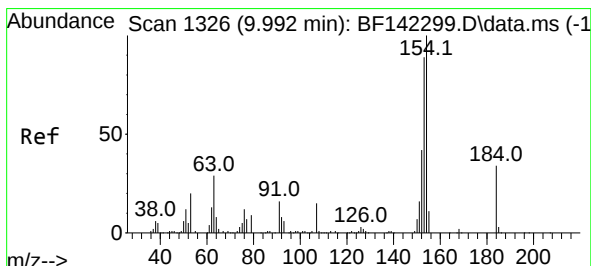
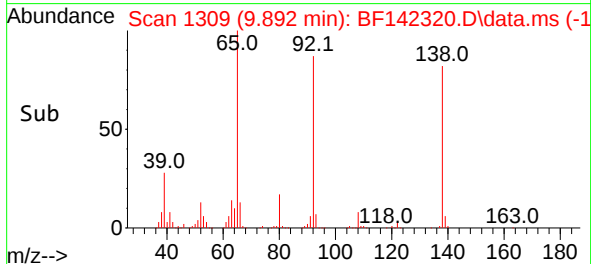
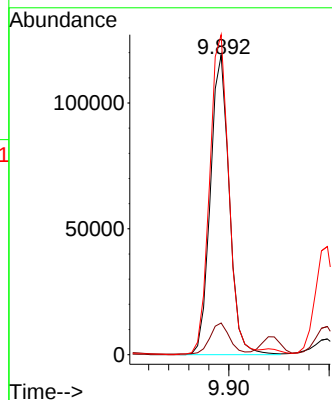
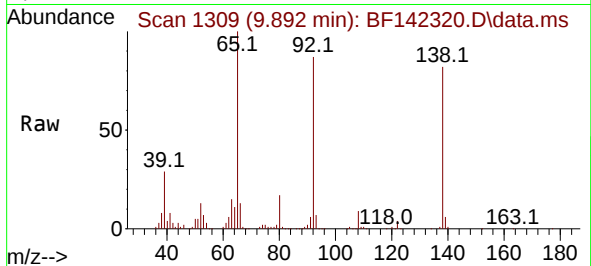




#53
3-Nitroaniline
Concen: 23.107 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

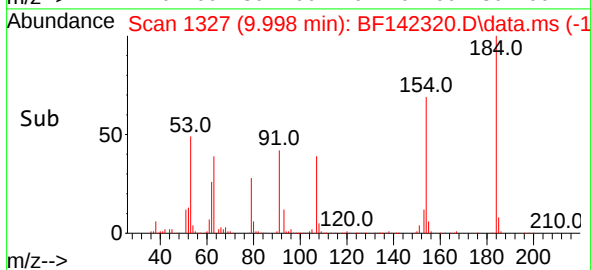
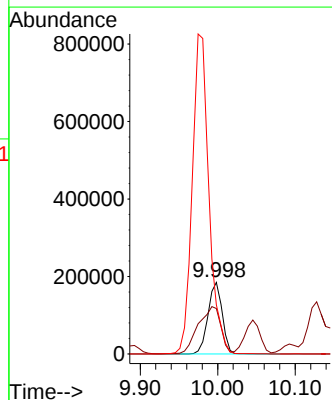
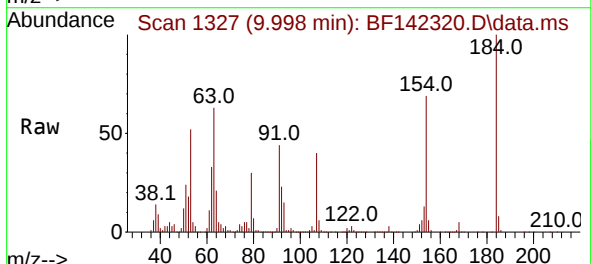
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

Tgt Ion:138 Resp: 156336
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 106.8 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 78.422 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:184 Resp: 236181
Ion Ratio Lower Upper
184 100
63 63.4 70.6 105.8#
154 68.7 257.2 385.8#

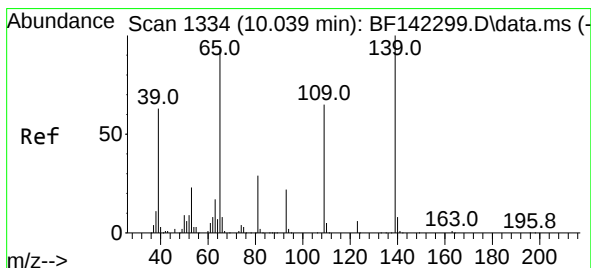
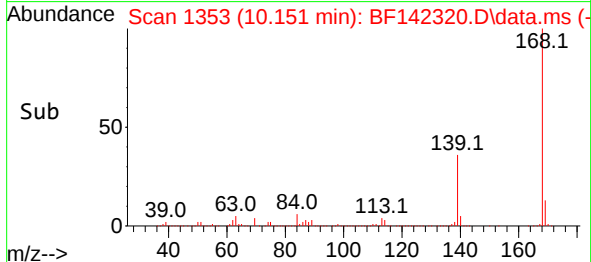
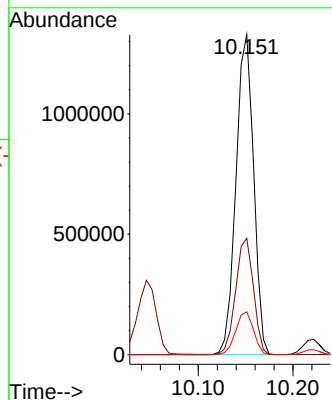
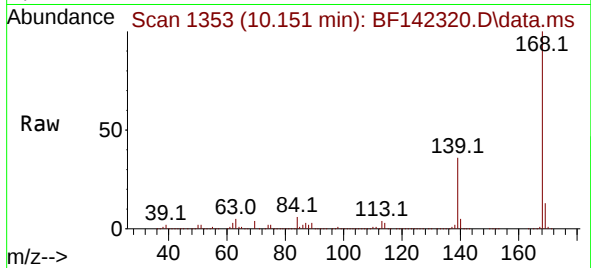




#55
Dibenzofuran
Concen: 42.289 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

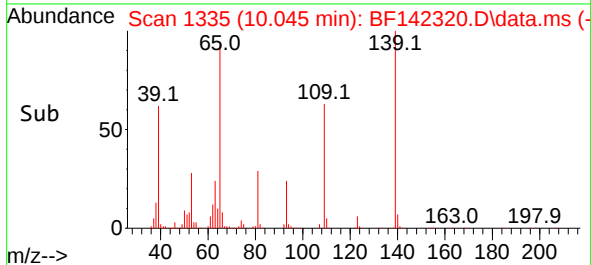
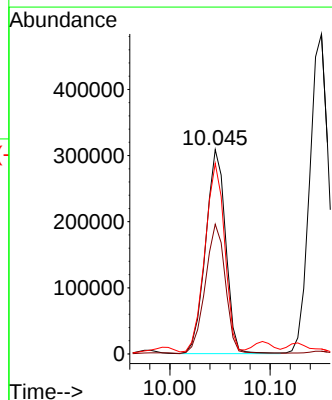
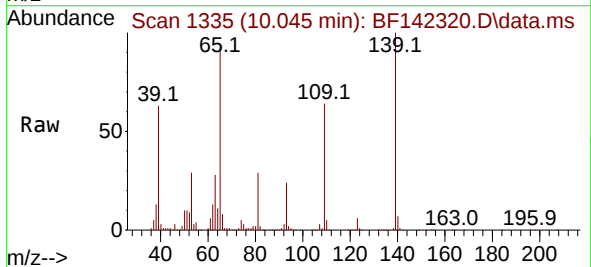
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

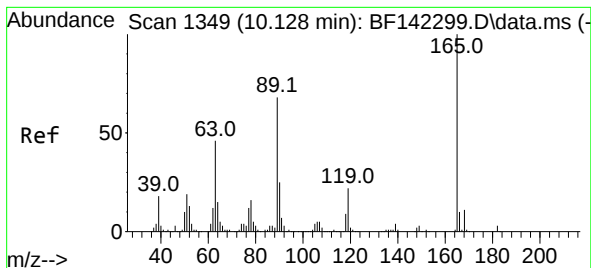
Tgt Ion:168 Resp: 1718071
Ion Ratio Lower Upper
168 100
139 36.4 29.0 43.4
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 84.114 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:139 Resp: 428313
Ion Ratio Lower Upper
139 100
109 63.5 45.3 85.3
65 93.3 73.9 113.9

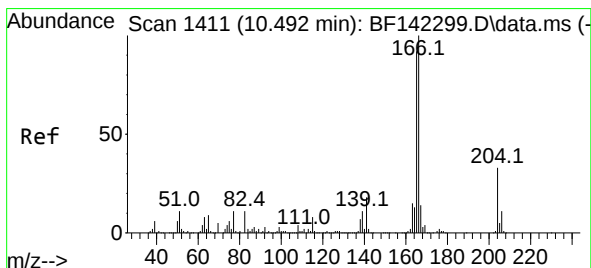
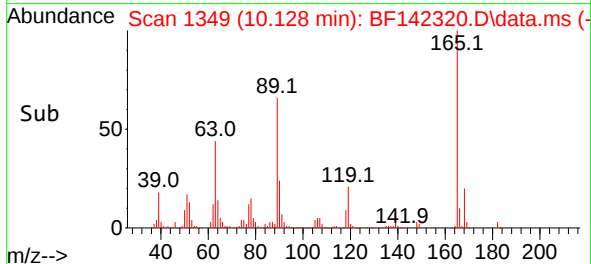
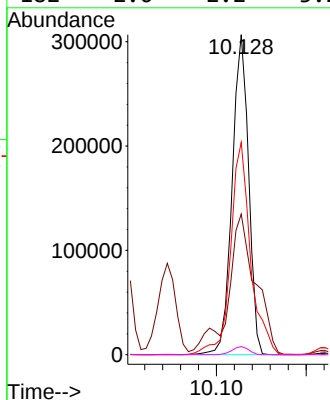
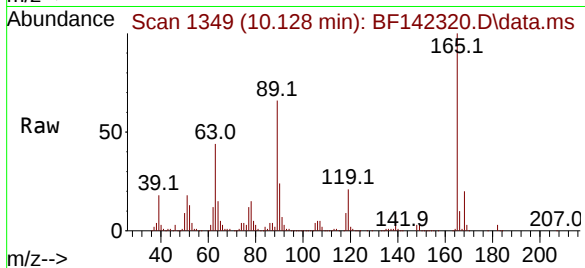




#57
2,4-Dinitrotoluene
Concen: 52.764 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

