

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142302.D
 Acq On : 05 May 2025 17:15
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: May 05 18:39:28 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 18:17:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	205452	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	801101	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	414811	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	679241	20.000	ng	0.00
76) Chrysene-d12	14.074	240	373928	20.000	ng	0.00
86) Perylene-d12	15.562	264	426614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1784288	148.254	ng	0.00
7) Phenol-d6	6.534	99	2195377	148.311	ng	0.01
23) Nitrobenzene-d5	7.481	82	2128583	162.047	ng	0.01
42) 2,4,6-Tribromophenol	10.739	330	652850	163.012	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	3617174	124.337	ng	0.00
79) Terphenyl-d14	13.021	244	3360156	133.004	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	419794	77.457	ng	100
3) Pyridine	3.457	79	1043726	82.025	ng	99
4) n-Nitrosodimethylamine	3.422	42	579736	78.391	ng	99
6) Aniline	6.575	93	1209360	83.294	ng	100
8) 2-Chlorophenol	6.692	128	1007022	78.300	ng	99
9) Benzaldehyde	6.457	77	435889	50.313	ng	99
10) Phenol	6.551	94	1223529	77.977	ng	96
11) bis(2-Chloroethyl)ether	6.645	93	1036576	66.991	ng	99
12) 1,3-Dichlorobenzene	6.851	146	1066308	72.470	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1063540	71.991	ng	99
14) 1,2-Dichlorobenzene	7.081	146	1030293	72.657	ng	99
15) Benzyl Alcohol	7.051	79	799114	83.370	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1679925	72.703	ng	99
17) 2-Methylphenol	7.157	107	803596	77.177	ng	98
18) Hexachloroethane	7.422	117	380705	77.452	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	688261	75.168	ng	97
20) 3+4-Methylphenols	7.316	107	921424	70.906	ng	# 89
22) Acetophenone	7.322	105	1245347	69.916	ng	# 94
24) Nitrobenzene	7.498	77	978534	79.029	ng	97
25) Isophorone	7.739	82	1916388	77.044	ng	100
26) 2-Nitrophenol	7.810	139	496348	80.172	ng	99
27) 2,4-Dimethylphenol	7.839	122	958602	76.651	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	1171369	73.236	ng	100
29) 2,4-Dichlorophenol	8.045	162	832329	78.283	ng	100
30) 1,2,4-Trichlorobenzene	8.133	180	868126	72.551	ng	99
31) Naphthalene	8.216	128	2675722	68.916	ng	99
32) Benzoic acid	7.975	122	595531	76.609	ng	99
33) 4-Chloroaniline	8.263	127	559381	35.308	ng	99
34) Hexachlorobutadiene	8.333	225	520499	73.460	ng	99
35) Caprolactam	8.651	113	213853	69.013	ng	97
36) 4-Chloro-3-methylphenol	8.739	107	840535	76.050	ng	100
37) 2-Methylnaphthalene	8.904	142	1669985	69.220	ng	98
38) 1-Methylnaphthalene	9.004	142	1714046	68.165	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	849773	73.349	ng	99
41) Hexachlorocyclopentadiene	9.057	237	612608	85.560	ng	100
43) 2,4,6-Trichlorophenol	9.180	196	605787	82.898	ng	99

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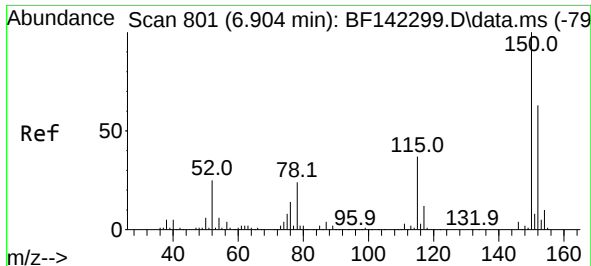
Quant Time: May 05 18:39:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	611514	78.648	ng	99
46) 1,1'-Biphenyl	9.369	154	2173202	68.328	ng	99
47) 2-Chloronaphthalene	9.398	162	1688751	71.397	ng	99
48) 2-Nitroaniline	9.486	65	547789	90.354	ng	98
49) Acenaphthylene	9.810	152	2763028	69.830	ng	98
50) Dimethylphthalate	9.675	163	1968431	73.901	ng	100
51) 2,6-Dinitrotoluene	9.733	165	437098	87.669	ng	93
52) Acenaphthene	9.986	154	1694020	71.203	ng	99
53) 3-Nitroaniline	9.904	138	510152	87.244	ng	96
54) 2,4-Dinitrophenol	10.004	184	210652	80.686	ng	# 3
55) Dibenzofuran	10.157	168	2410169	68.642	ng	98
56) 4-Nitrophenol	10.051	139	383978	87.250	ng	97
57) 2,4-Dinitrotoluene	10.133	165	566575	88.591	ng	99
58) Fluorene	10.498	166	1792549	66.896	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	520638	81.113	ng	98
60) Diethylphthalate	10.369	149	1909012	71.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	888242	68.707	ng	98
62) 4-Nitroaniline	10.516	138	323923	69.894	ng	99
63) Azobenzene	10.651	77	1821504	71.660	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	273917	80.746	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1658390	73.372	ng	100
67) 4-Bromophenyl-phenylether	10.980	248	590568	76.716	ng	98
68) Hexachlorobenzene	11.045	284	650802	76.857	ng	96
69) Atrazine	11.133	200	476112	79.910	ng	99
70) Pentachlorophenol	11.233	266	390517	87.666	ng	97
71) Phenanthrene	11.463	178	2460275	69.101	ng	98
72) Anthracene	11.516	178	2518162	68.834	ng	99
73) Carbazole	11.663	167	2274167	69.290	ng	99
74) Di-n-butylphthalate	11.992	149	2521480	73.060	ng	99
75) Fluoranthene	12.645	202	2345160	65.892	ng	99
77) Benzidine	12.774	184	504643	74.263	ng	99
78) Pyrene	12.874	202	2325631	69.874	ng	99
80) Butylbenzylphthalate	13.492	149	788213	78.621	ng	99
81) Benzo(a)anthracene	14.063	228	1782801	73.621	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	474263	84.217	ng	99
83) Chrysene	14.104	228	1687889	74.873	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1042846	79.404	ng	100
85) Di-n-octyl phthalate	14.668	149	1969676	80.100	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	2392344	80.614	ng	100
88) Benzo(b)fluoranthene	15.127	252	1972745	76.350	ng	99
89) Benzo(k)fluoranthene	15.162	252	1653244	69.919	ng	100
90) Benzo(a)pyrene	15.504	252	1797975	77.653	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	1926135	78.562	ng	99
92) Benzo(g,h,i)perylene	17.551	276	1951121	80.182	ng	99

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

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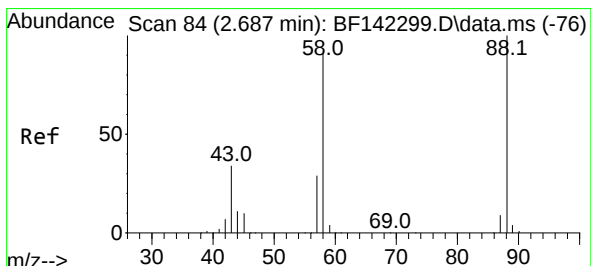
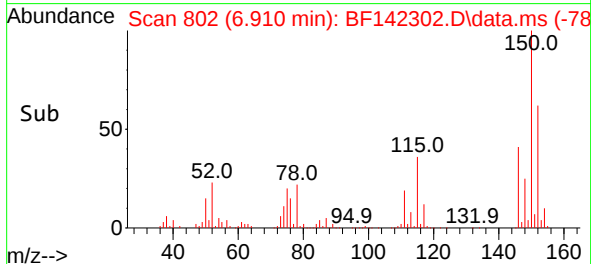
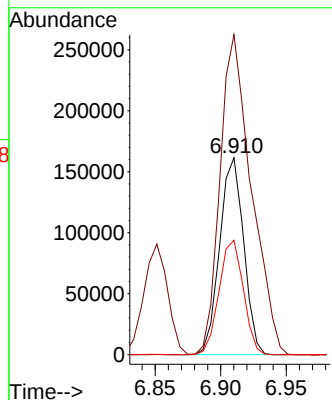
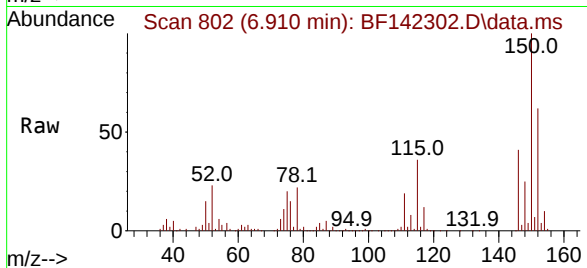




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF142302.D
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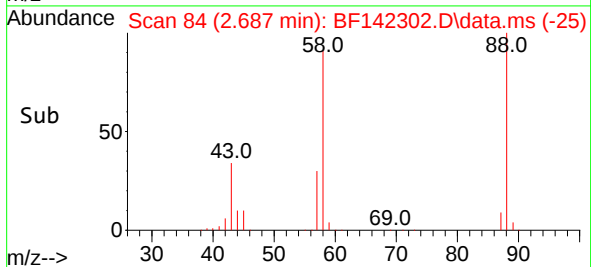
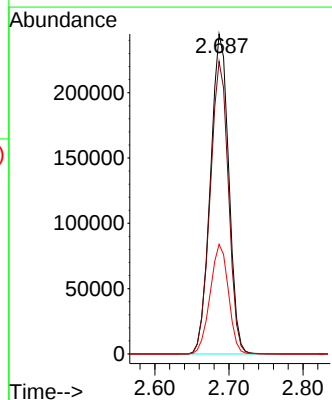
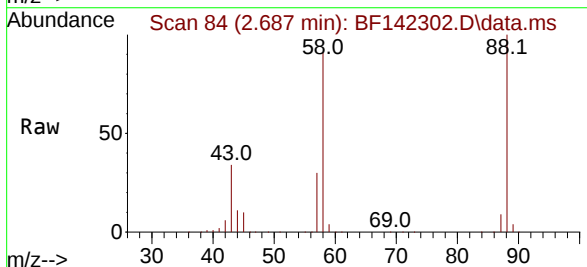
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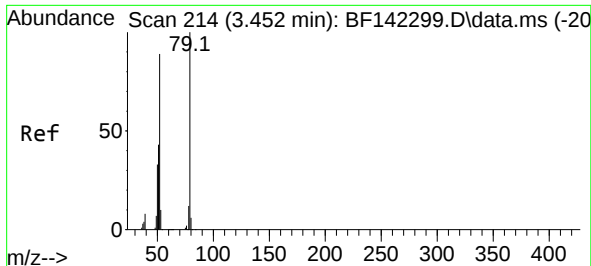
Tgt Ion:152 Resp: 205452
 Ion Ratio Lower Upper
 152 100
 150 162.5 126.6 190.0
 115 58.1 47.3 70.9



#2
 1,4-Dioxane
 Concen: 77.457 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF142302.D
 Acq: 05 May 2025 17:15

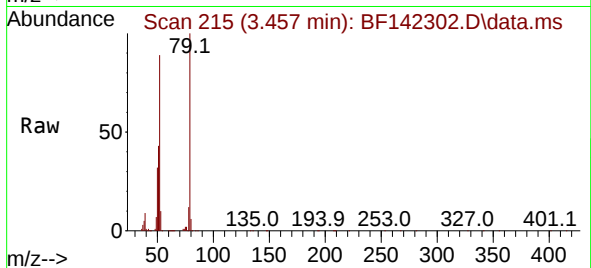
Tgt Ion: 88 Resp: 419794
 Ion Ratio Lower Upper
 88 100
 58 91.0 73.0 109.4
 43 34.2 27.8 41.6



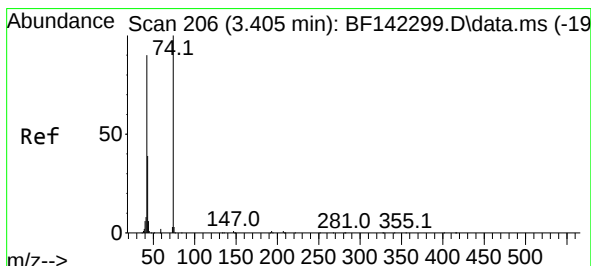
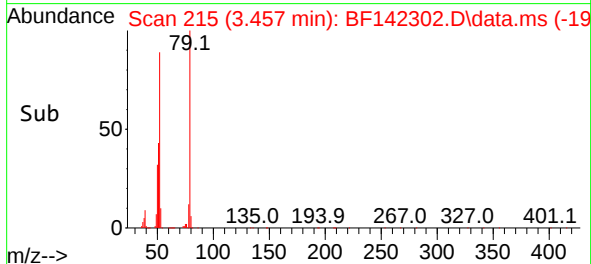
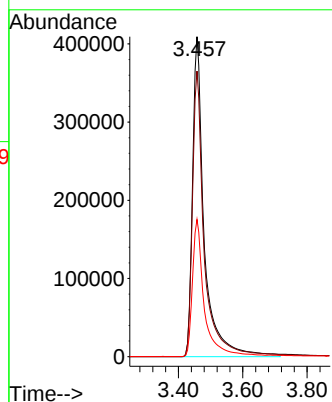


#3
Pyridine
Concen: 82.025 ng
RT: 3.457 min Scan# 214
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

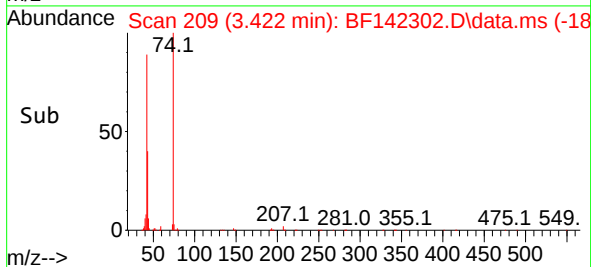
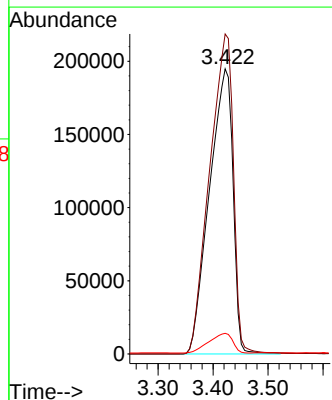
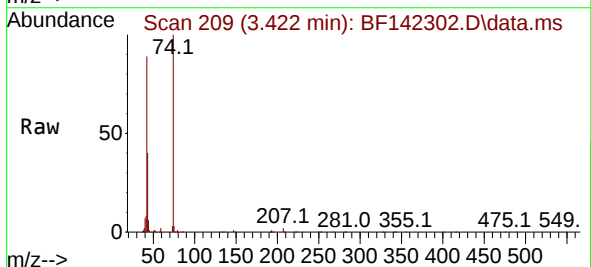