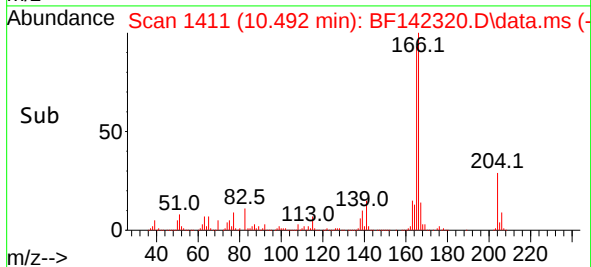
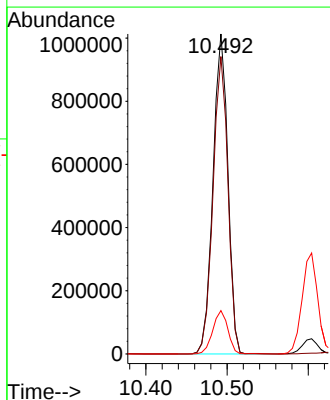
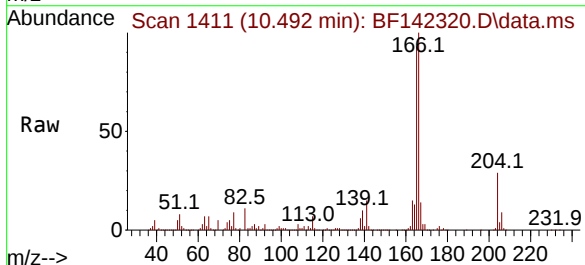
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

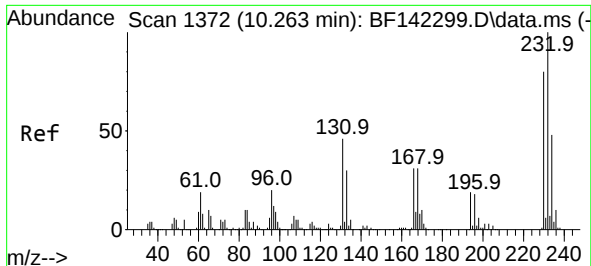
Tgt Ion:165 Resp: 390450
Ion Ratio Lower Upper
165 100
63 43.9 37.1 55.7
89 66.4 54.4 81.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.584 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:166 Resp: 1289295
Ion Ratio Lower Upper
166 100
165 93.0 74.0 111.0
167 13.6 10.9 16.3

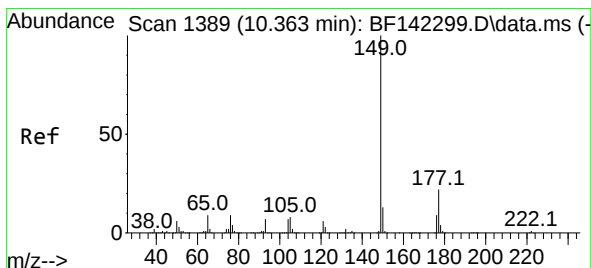
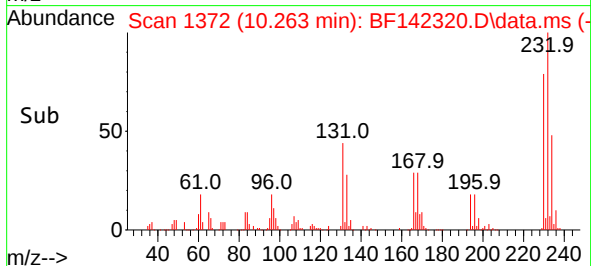
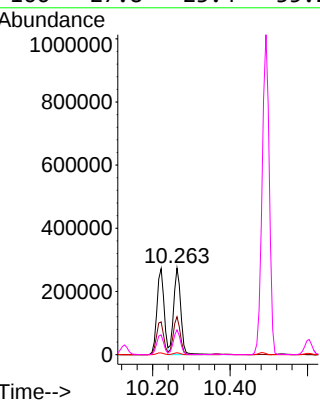
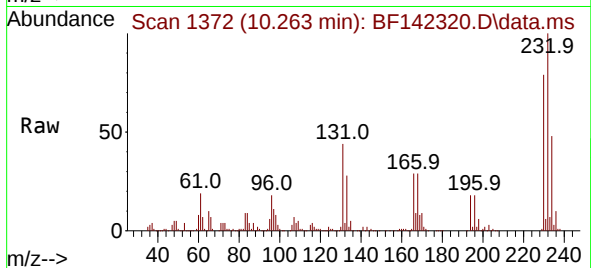




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.542 ng
RT: 10.263 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

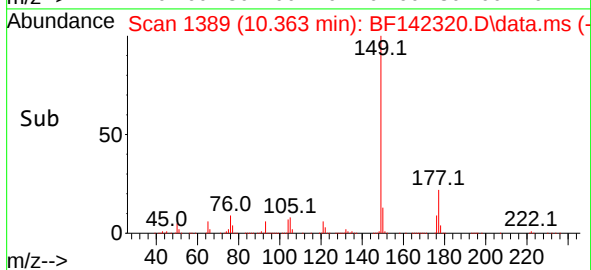
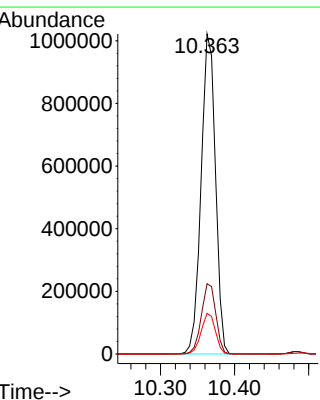
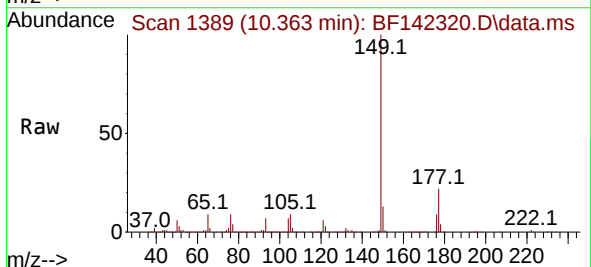
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

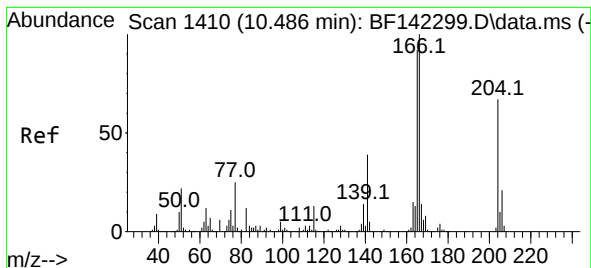
Tgt Ion:232 Resp: 353082
Ion Ratio Lower Upper
232 100
131 43.3 36.0 54.0
130 2.1 1.8 2.6
166 27.8 23.4 35.2



#60
Diethylphthalate
Concen: 44.598 ng
RT: 10.363 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:149 Resp: 1372654
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.1 15.1

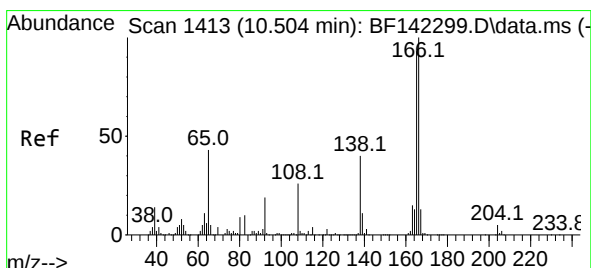
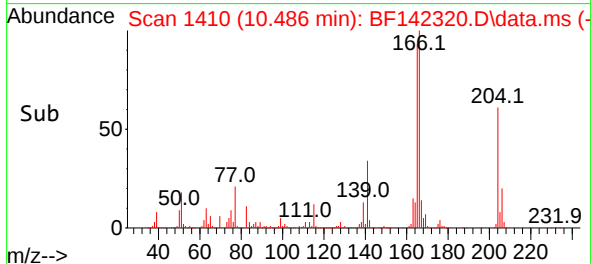
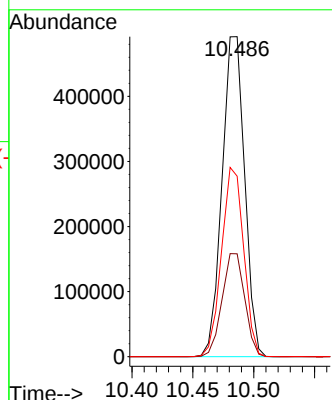
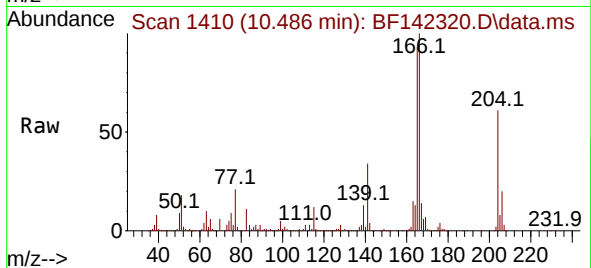




#61
4-Chlorophenyl-phenylether
Concen: 42.454 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

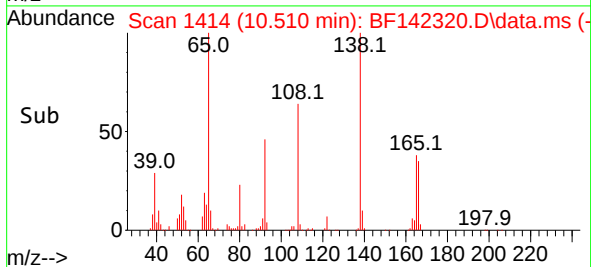
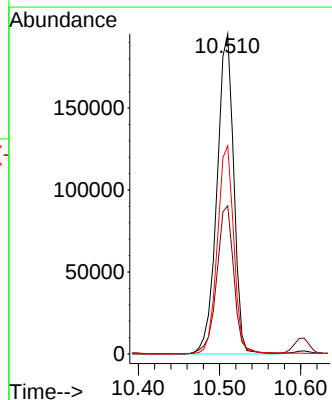
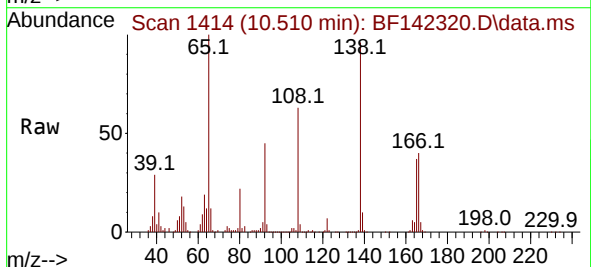
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