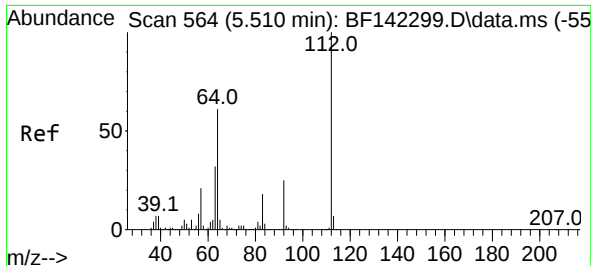
Tgt Ion: 79 Resp: 1043726
Ion Ratio Lower Upper
79 100
52 89.3 71.0 106.4
51 42.9 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 78.391 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 42 Resp: 579736
Ion Ratio Lower Upper
42 100
74 112.3 88.5 132.7
44 7.3 5.8 8.8

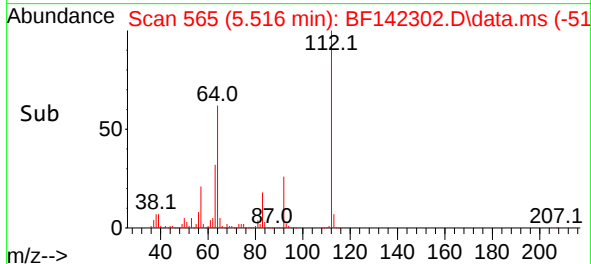
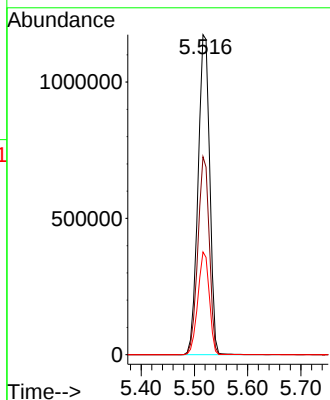
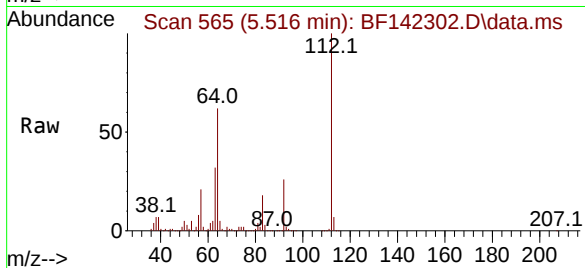




#5
2-Fluorophenol
Concen: 148.254 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

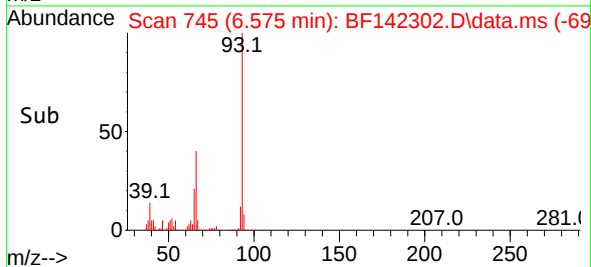
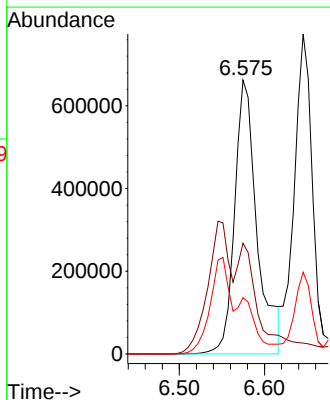
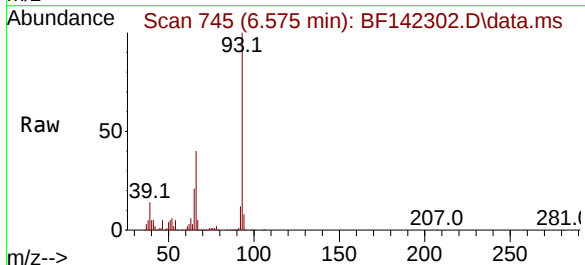
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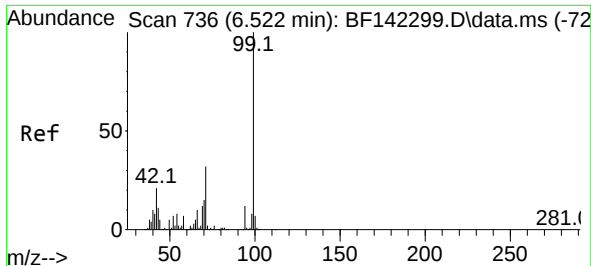
Tgt Ion:112 Resp: 1784288
Ion Ratio Lower Upper
112 100
64 61.8 48.9 73.3
63 32.1 25.6 38.4



#6
Aniline
Concen: 83.294 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 93 Resp: 1209360
Ion Ratio Lower Upper
93 100
66 40.4 32.2 48.4
65 20.6 16.3 24.5



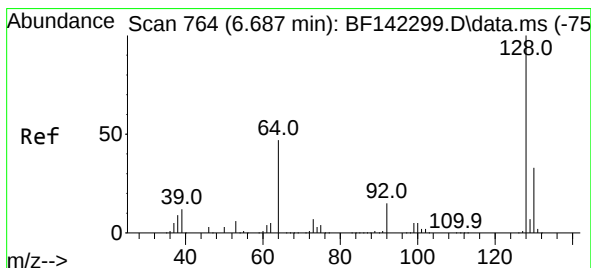
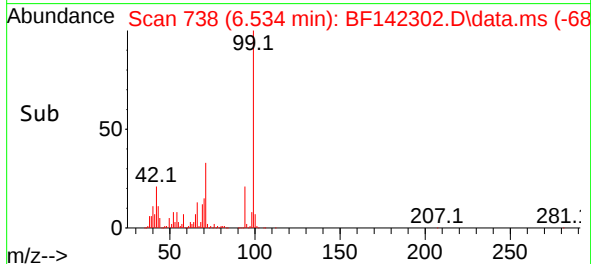
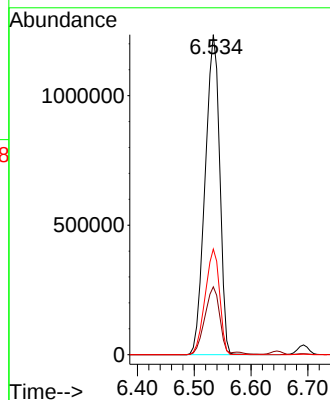
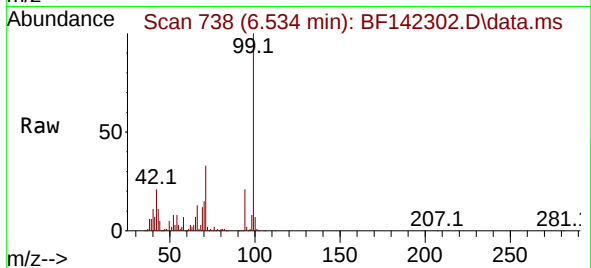


#7
Phenol-d6
Concen: 148.311 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 2195377

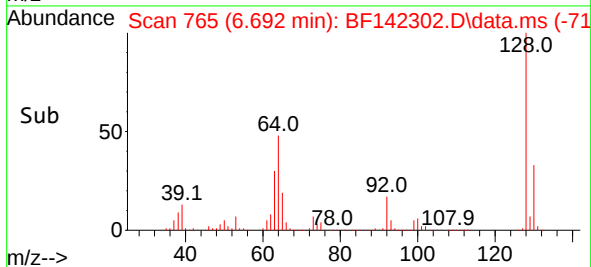
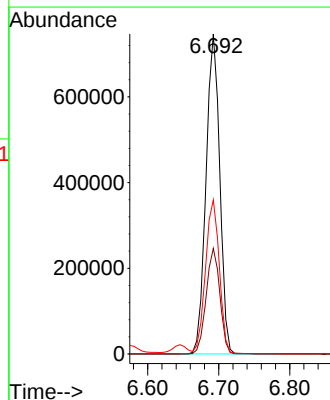
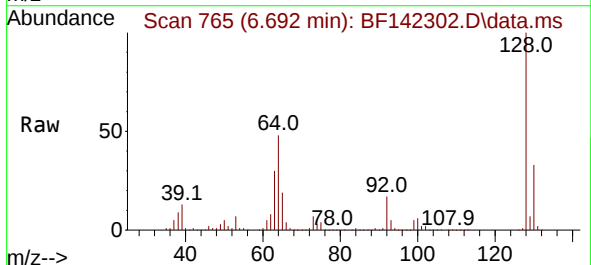
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.4
71	33.0	25.8	38.8

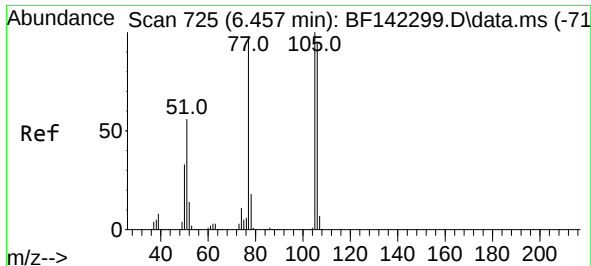


#8
2-Chlorophenol
Concen: 78.300 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:128 Resp: 1007022

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	48.1	29.2	69.2

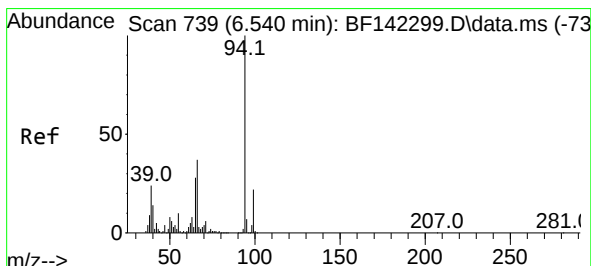
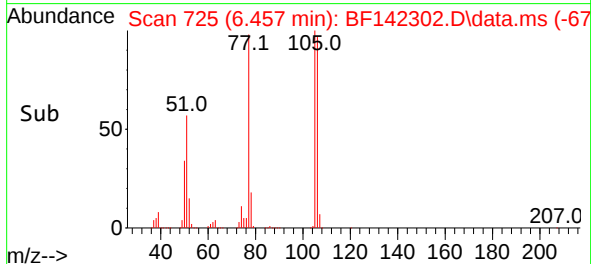
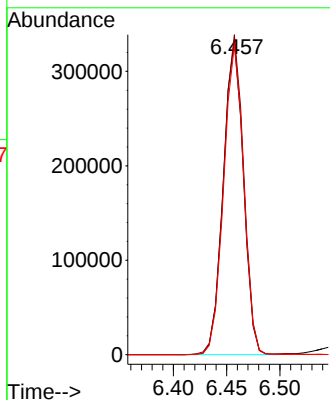
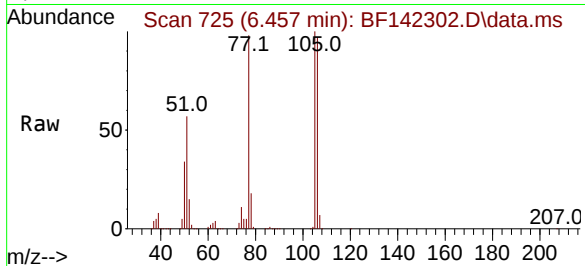




#9
Benzaldehyde
Concen: 50.313 ng
RT: 6.457 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

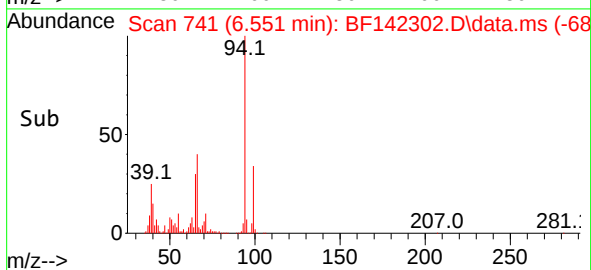
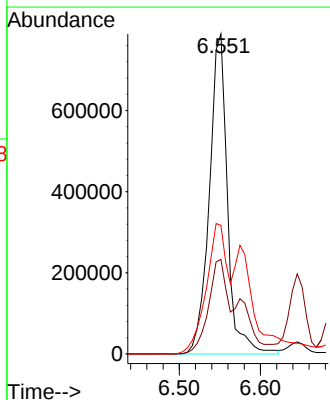
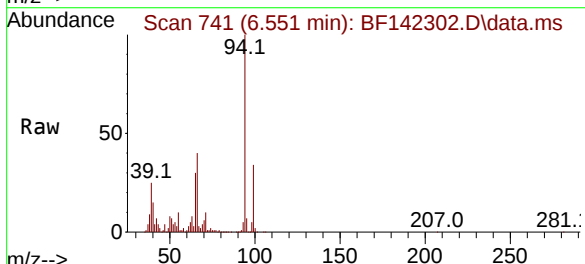
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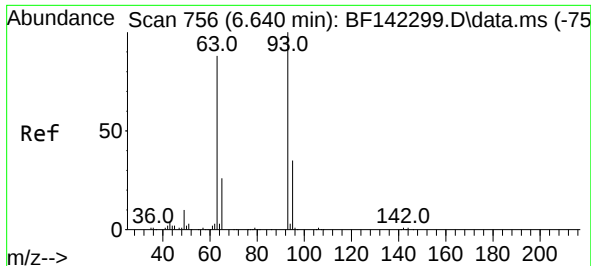
Tgt Ion: 77 Resp: 435889
Ion Ratio Lower Upper
77 100
105 101.9 82.0 122.0
106 98.4 77.2 117.2



#10
Phenol
Concen: 77.977 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 94 Resp: 1223529
Ion Ratio Lower Upper
94 100
65 29.6 8.5 48.5
66 40.2 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 66.991 ng

RT: 6.645 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

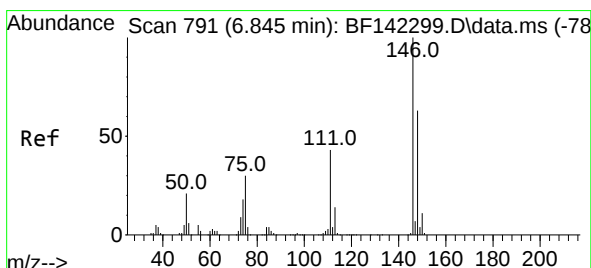
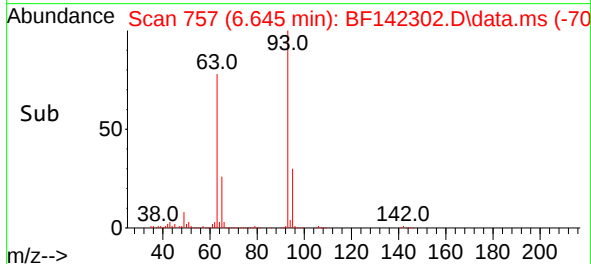
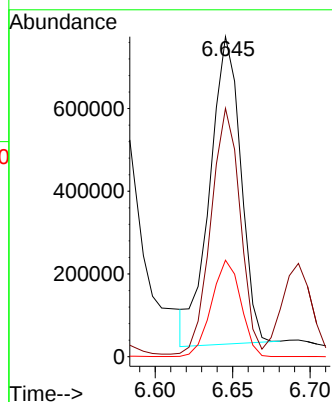
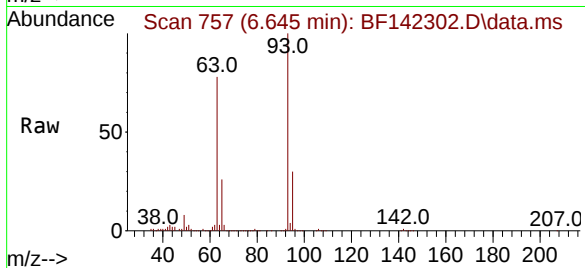
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 93 Resp: 1036576

Ion	Ratio	Lower	Upper
93	100		
63	77.6	58.4	98.4
95	30.1	10.6	50.6



#12

1,3-Dichlorobenzene

Concen: 72.470 ng

RT: 6.851 min Scan# 792

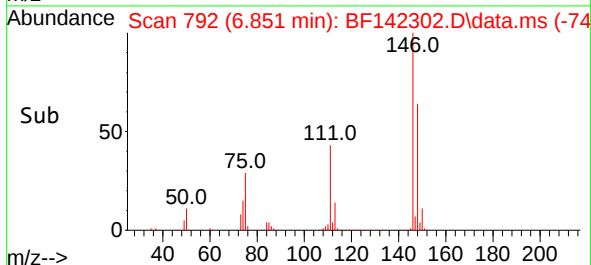
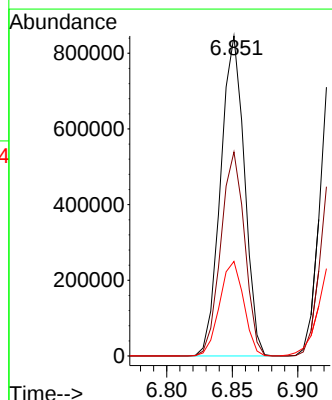
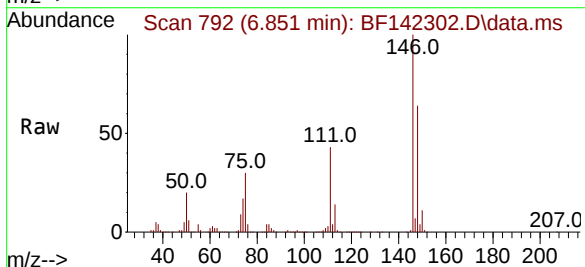
Delta R.T. 0.006 min

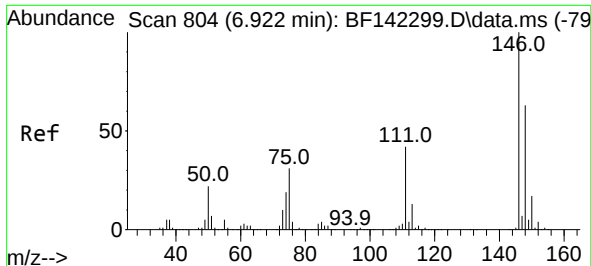
Lab File: BF142302.D

Acq: 05 May 2025 17:15

Tgt Ion:146 Resp: 1066308

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	76.0
75	29.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 71.991 ng

RT: 6.928 min Scan# 804

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

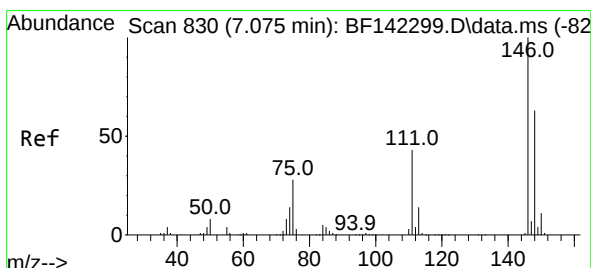
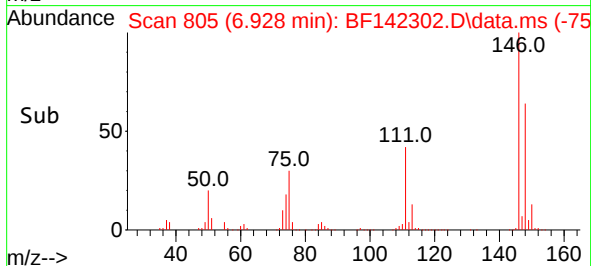
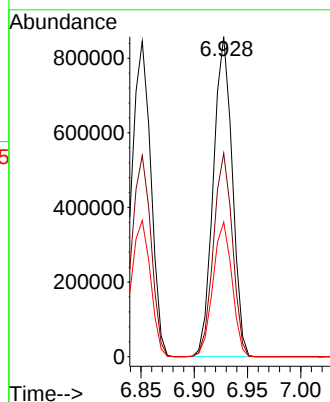
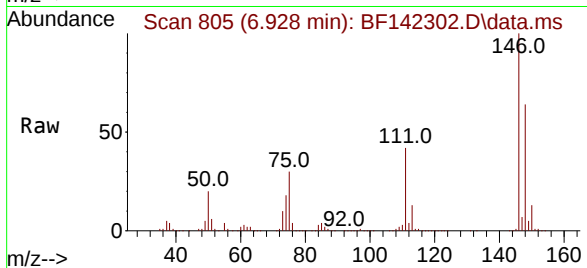
Tgt Ion:146 Resp: 1063540

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 42.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 72.657 ng

RT: 7.081 min Scan# 831

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

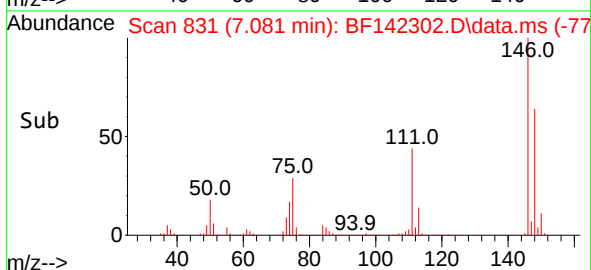
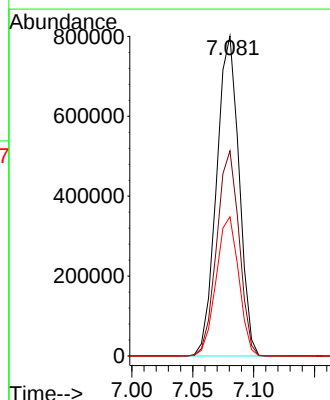
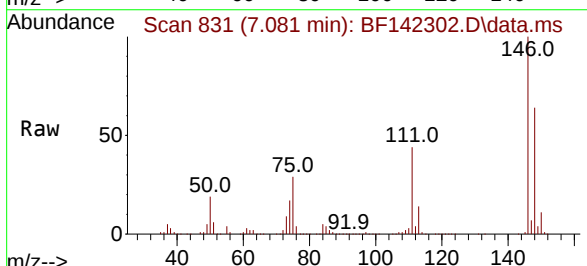
Tgt Ion:146 Resp: 1030293

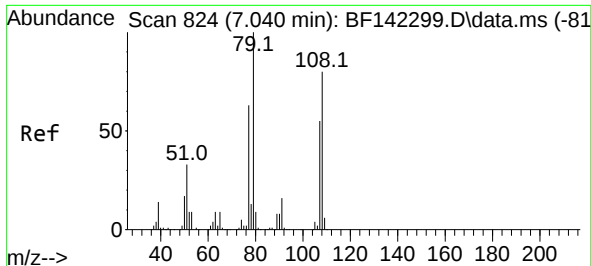
Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 43.5 34.5 51.7

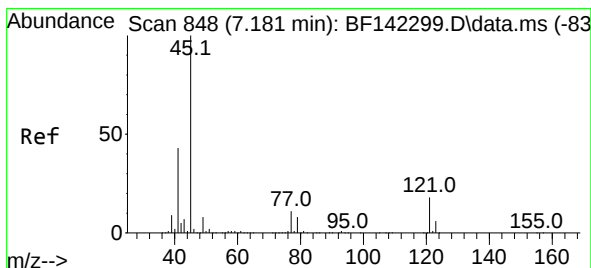
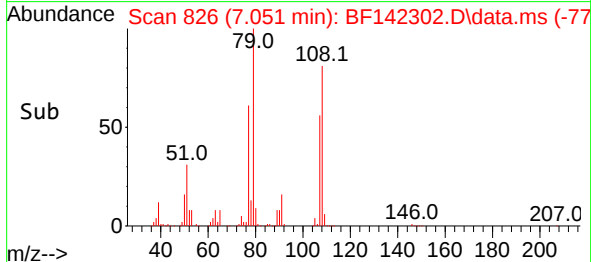
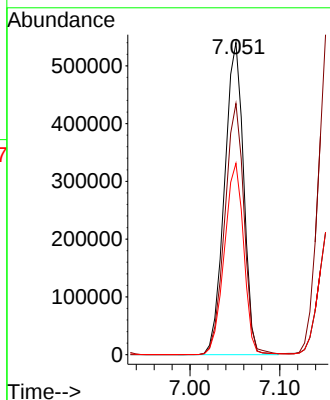
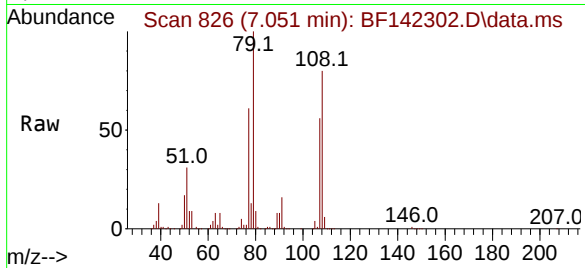




#15
Benzyl Alcohol
Concen: 83.370 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

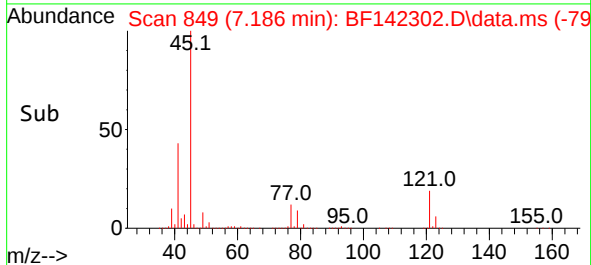
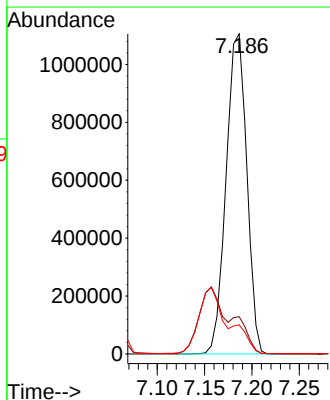
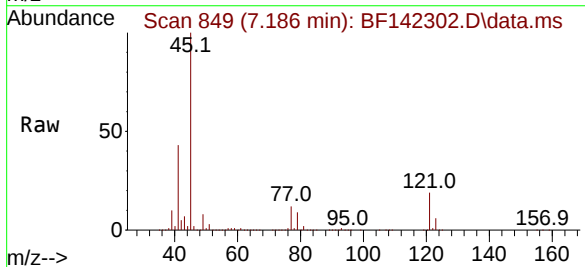
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

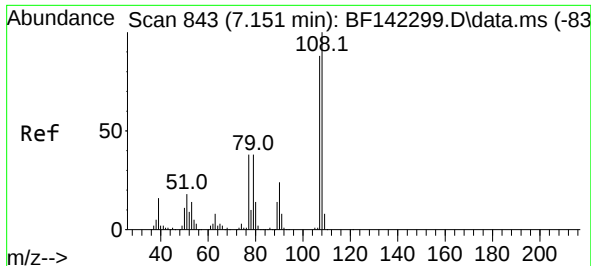
Tgt Ion: 79 Resp: 799114
Ion Ratio Lower Upper
79 100
108 80.5 63.9 95.9
77 61.3 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.703 ng
RT: 7.186 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 45 Resp: 1679925
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 9.1 0.0 28.5

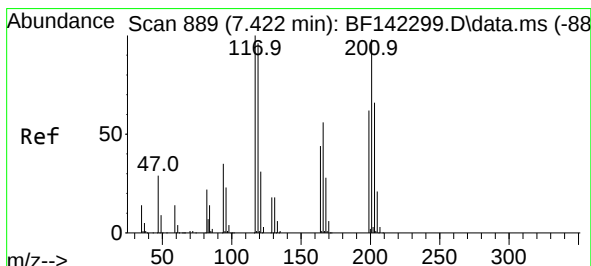
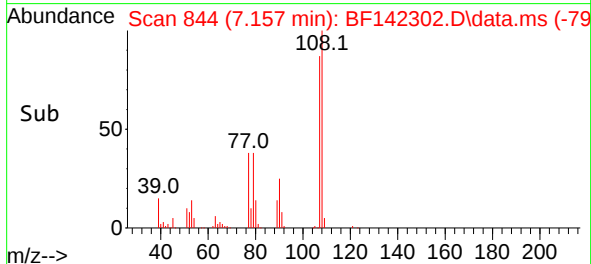
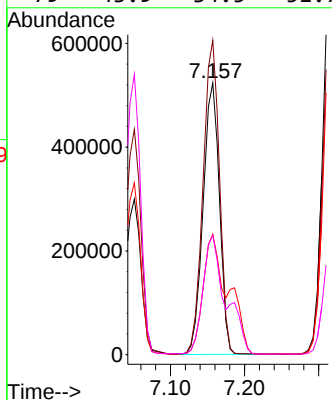
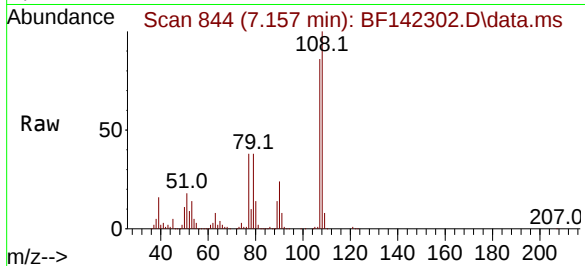