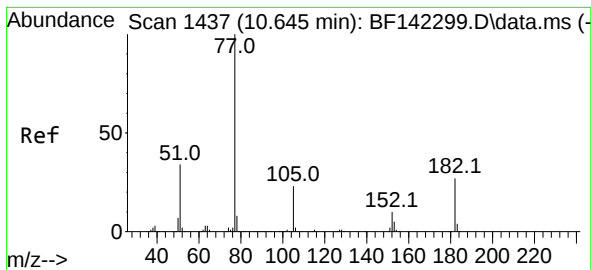
Tgt Ion:204 Resp: 635045
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 56.4 46.4 69.6



#62
4-Nitroaniline
Concen: 52.482 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:138 Resp: 281425
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 65.0 45.1 85.1





#63

Azobenzene

Concen: 42.510 ng

RT: 10.645 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

Tgt Ion: 77 Resp: 1250271

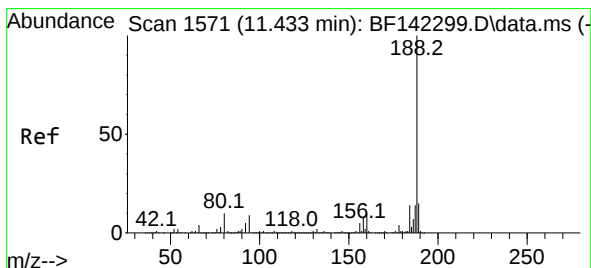
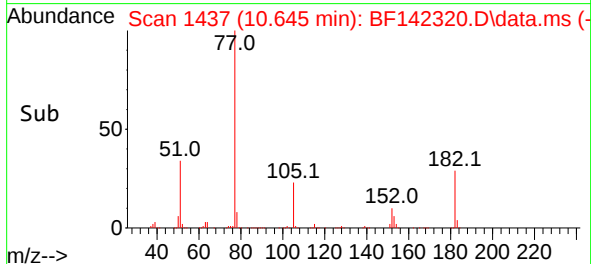
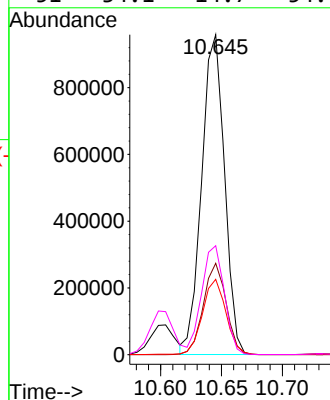
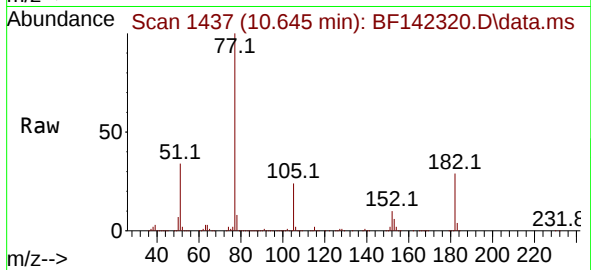
Ion Ratio Lower Upper

77 100

182 28.6 6.9 46.9

105 23.5 2.7 42.7

51 34.1 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: BF142320.D

Acq: 12 May 2025 15:13

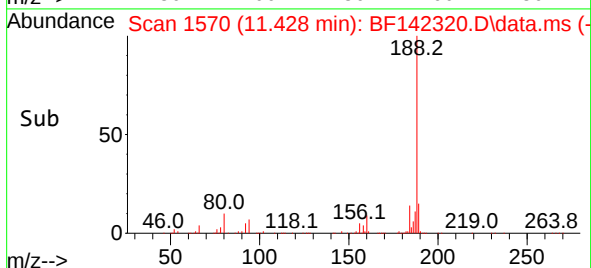
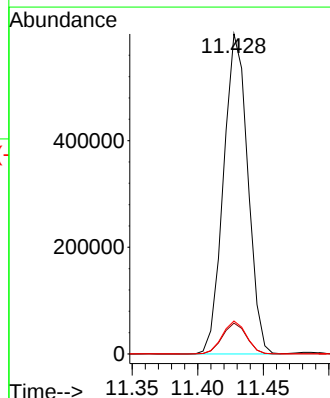
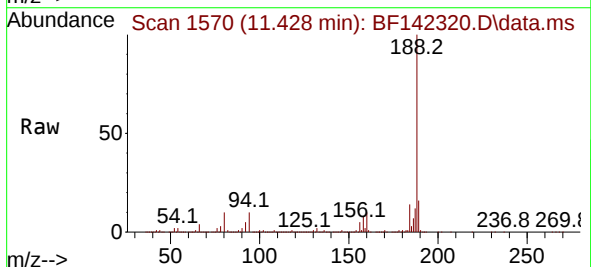
Tgt Ion: 188 Resp: 771845

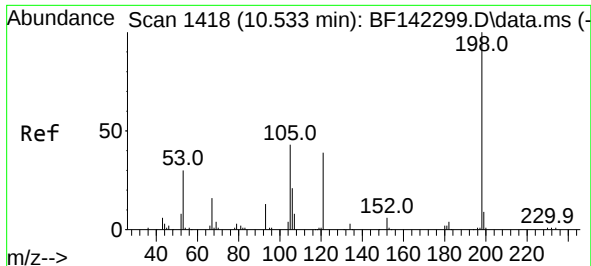
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.3 7.9 11.9

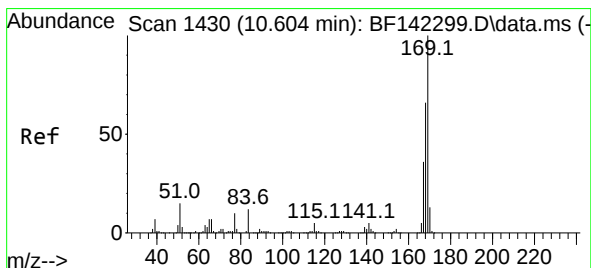
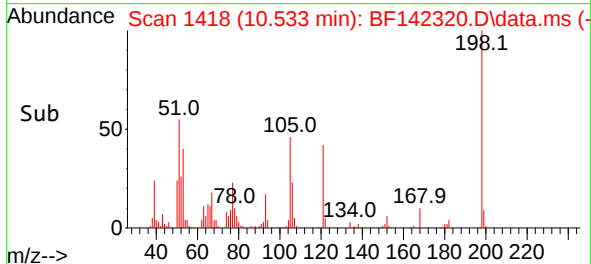
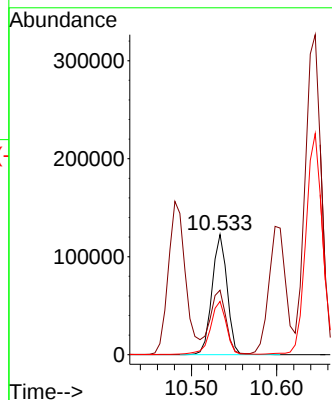
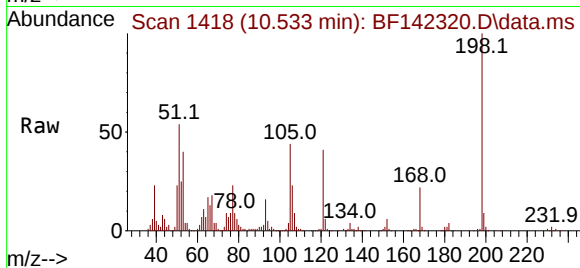




#65
4,6-Dinitro-2-methylphenol
Concen: 42.693 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

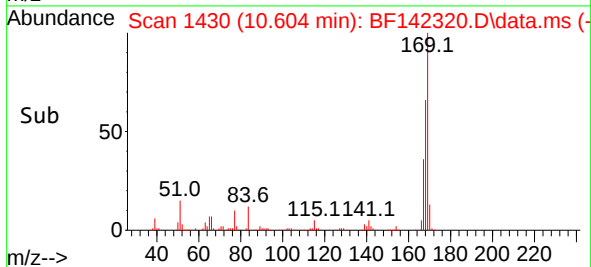
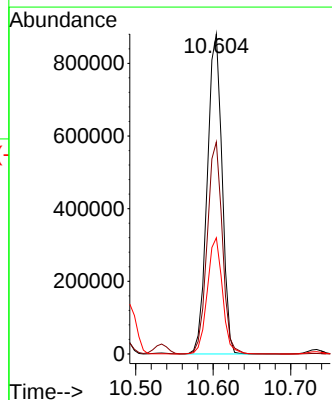
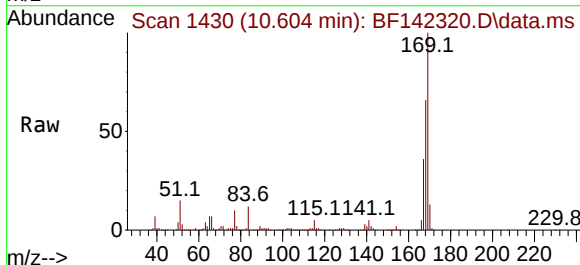
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

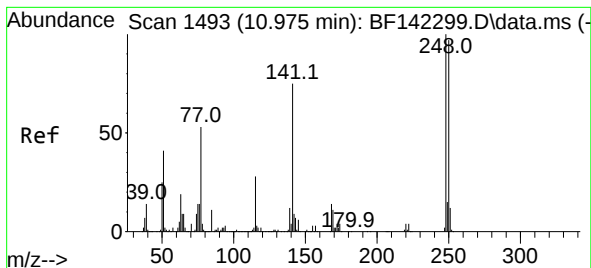
Tgt Ion:198 Resp: 150245
Ion Ratio Lower Upper
198 100
51 53.7 32.9 72.9
105 44.4 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 45.284 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:169 Resp: 1163085
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 28.9 43.3

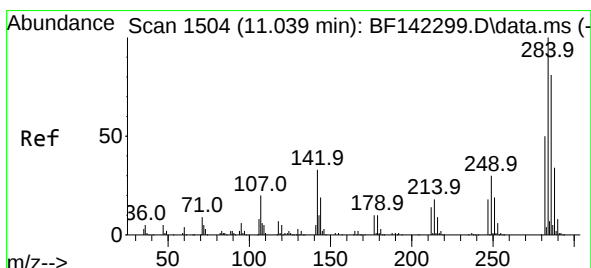
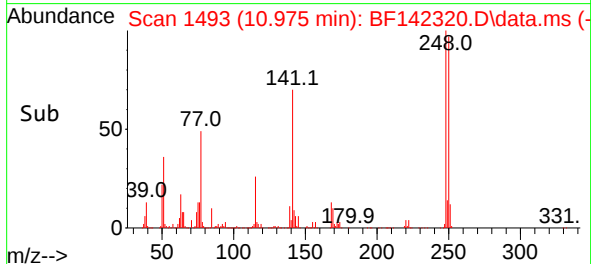
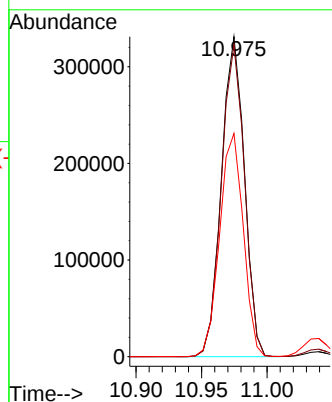
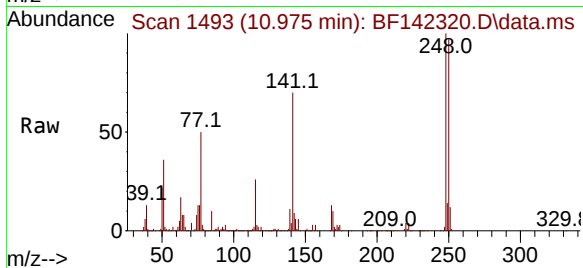




#67
4-Bromophenyl-phenylether
Concen: 46.304 ng
RT: 10.975 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

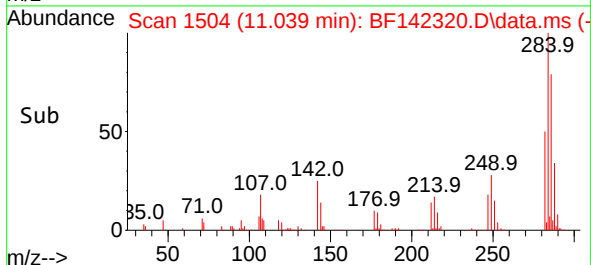
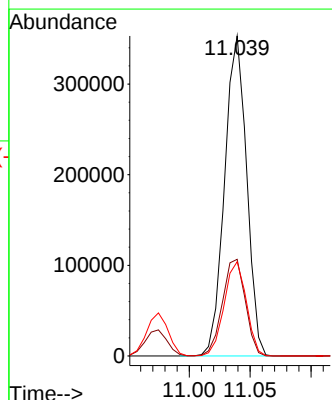
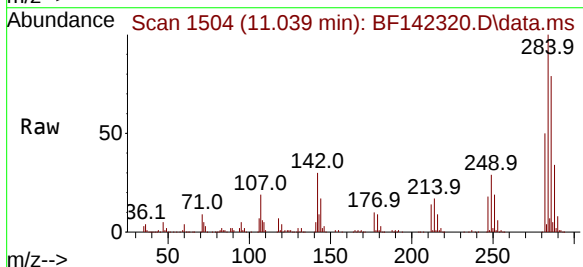
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

Tgt Ion:248 Resp: 405047
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 69.8 59.8 89.8



#68
Hexachlorobenzene
Concen: 46.160 ng
RT: 11.039 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:284 Resp: 444160
Ion Ratio Lower Upper
284 100
142 30.2 26.6 39.8
249 29.4 24.1 36.1





#69

Atrazine

Concen: 49.334 ng

RT: 11.128 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

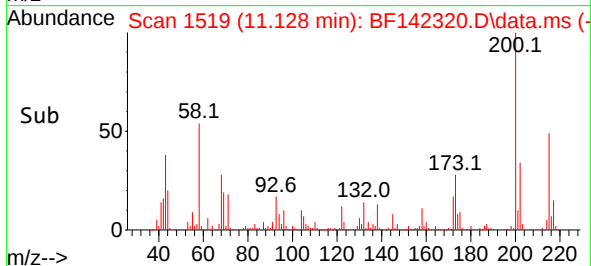
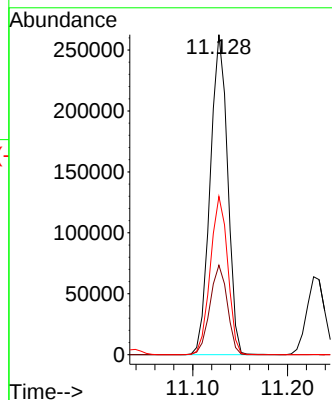
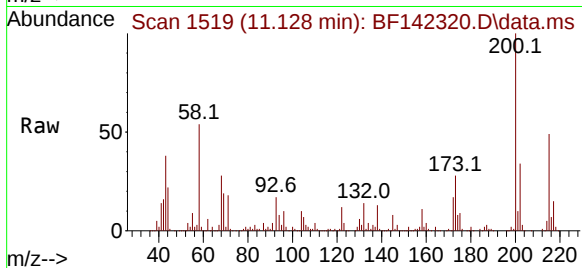
Tgt Ion:200 Resp: 334012

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

215 49.5 28.8 68.8



#70

Pentachlorophenol

Concen: 98.086 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

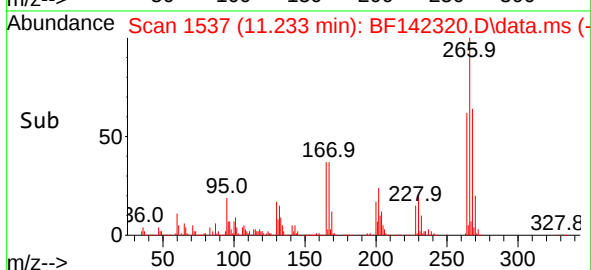
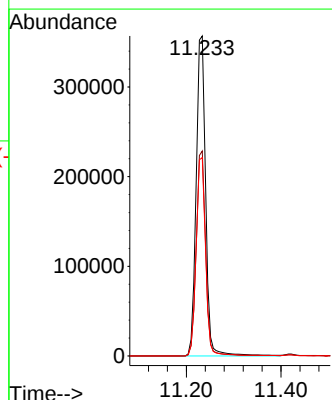
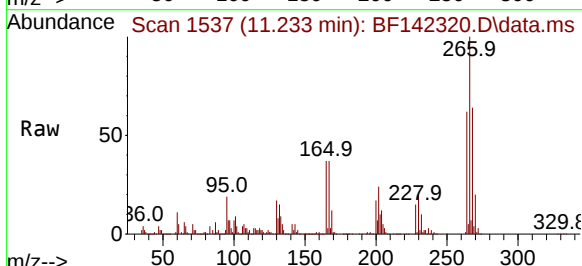
Tgt Ion:266 Resp: 496503

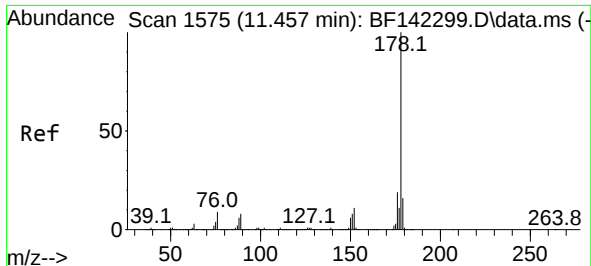
Ion Ratio Lower Upper

266 100

268 64.0 48.7 73.1

264 62.0 49.8 74.6

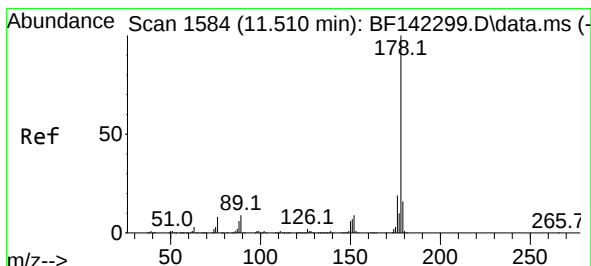
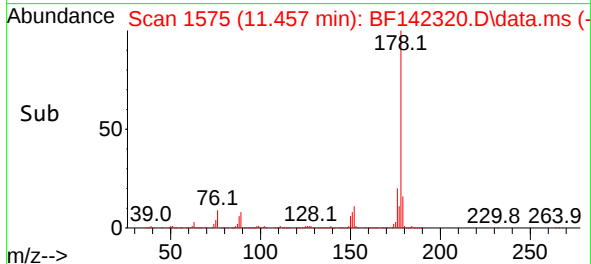
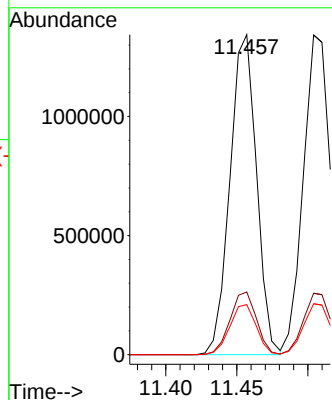
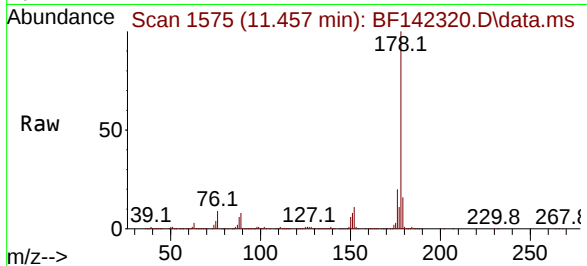




#71
Phenanthrene
Concen: 43.313 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

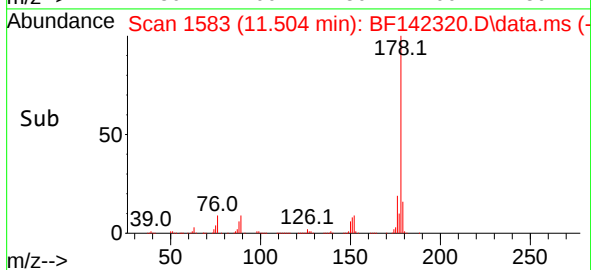
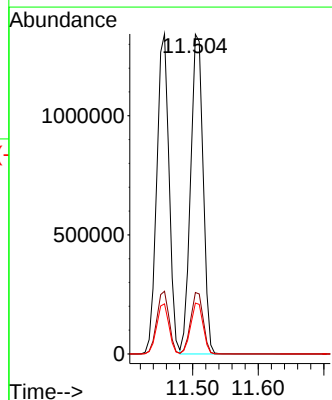
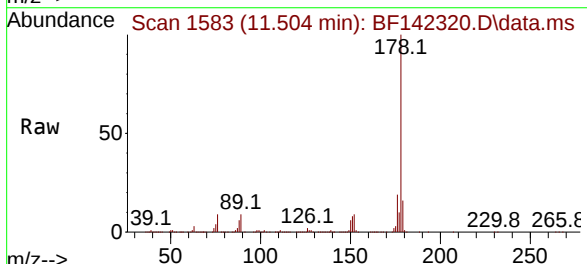
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

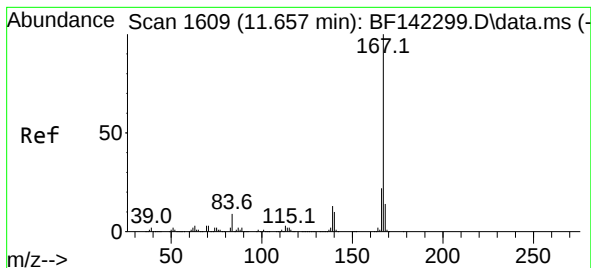
Tgt Ion:178 Resp: 1752383
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.6 18.8