#17
2-Methylphenol
Concen: 77.177 ng
RT: 7.157 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

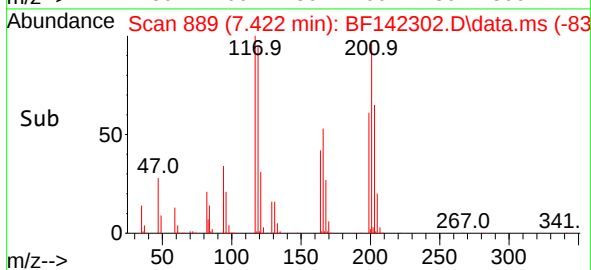
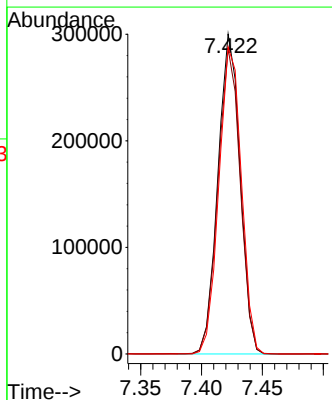
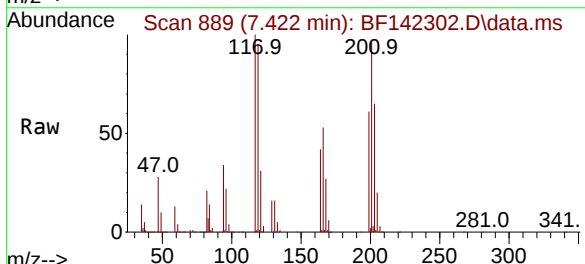
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

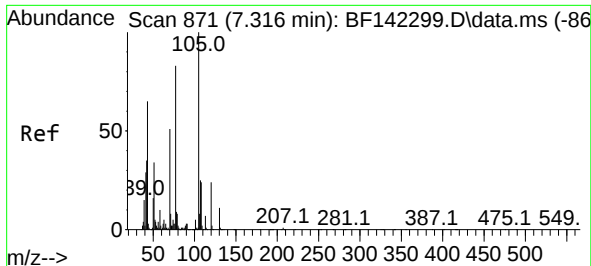
Tgt Ion:	107	Resp:	803596
Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.1	136.7
77	44.4	34.7	52.1
79	43.9	34.5	51.7



#18
Hexachloroethane
Concen: 77.452 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:	117	Resp:	380705
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
201	96.0	78.0	117.0

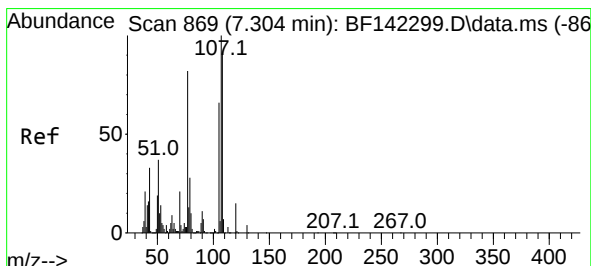
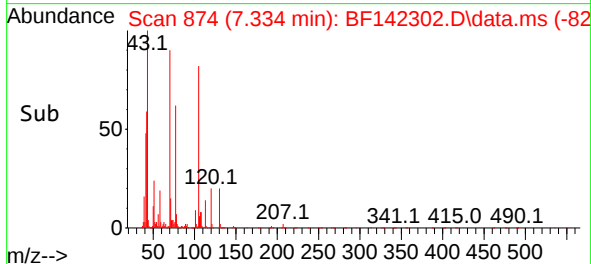
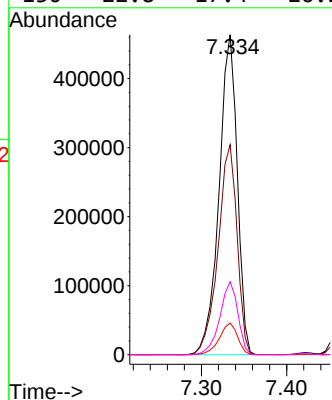
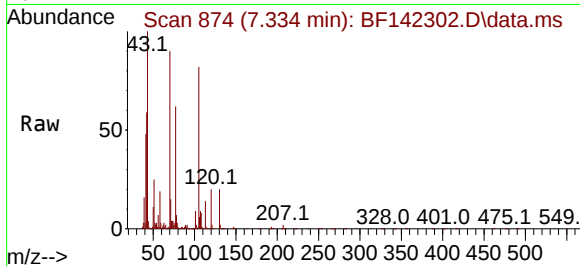




#19
n-Nitroso-di-n-propylamine
Concen: 75.168 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

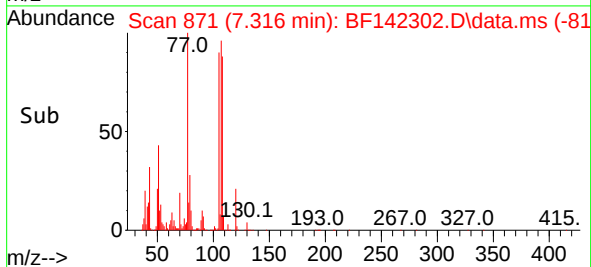
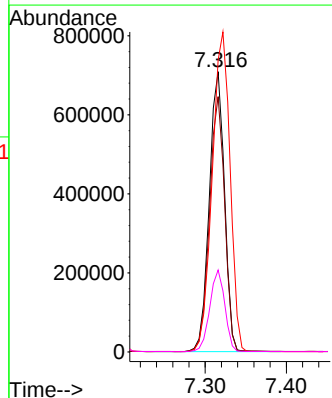
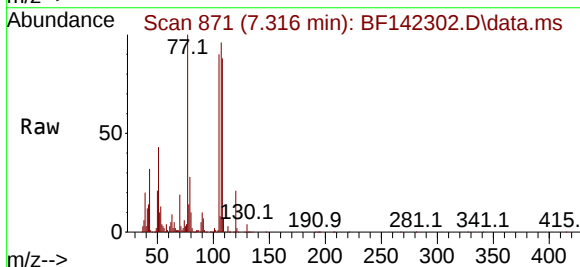
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

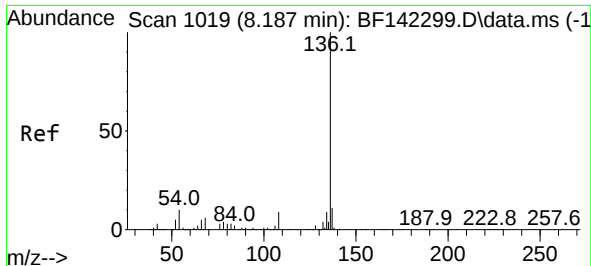
Tgt Ion: 70 Resp: 688261
Ion Ratio Lower Upper
70 100
42 65.6 54.8 82.2
101 9.9 7.7 11.5
130 22.8 17.4 26.2



#20
3+4-Methylphenols
Concen: 70.906 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion: 107 Resp: 921424
Ion Ratio Lower Upper
107 100
108 91.1 71.5 111.5
77 104.1 61.6 101.6#
79 29.2 8.3 48.3

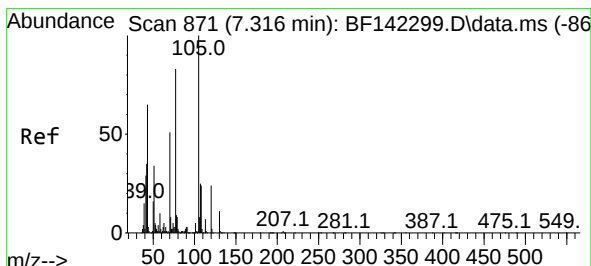
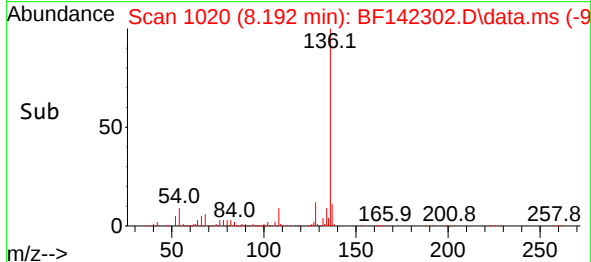
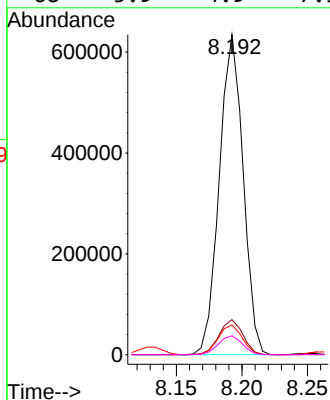
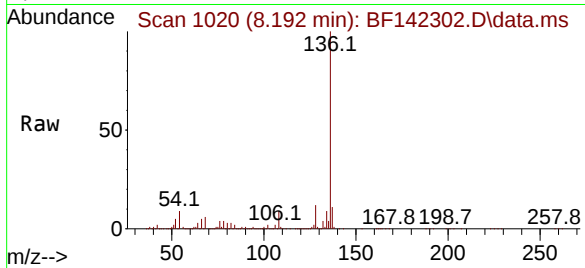




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

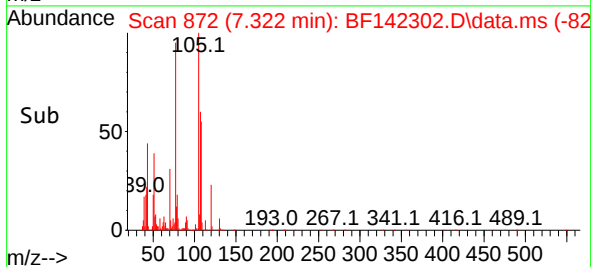
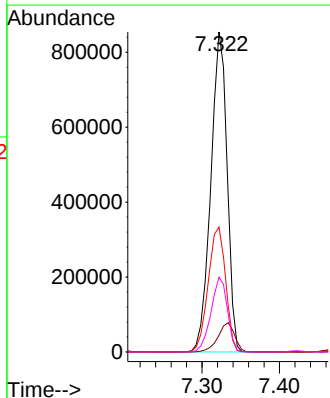
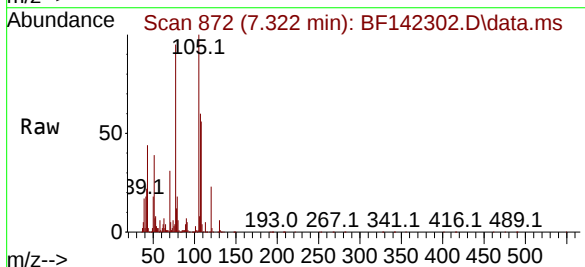
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

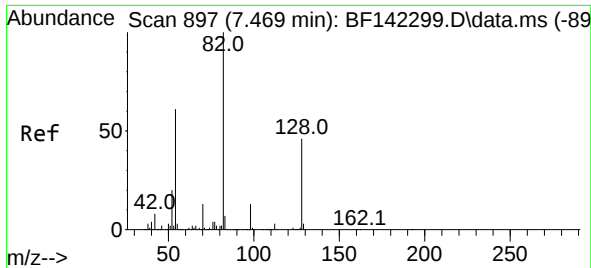
Tgt	Ion:136	Resp:	801101
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	7.7	11.5
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 69.916 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt	Ion:105	Resp:	1245347
Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.7	10.1#
51	39.0	27.6	41.4
120	23.3	19.1	28.7





#23

Nitrobenzene-d5

Concen: 162.047 ng

RT: 7.481 min Scan# 89

Delta R.T. 0.012 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

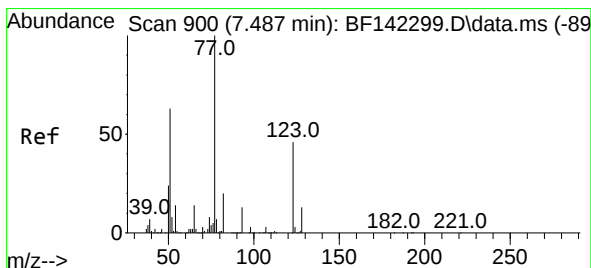
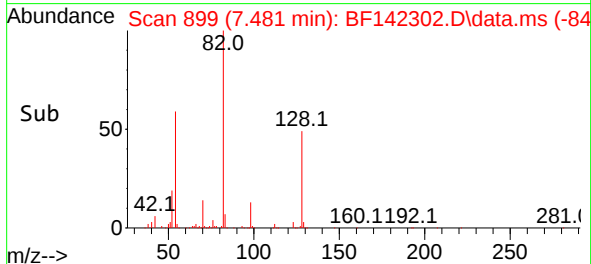
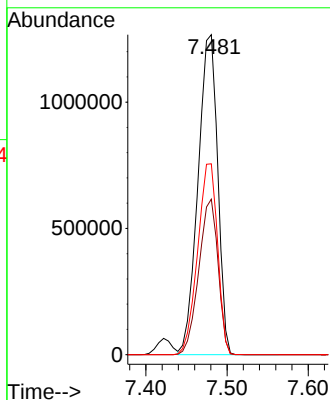
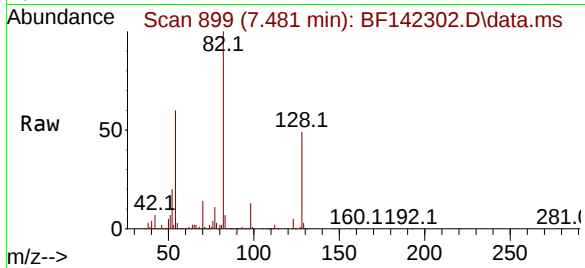
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2128583