#72
Anthracene
Concen: 42.773 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:178 Resp: 1778110
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.6 18.8





#73

Carbazole

Concen: 42.021 ng

RT: 11.657 min Scan# 1609

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

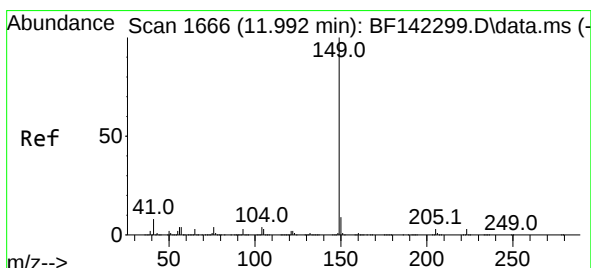
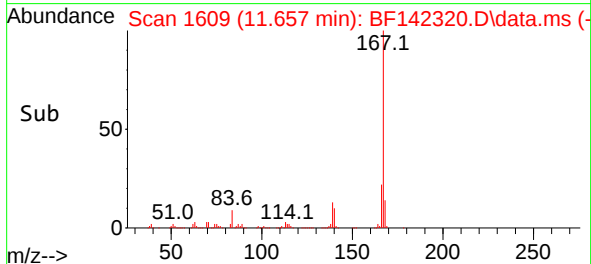
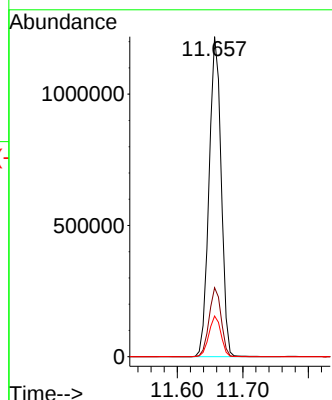
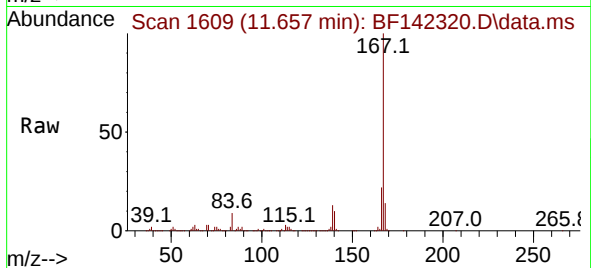
BNA_F

ClientSampleId :

MH-LLMS

Tgt Ion:167 Resp: 1567216

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.7	10.3	15.5



#74

Di-n-butylphthalate

Concen: 49.531 ng

RT: 11.992 min Scan# 1666

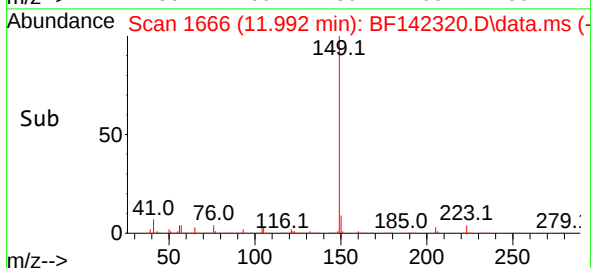
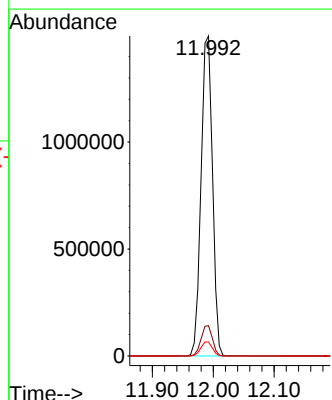
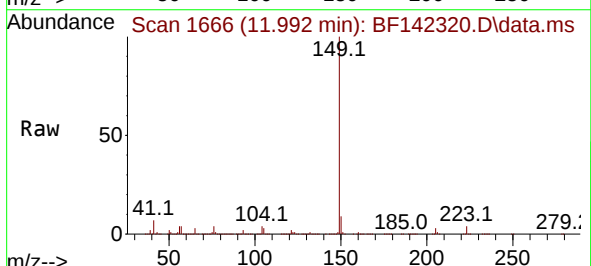
Delta R.T. 0.000 min

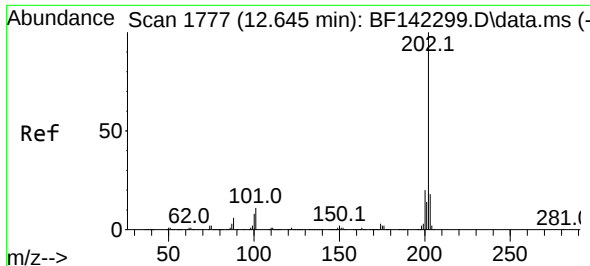
Lab File: BF142320.D

Acq: 12 May 2025 15:13

Tgt Ion:149 Resp: 1942503

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.4	3.6	5.4

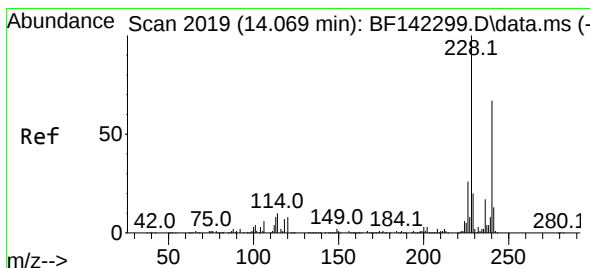
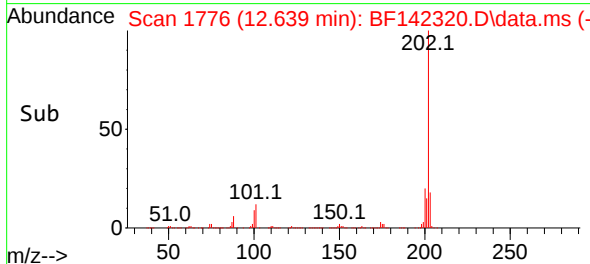
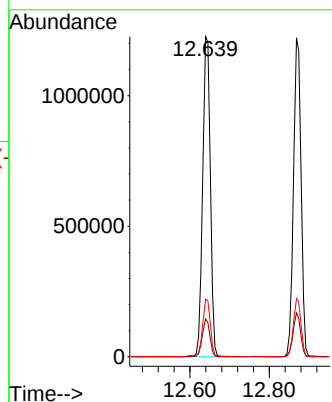
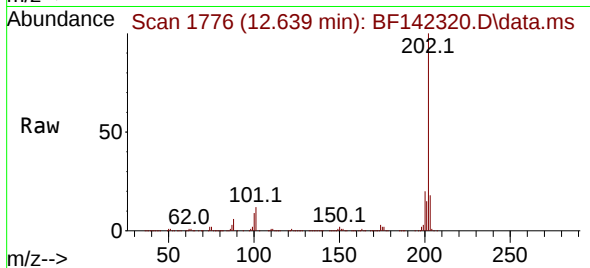




#75
Fluoranthene
Concen: 40.692 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

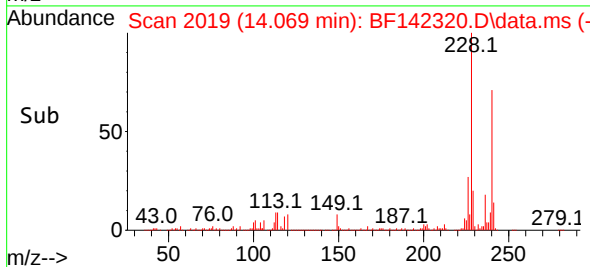
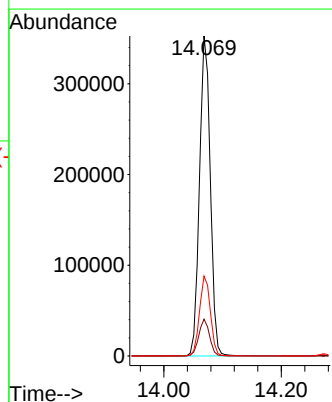
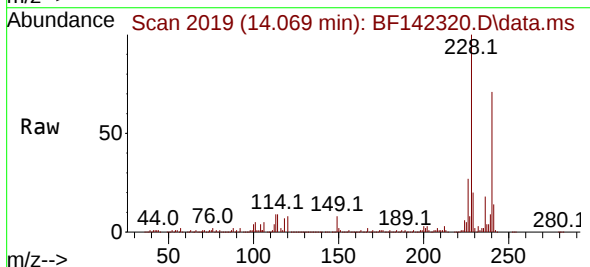
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

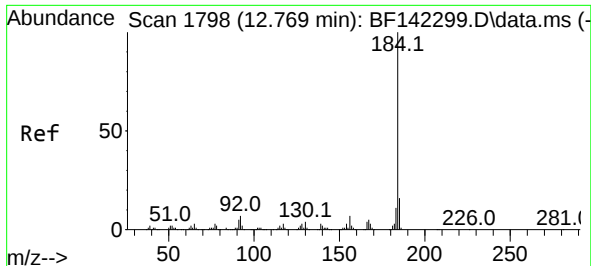
Tgt Ion:202 Resp: 1645689
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 18.0 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:240 Resp: 448953
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.0 20.0 30.0

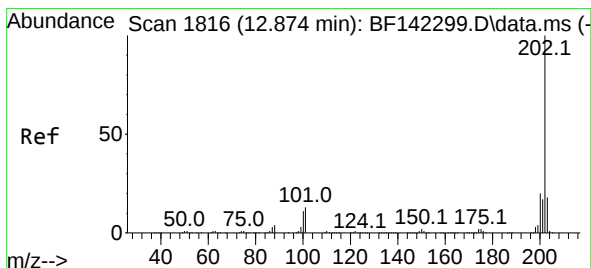
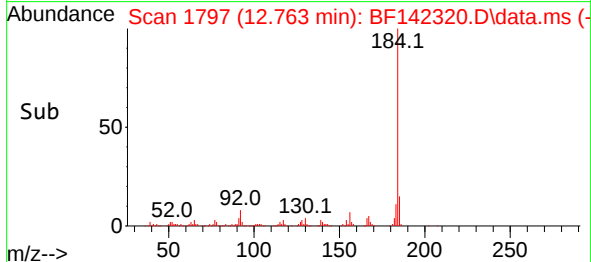
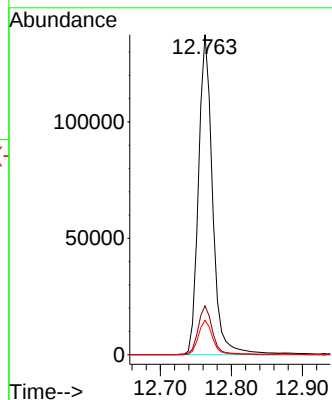
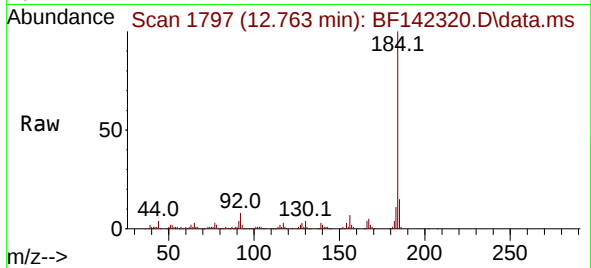




#77
Benzidine
Concen: 23.316 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

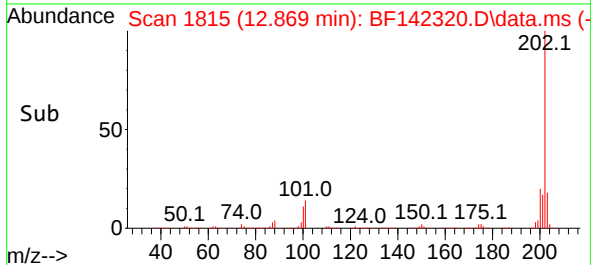
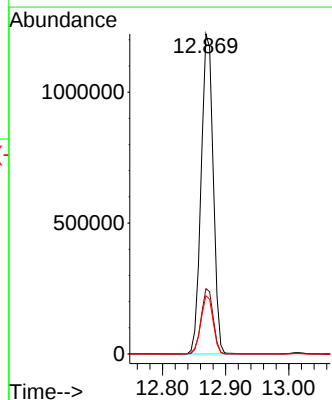
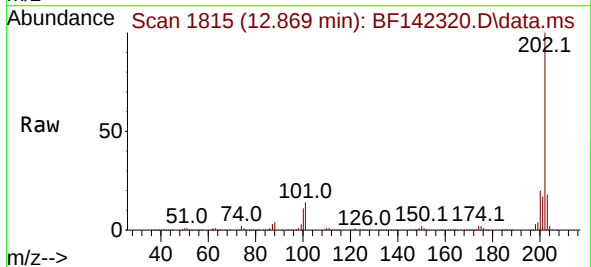
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

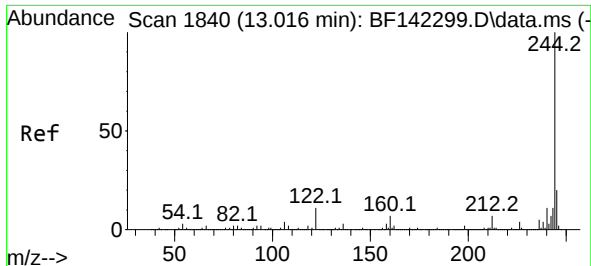
Tgt Ion:184 Resp: 190233
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 10.8 8.6 12.8



#78
Pyrene
Concen: 40.542 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:202 Resp: 1620109
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.2 14.3 21.5

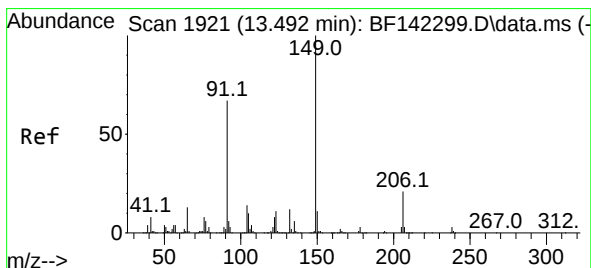
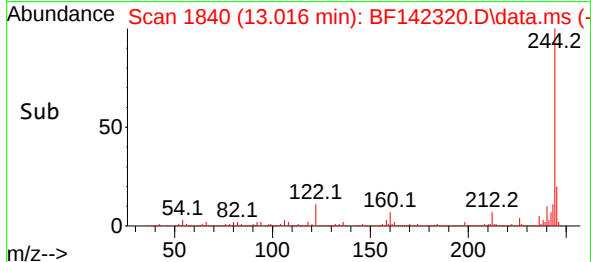
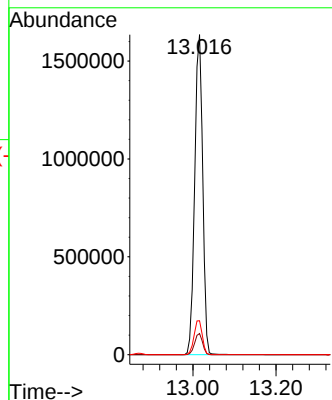
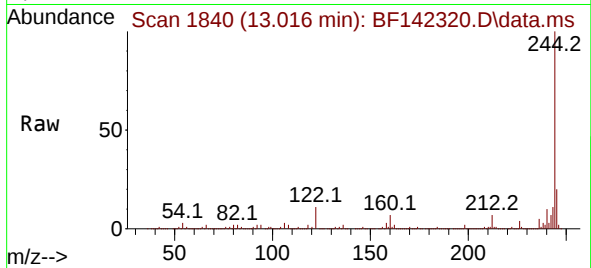




#79
 Terphenyl-d14
 Concen: 71.723 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

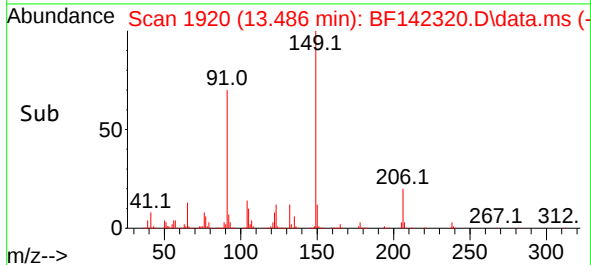
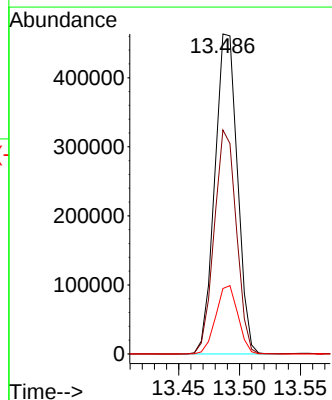
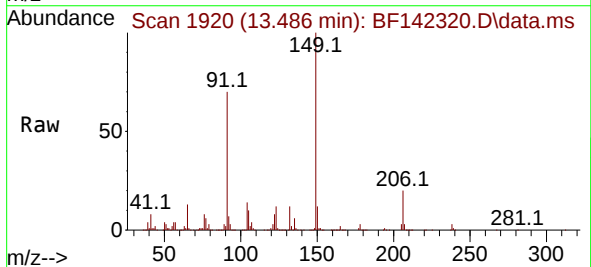
Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMS

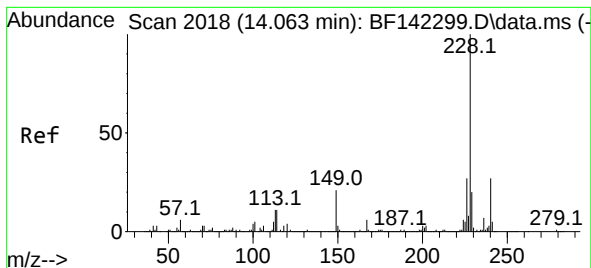
Tgt Ion:244 Resp: 2175549
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.6 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 51.183 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

Tgt Ion:149 Resp: 599962
 Ion Ratio Lower Upper
 149 100
 91 70.0 53.8 80.6
 206 20.4 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.490 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

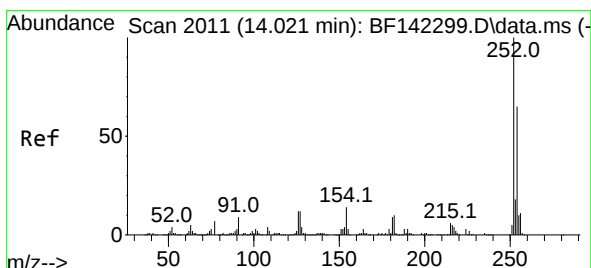
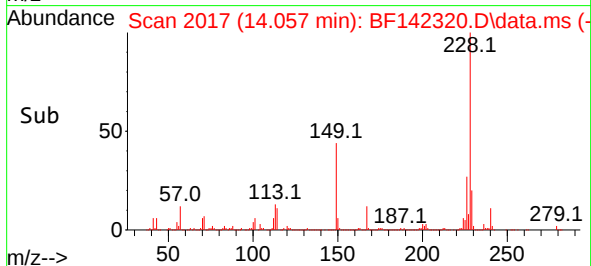
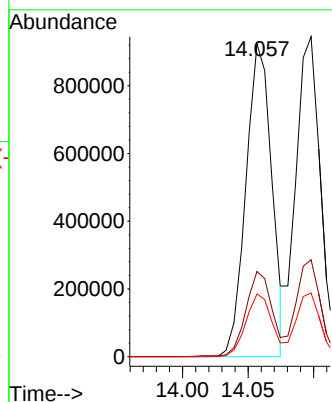
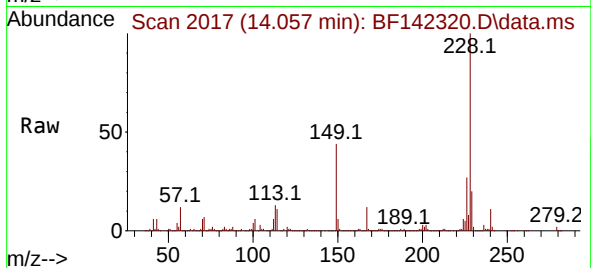
Tgt Ion:228 Resp: 1264448

Ion Ratio Lower Upper

228 100

226 27.3 21.5 32.3

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 31.727 ng

RT: 14.022 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

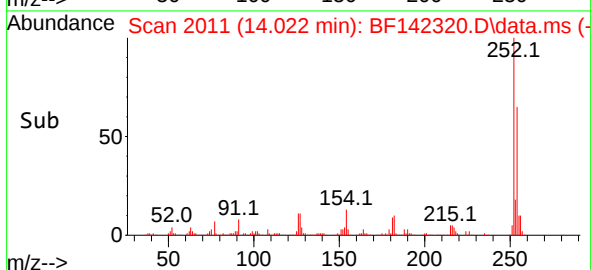
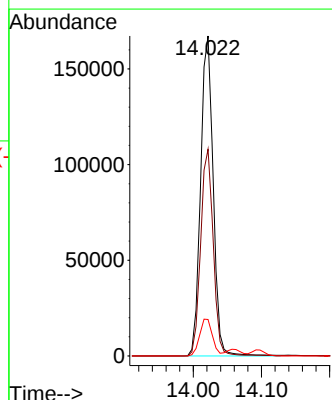
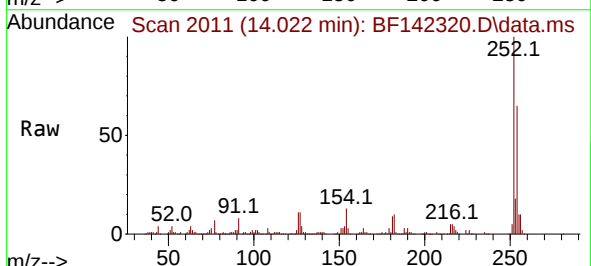
Tgt Ion:252 Resp: 214514