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



#24

Nitrobenzene

Concen: 79.029 ng

RT: 7.498 min Scan# 902

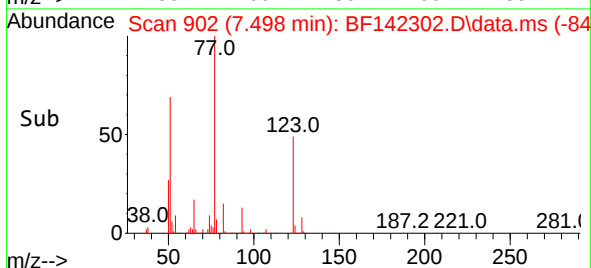
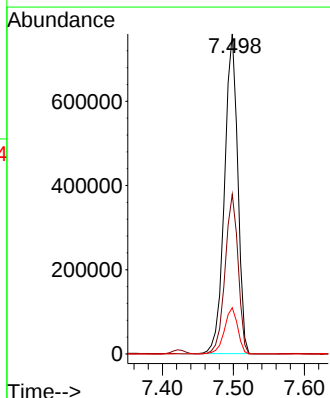
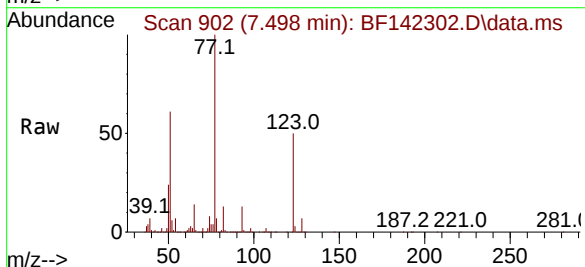
Delta R.T. 0.012 min

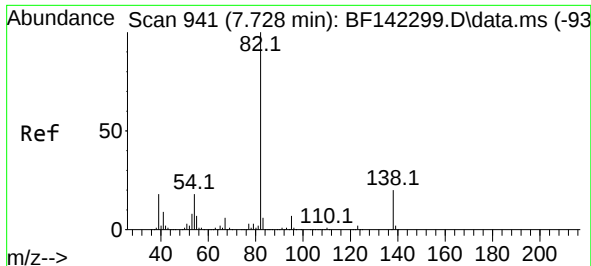
Lab File: BF142302.D

Acq: 05 May 2025 17:15

Tgt Ion: 77 Resp: 978534

Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.8	56.8
65	14.5	11.4	17.0

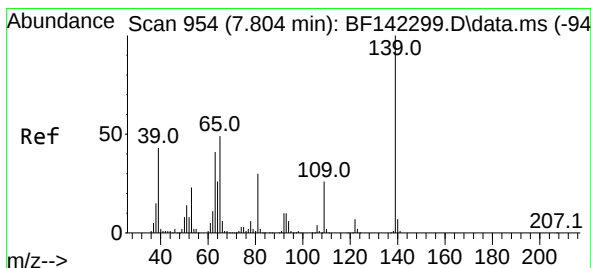
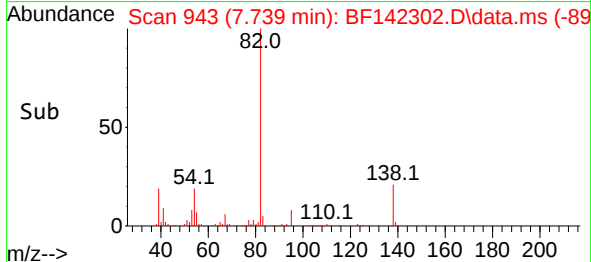
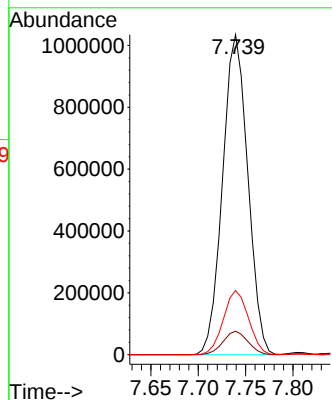
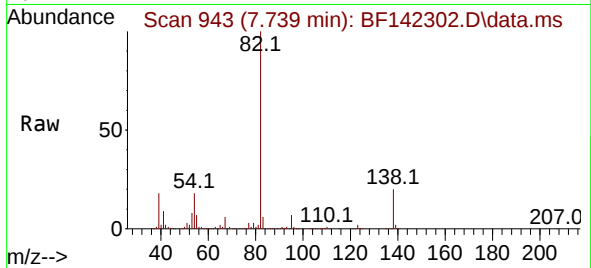




#25
Isophorone
Concen: 77.044 ng
RT: 7.739 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

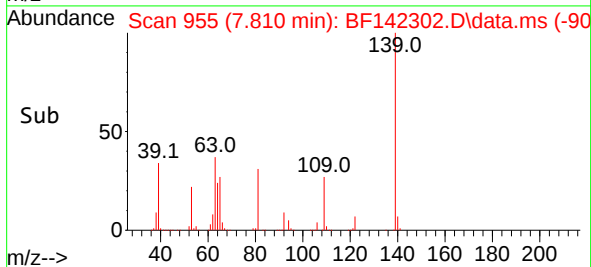
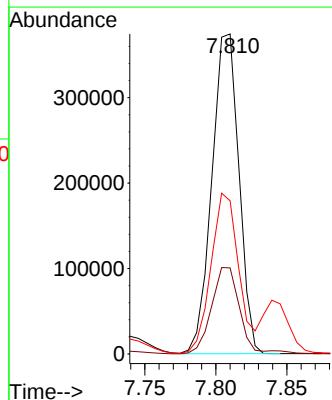
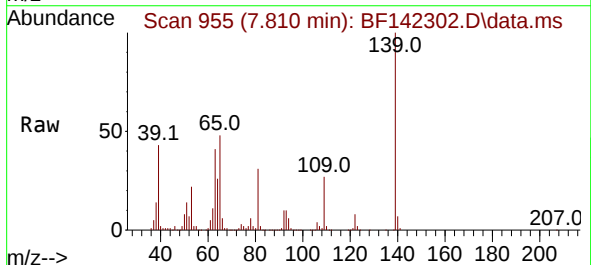
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

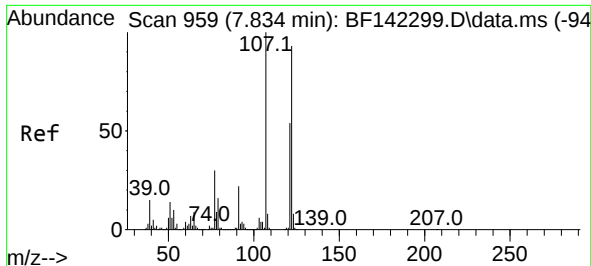
Tgt Ion: 82 Resp: 1916388
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 20.1 16.1 24.1



#26
2-Nitrophenol
Concen: 80.172 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:139 Resp: 496348
Ion Ratio Lower Upper
139 100
109 26.9 20.8 31.2
65 47.8 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 76.651 ng

RT: 7.839 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

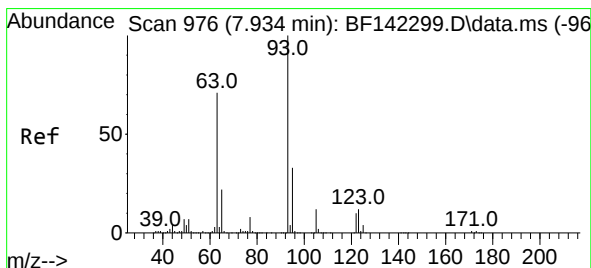
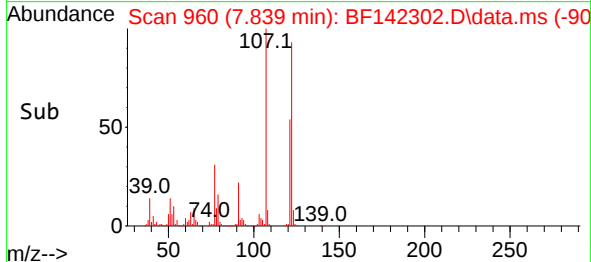
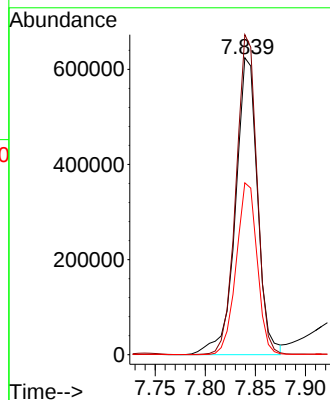
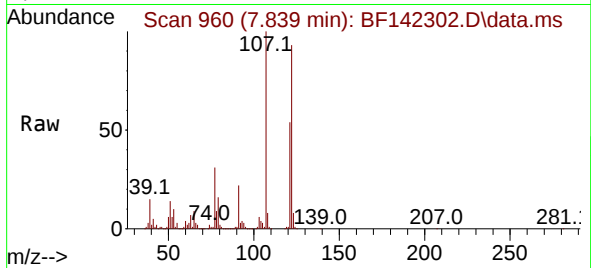
Tgt Ion:122 Resp: 958602

Ion Ratio Lower Upper

122 100

107 107.7 86.0 129.0

121 57.8 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 73.236 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

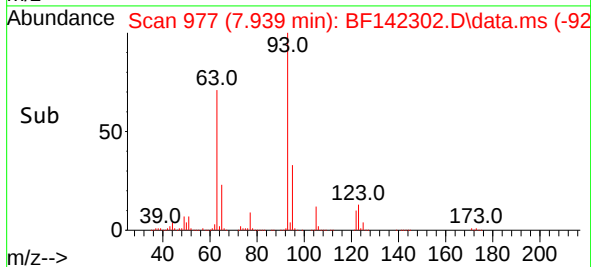
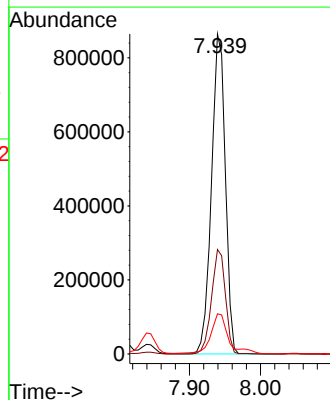
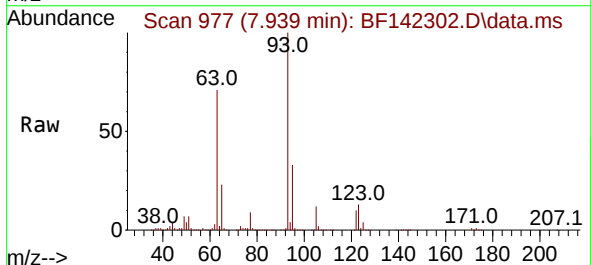
Tgt Ion: 93 Resp: 1171369

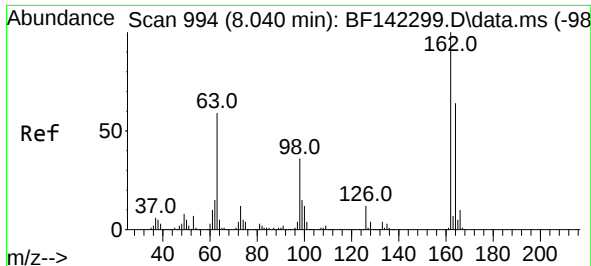
Ion Ratio Lower Upper

93 100

95 32.7 26.1 39.1

123 12.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 78.283 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

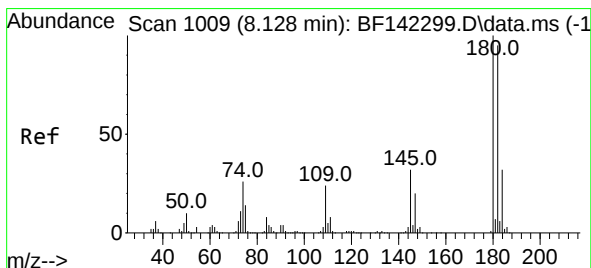
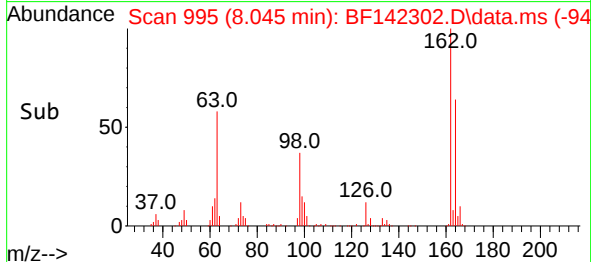
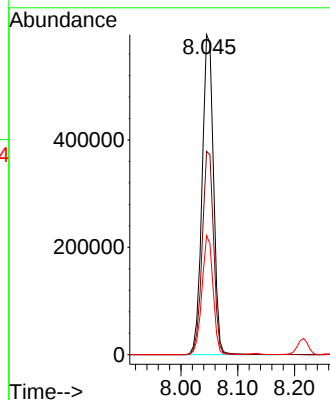
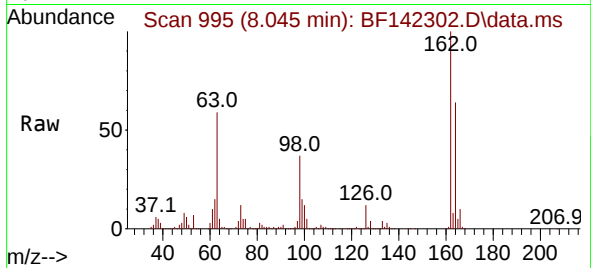
Tgt Ion:162 Resp: 832329