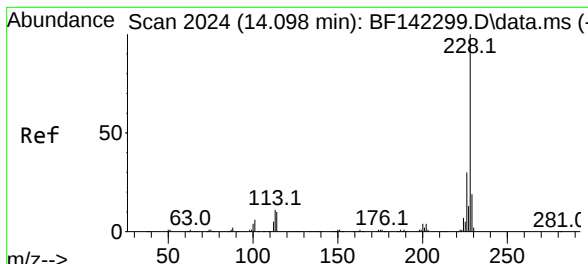
Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

126 11.4 9.7 14.5



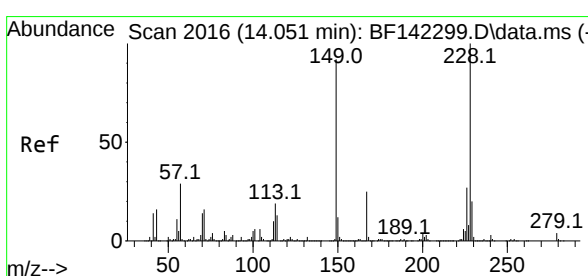
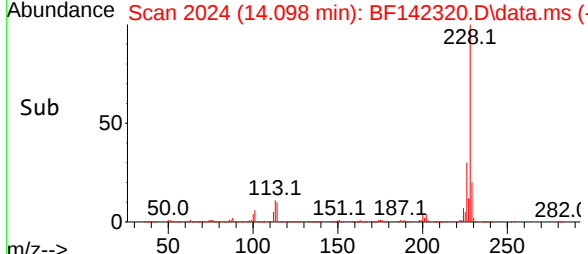
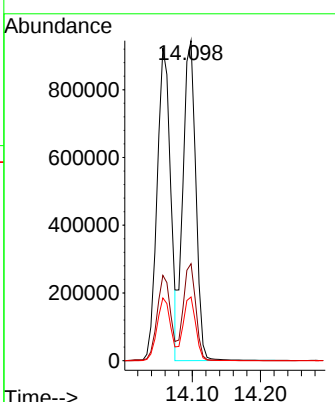
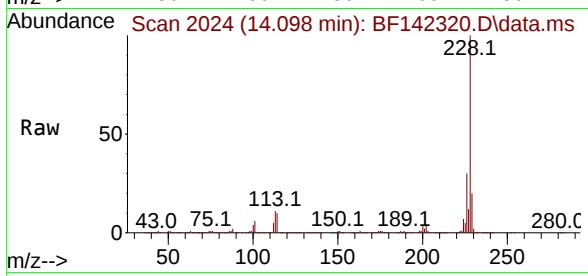


#83
 Chrysene
 Concen: 45.243 ng
 RT: 14.098 min Scan# 2024
 Delta R.T. 0.000 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

Instrument :
 BNA_F
 ClientSampleId :
 MH-LLMS

Tgt Ion:228 Resp: 1224561

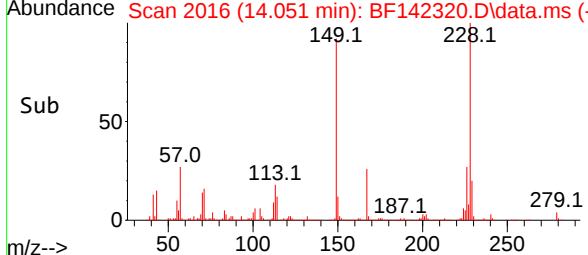
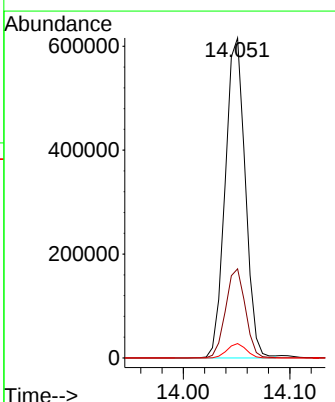
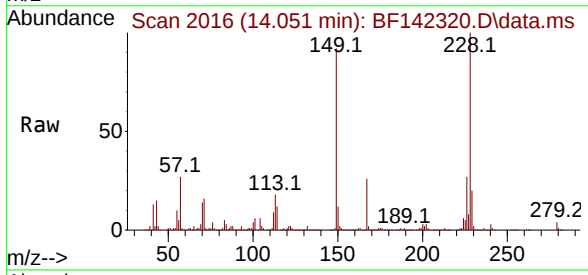
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.9	15.4	23.2

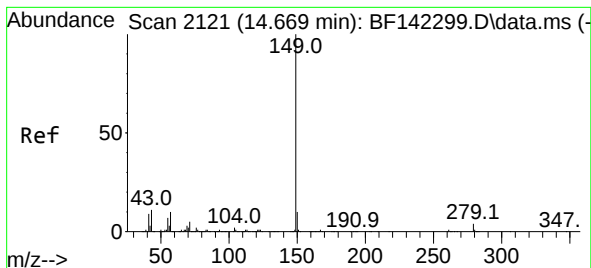


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.615 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: BF142320.D
 Acq: 12 May 2025 15:13

Tgt Ion:149 Resp: 805853

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.0	33.0
279	4.5	3.0	4.6

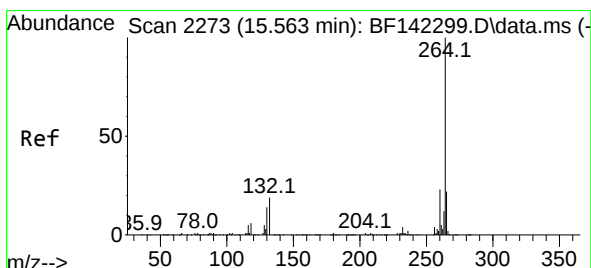
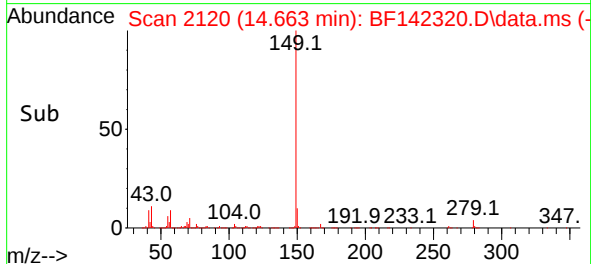
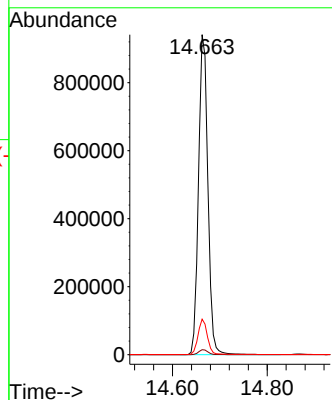
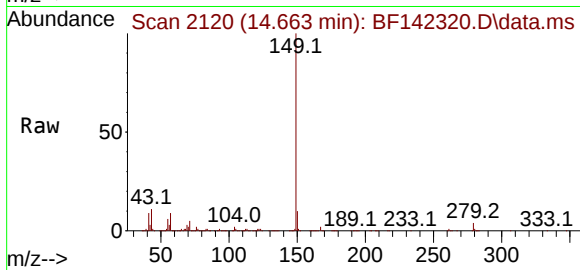




#85
Di-n-octyl phthalate
Concen: 47.181 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

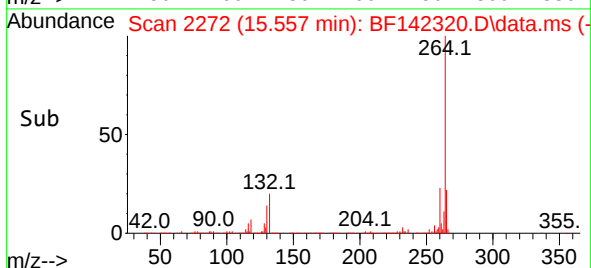
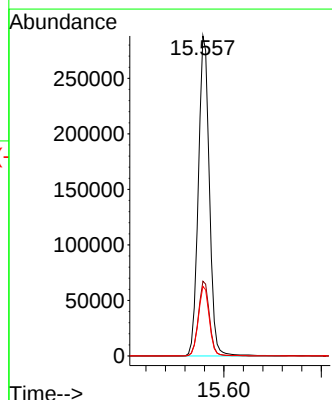
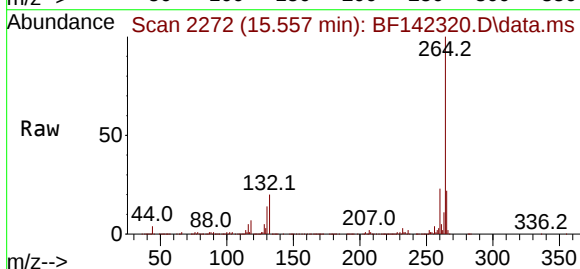
Instrument :
BNA_F
ClientSampleId :
MH-LLMS

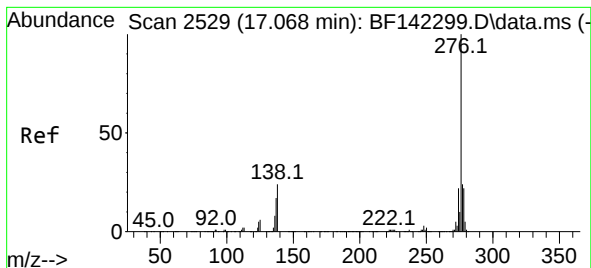
Tgt Ion:149 Resp: 1287515
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 11.1 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:264 Resp: 455067
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.368 ng