Ion Ratio Lower Upper

162 100

164 63.5 43.6 83.6

98 37.2 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 72.551 ng

RT: 8.133 min Scan# 1010

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

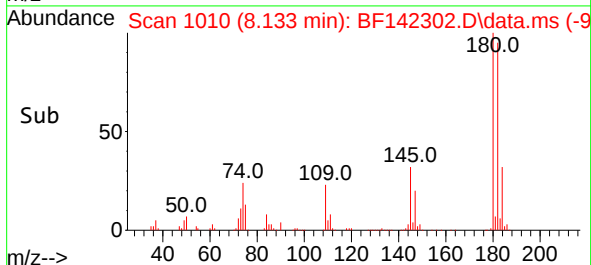
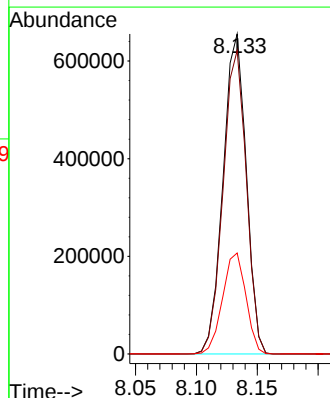
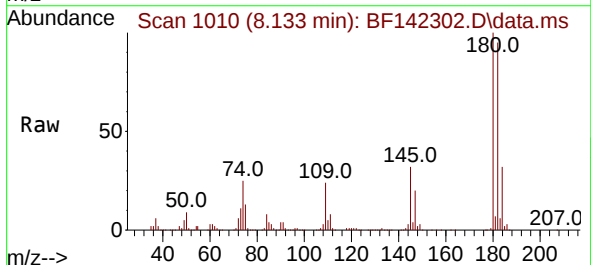
Tgt Ion:180 Resp: 868126

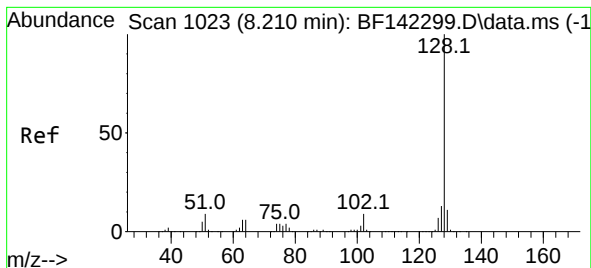
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 31.6 25.8 38.6





#31

Naphthalene

Concen: 68.916 ng

RT: 8.216 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

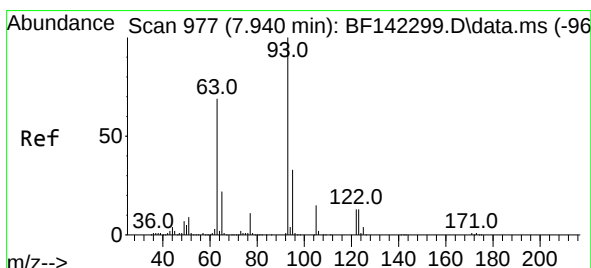
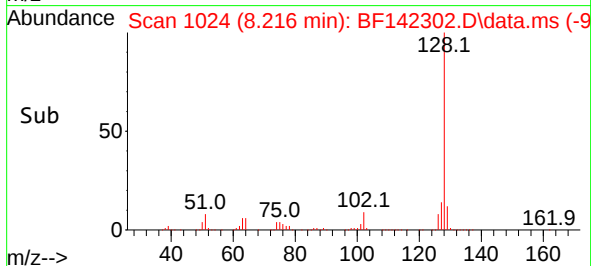
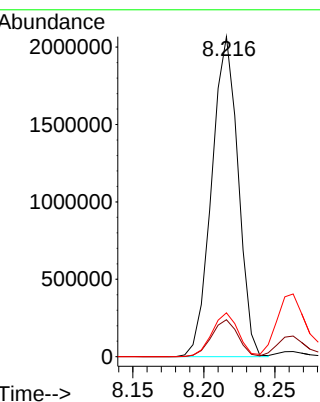
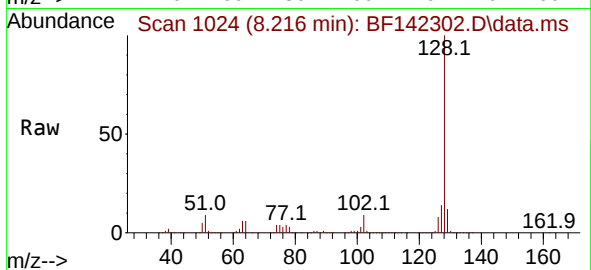
Tgt Ion:128 Resp: 2675722

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.7 10.5 15.7



#32

Benzoic acid

Concen: 76.609 ng

RT: 7.975 min Scan# 983

Delta R.T. 0.035 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

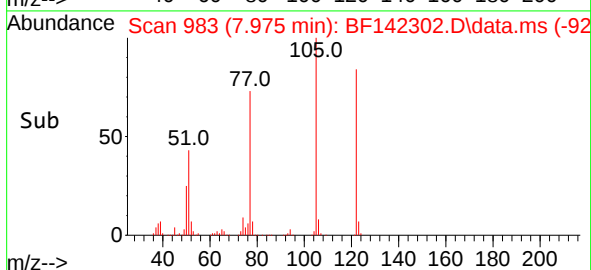
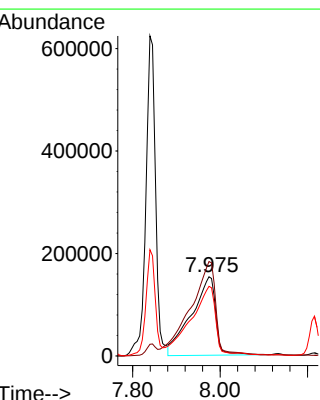
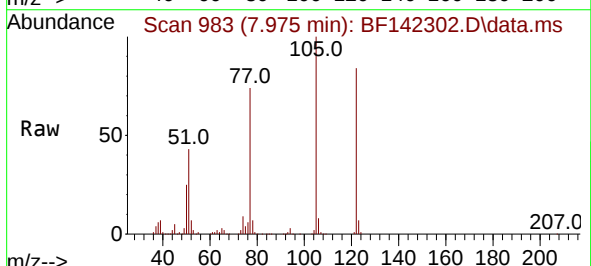
Tgt Ion:122 Resp: 595531

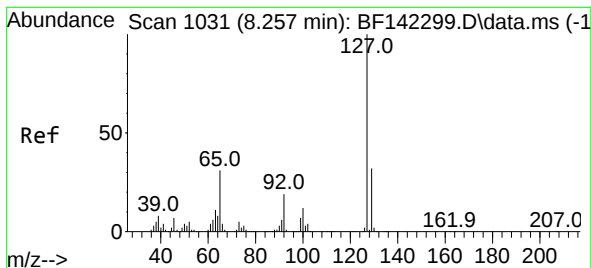
Ion Ratio Lower Upper

122 100

105 119.1 97.9 137.9

77 88.0 67.7 107.7





#33

4-Chloroaniline

Concen: 35.308 ng

RT: 8.263 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:127 Resp: 559381

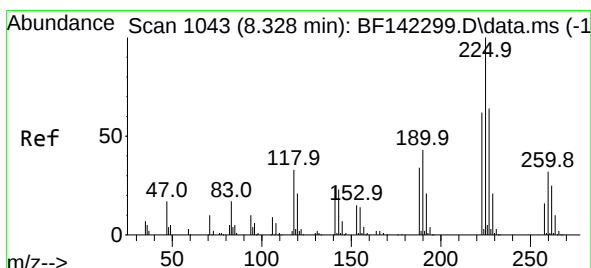
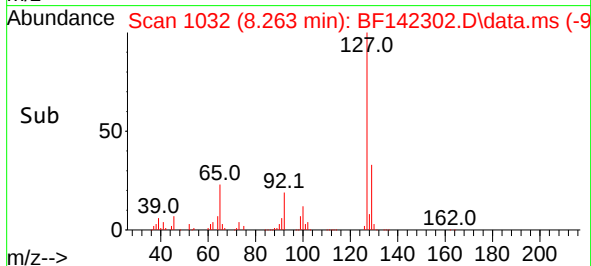
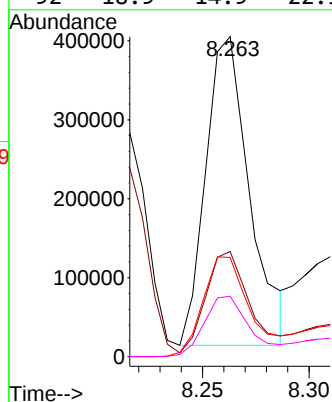
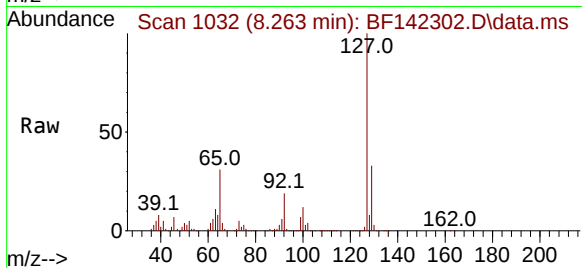
Ion Ratio Lower Upper

127 100

129 32.9 25.7 38.5

65 31.0 24.9 37.3

92 18.9 14.9 22.3



#34

Hexachlorobutadiene

Concen: 73.460 ng

RT: 8.333 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

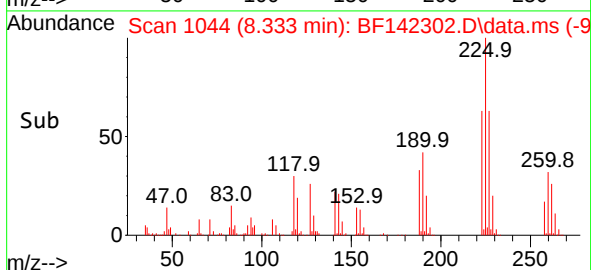
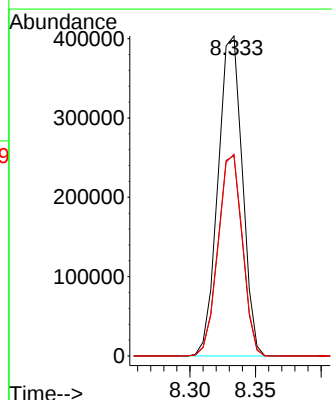
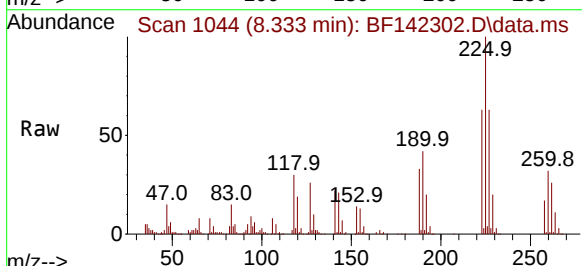
Tgt Ion:225 Resp: 520499

Ion Ratio Lower Upper

225 100

223 62.6 49.8 74.6

227 63.0 50.9 76.3

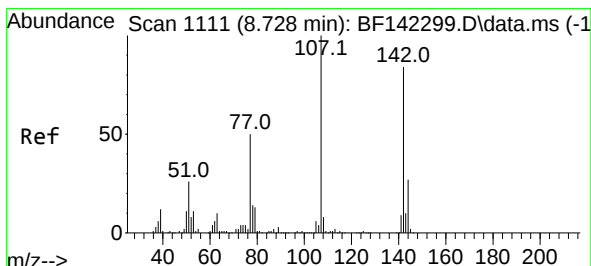
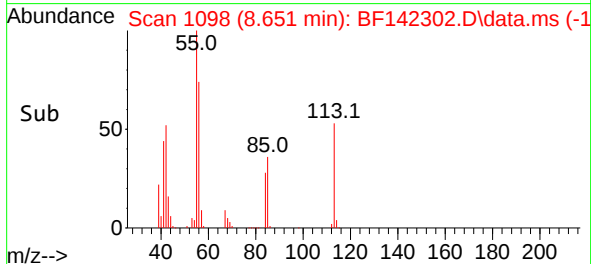
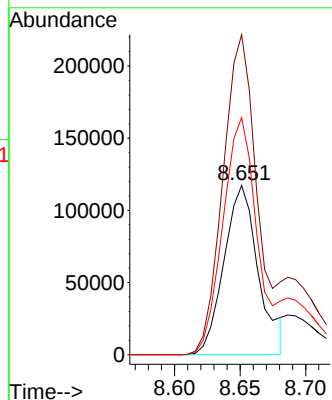
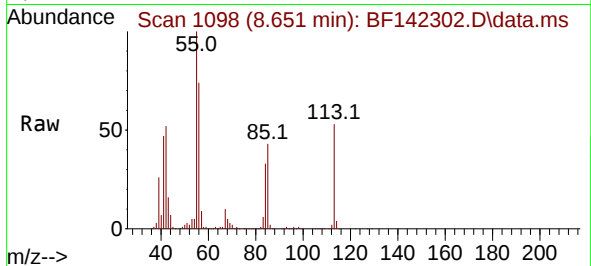




#35
 Caprolactam
 Concen: 69.013 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.029 min
 Lab File: BF142302.D
 Acq: 05 May 2025 17:15

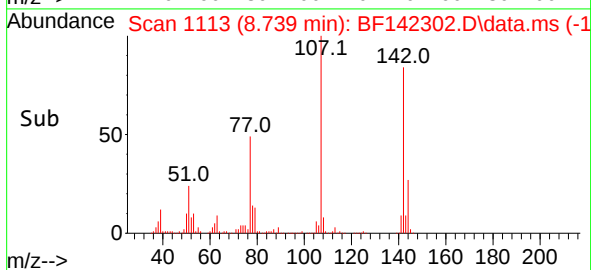
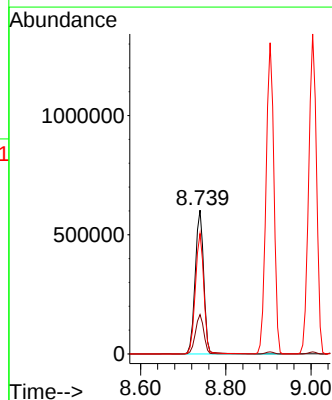
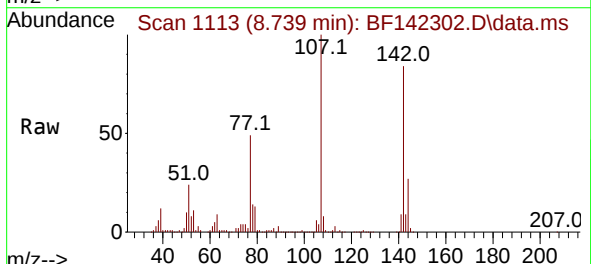
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

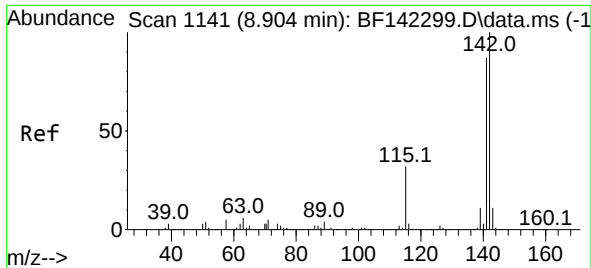
Tgt Ion:113 Resp: 213853
 Ion Ratio Lower Upper
 113 100
 55 189.0 176.4 216.4
 56 140.1 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 76.050 ng
 RT: 8.739 min Scan# 1113
 Delta R.T. 0.012 min
 Lab File: BF142302.D
 Acq: 05 May 2025 17:15

Tgt Ion:107 Resp: 840535
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.3 31.9
 142 83.7 66.9 100.3

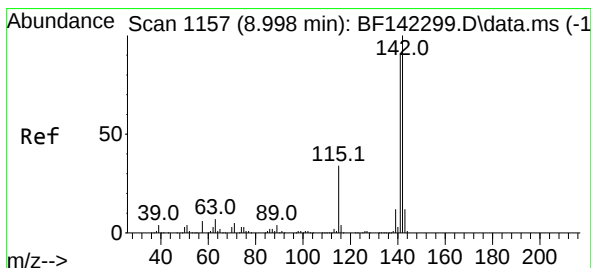
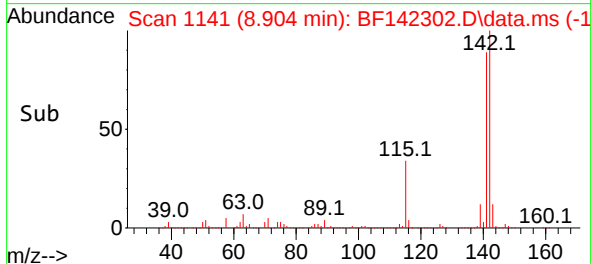
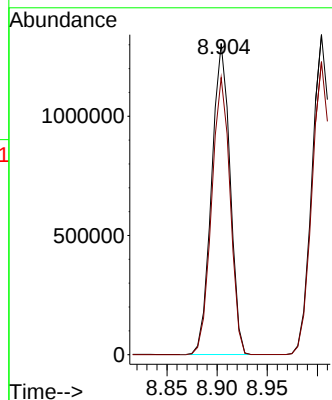
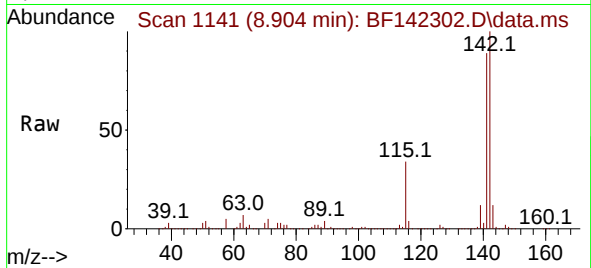




#37
2-Methylnaphthalene
Concen: 69.220 ng
RT: 8.904 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

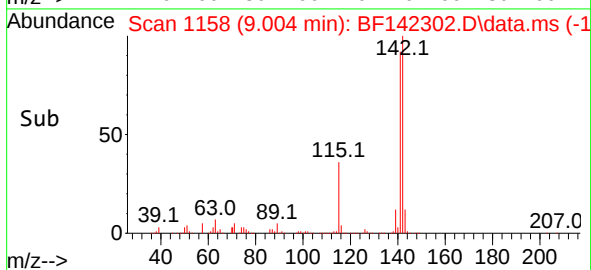
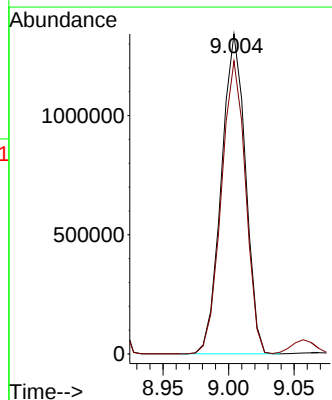
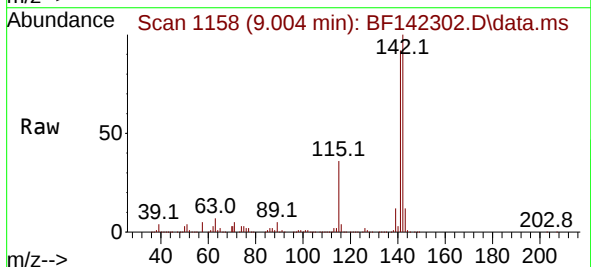
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

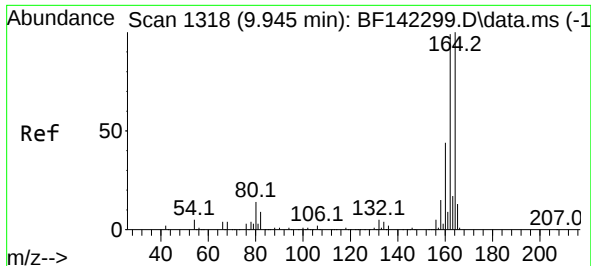
Tgt Ion:142 Resp: 1669985
Ion Ratio Lower Upper
142 100
141 89.1 69.4 104.2



#38
1-Methylnaphthalene
Concen: 68.165 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:142 Resp: 1714046
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7

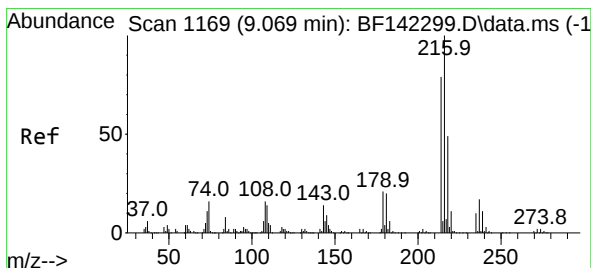
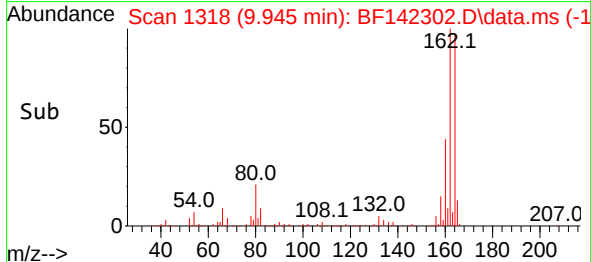
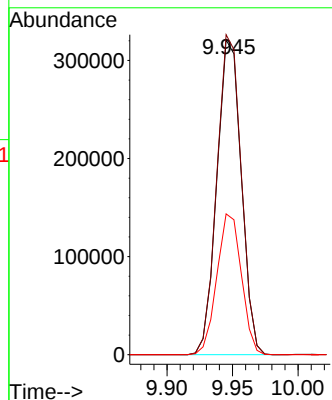
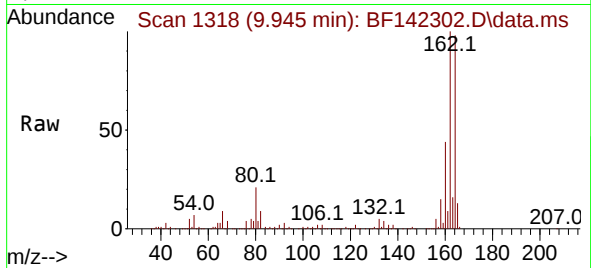




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

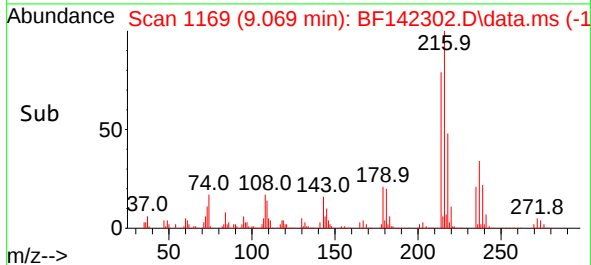
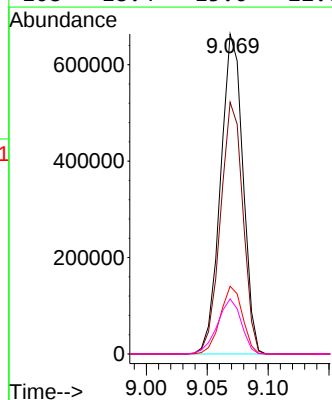
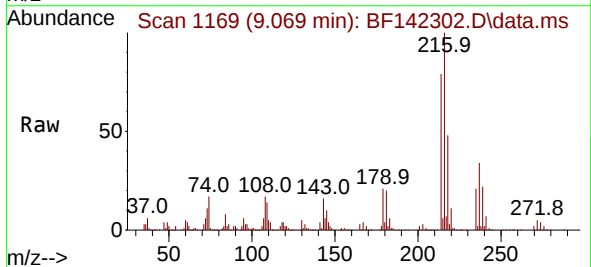
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 414811
Ion Ratio Lower Upper
164 100
162 101.7 79.2 118.8
160 44.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 73.349 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:216 Resp: 849773
Ion Ratio Lower Upper
216 100
214 78.7 63.8 95.6
179 21.0 17.0 25.6
108 18.4 15.0 22.6

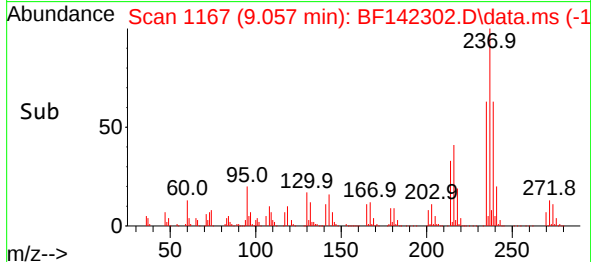
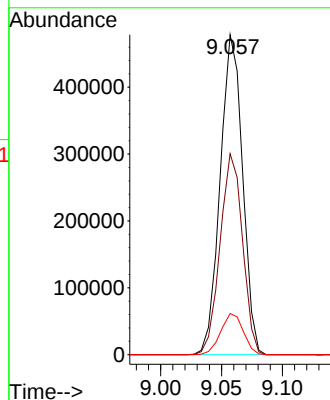
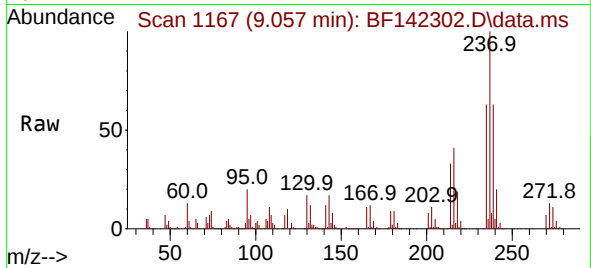




#41
Hexachlorocyclopentadiene
Concen: 85.560 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

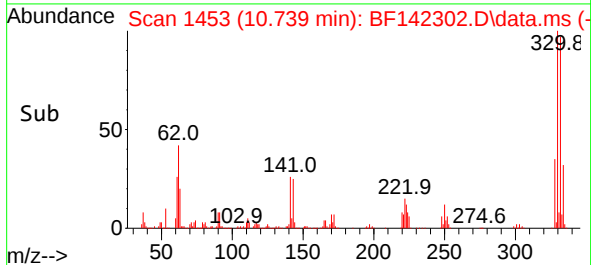
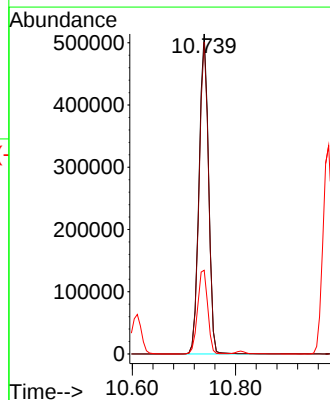
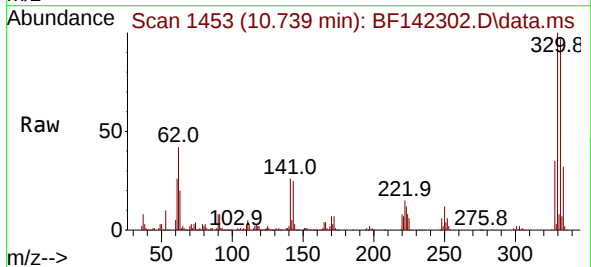
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

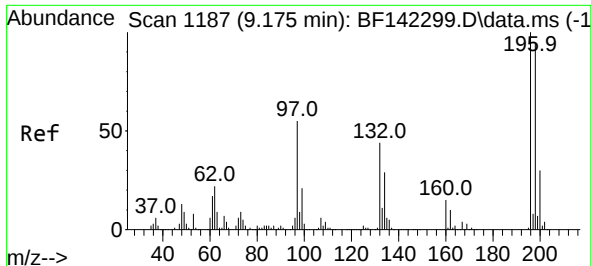
Tgt Ion:237 Resp: 612608
Ion Ratio Lower Upper
237 100
235 62.8 42.8 82.8
272 12.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 163.012 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:330 Resp: 652850
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 27.9 24.9 37.3

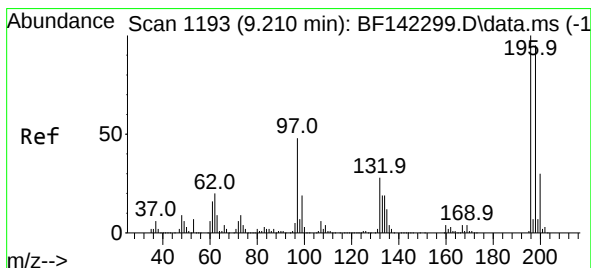
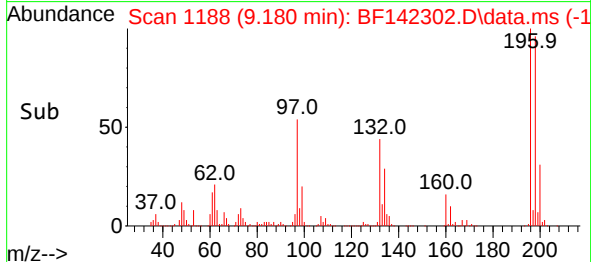
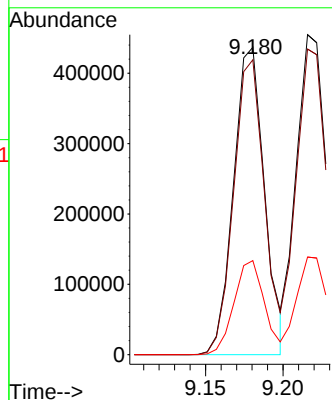
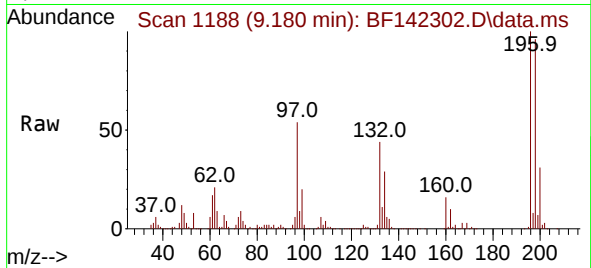