RT: 17.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

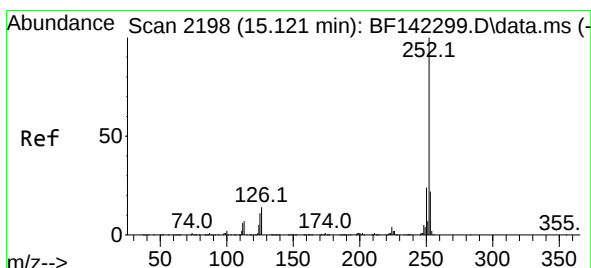
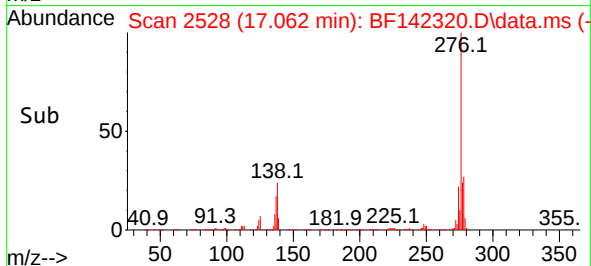
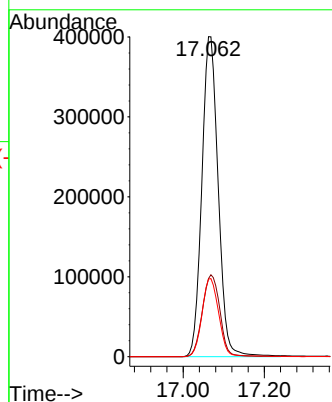
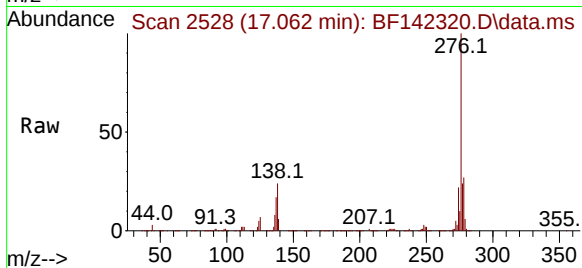
Tgt Ion:276 Resp: 1119618

Ion Ratio Lower Upper

276 100

138 27.4 22.0 33.0

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.989 ng

RT: 15.121 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

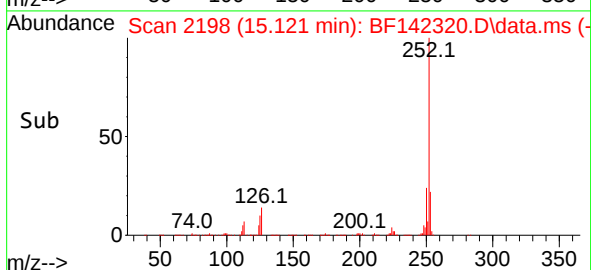
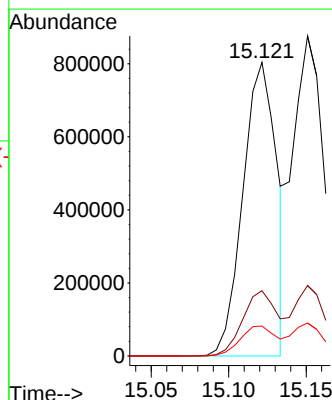
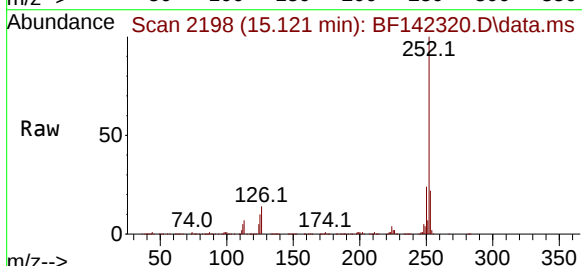
Tgt Ion:252 Resp: 1212403

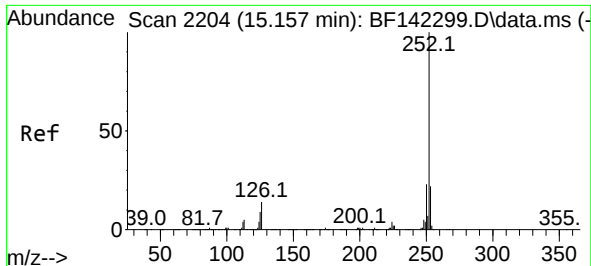
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.2 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 49.707 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

Instrument :

BNA_F

ClientSampleId :

MH-LLMS

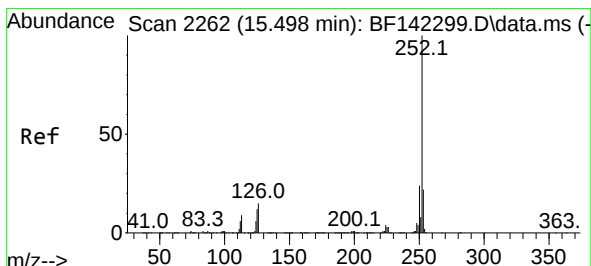
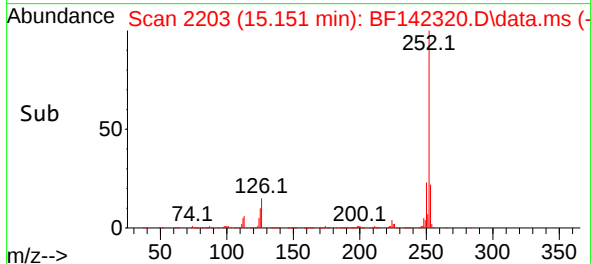
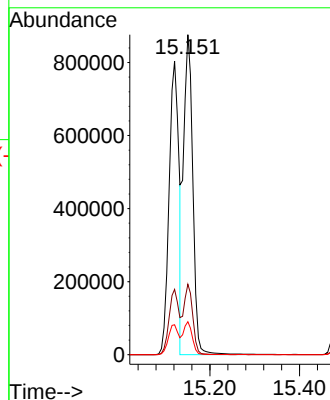
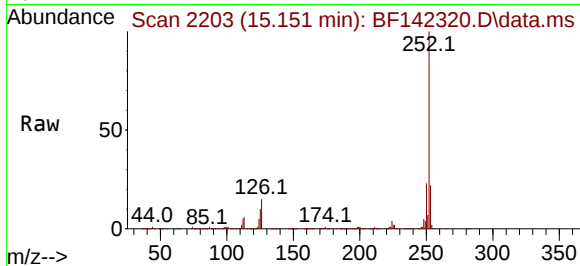
Tgt Ion:252 Resp: 1253734

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.3 8.1 12.1



#90

Benzo(a)pyrene

Concen: 47.178 ng

RT: 15.498 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BF142320.D

Acq: 12 May 2025 15:13

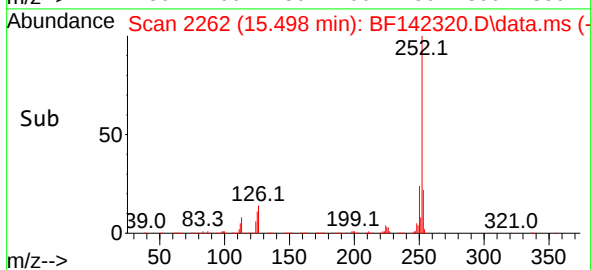
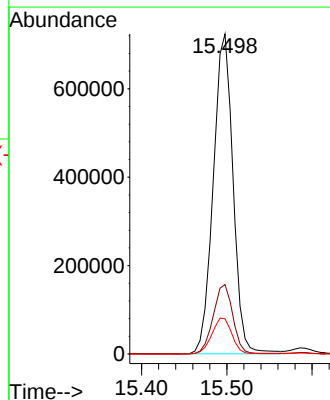
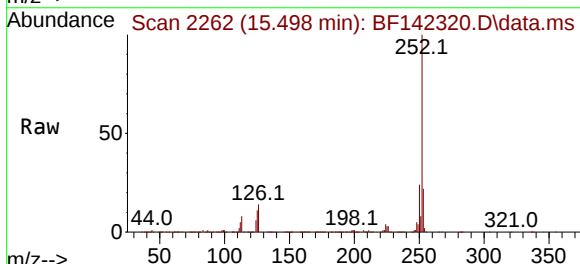
Tgt Ion:252 Resp: 1165200

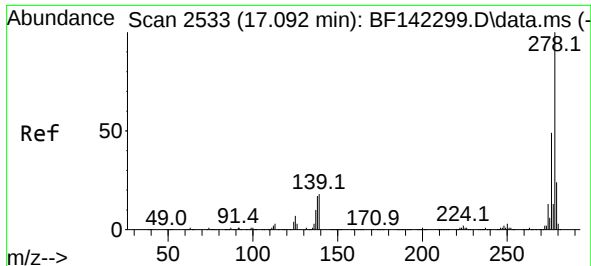
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

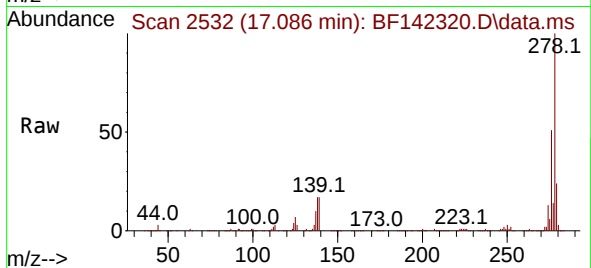
125 11.0 9.4 14.0





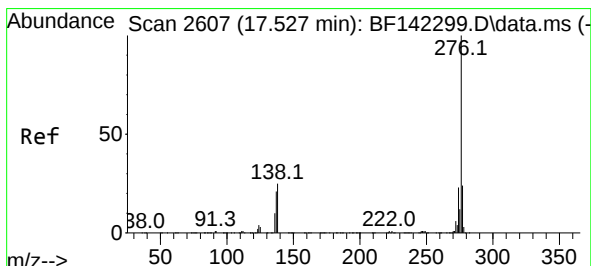
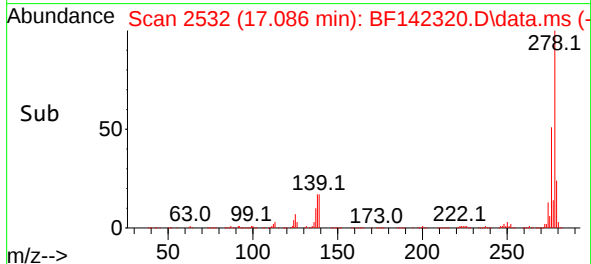
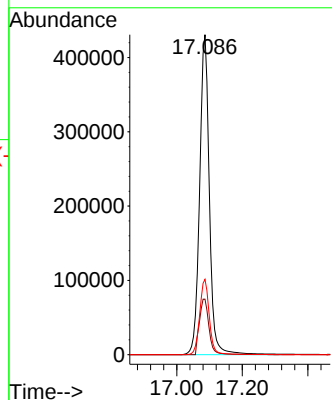
#91
Dibenzo(a,h)anthracene
Concen: 34.065 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Instrument :
BNA_F
ClientSampleId :
MH-LLMS



Tgt Ion:278 Resp: 890890

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.5	21.7
279	23.5	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 33.827 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142320.D
Acq: 12 May 2025 15:13

Tgt Ion:276 Resp: 878039

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	23.6	19.8	29.6