#43
2,4,6-Trichlorophenol
Concen: 82.898 ng
RT: 9.180 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

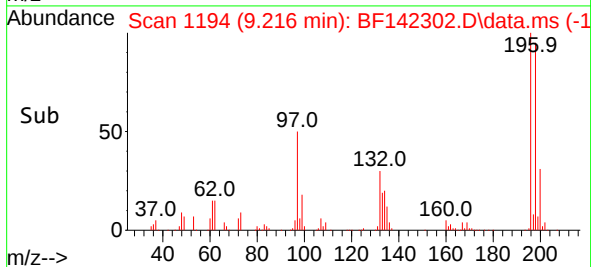
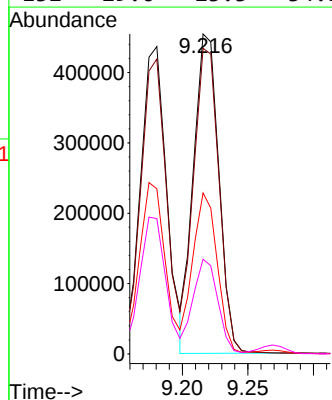
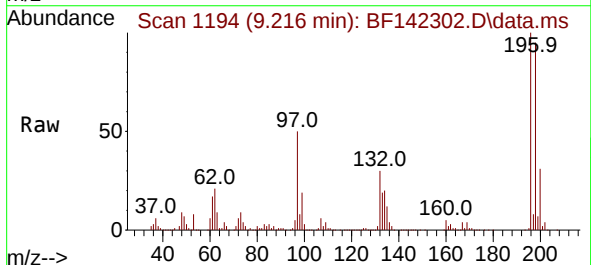
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

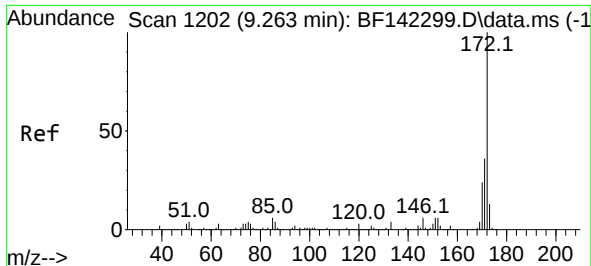
Tgt Ion:196 Resp: 605787
Ion Ratio Lower Upper
196 100
198 96.0 75.4 113.0
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 78.648 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:196 Resp: 611514
Ion Ratio Lower Upper
196 100
198 95.5 76.1 114.1
97 50.3 39.0 58.4
132 29.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 124.337 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

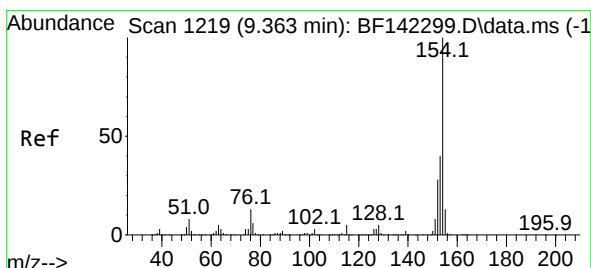
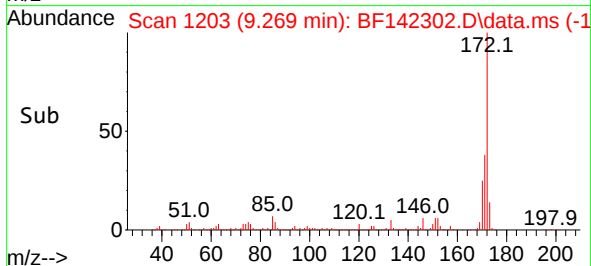
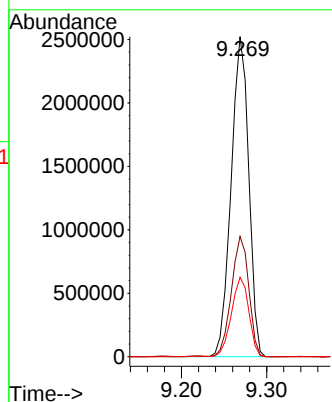
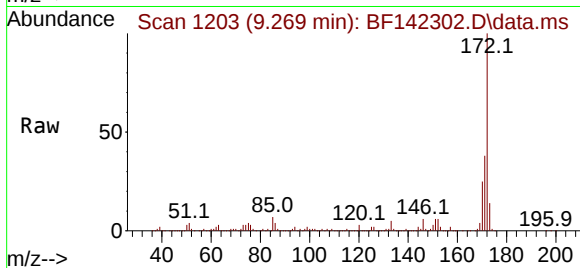
Tgt Ion:172 Resp: 3617174

Ion Ratio Lower Upper

172 100

171 37.6 28.6 42.8

170 24.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 68.328 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

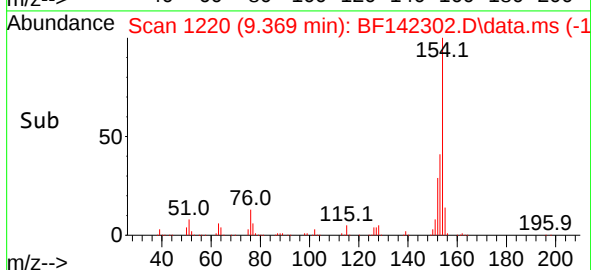
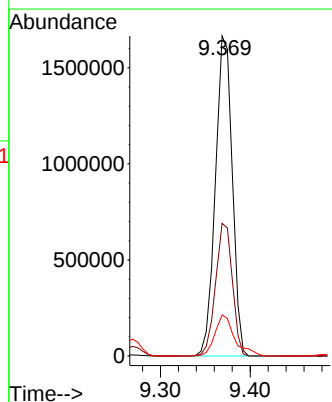
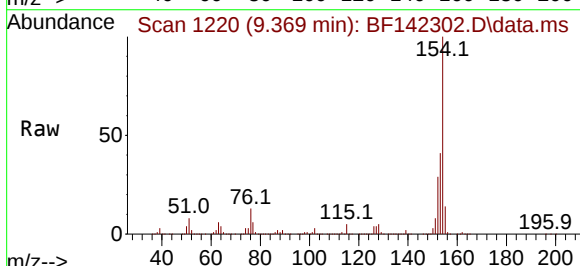
Tgt Ion:154 Resp: 2173202

Ion Ratio Lower Upper

154 100

153 41.5 20.5 60.5

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 71.397 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

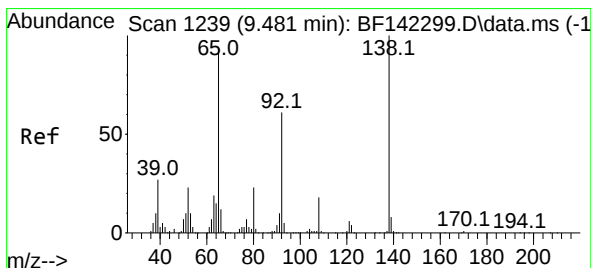
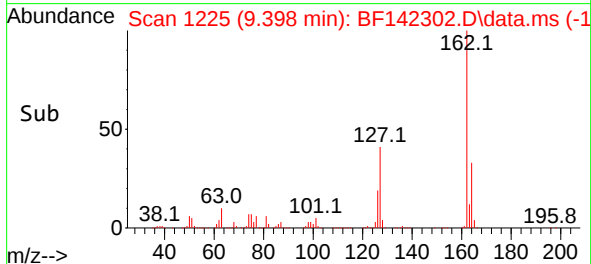
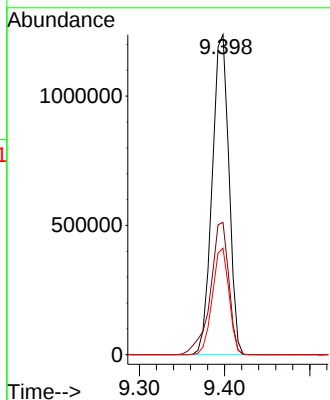
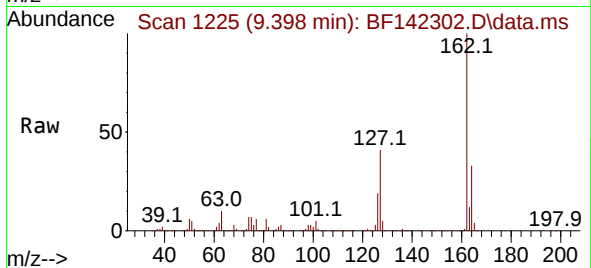
Tgt Ion:162 Resp: 1688751

Ion Ratio Lower Upper

162 100

127 41.4 32.3 48.5

164 33.3 26.6 40.0



#48

2-Nitroaniline

Concen: 90.354 ng

RT: 9.486 min Scan# 1240

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

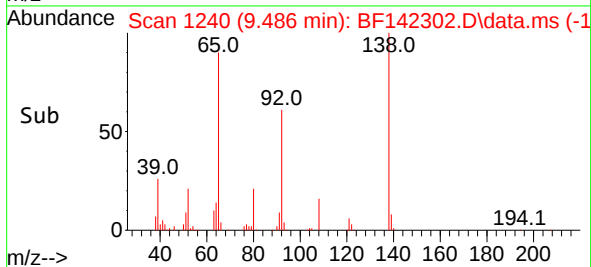
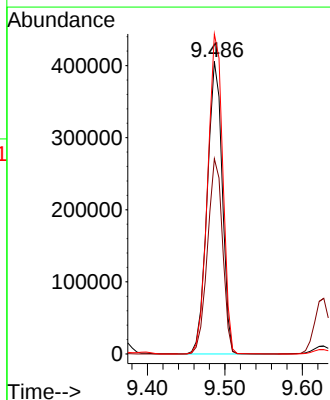
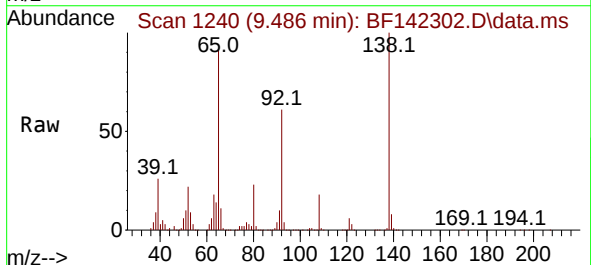
Tgt Ion: 65 Resp: 547789

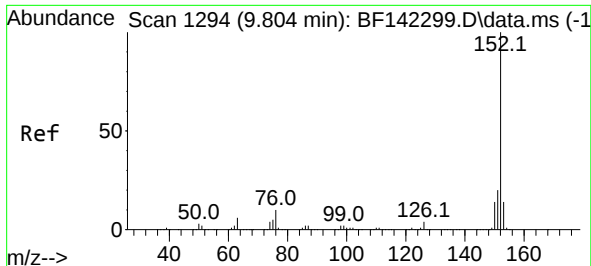
Ion Ratio Lower Upper

65 100

92 66.7 52.3 78.5

138 109.4 85.6 128.4





#49

Acenaphthylene

Concen: 69.830 ng

RT: 9.810 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

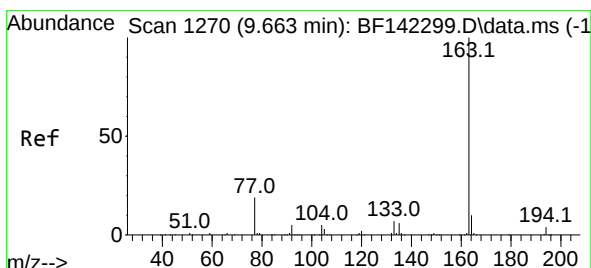
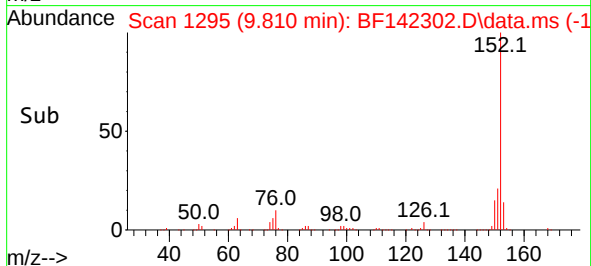
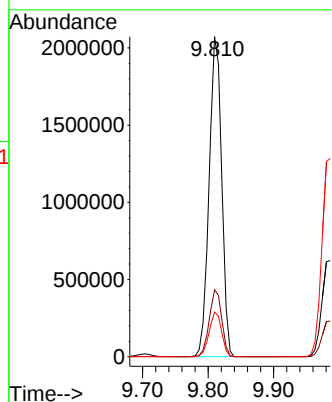
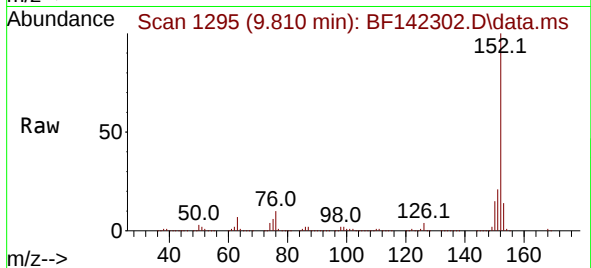
Tgt Ion:152 Resp: 2763028

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 14.0 10.8 16.2



#50

Dimethylphthalate

Concen: 73.901 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.012 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

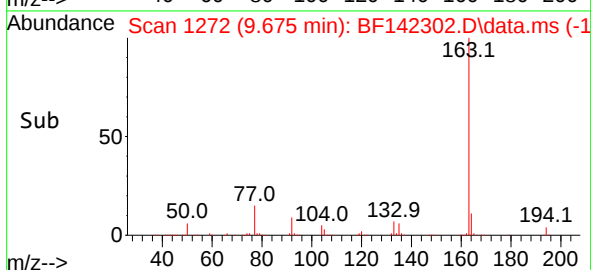
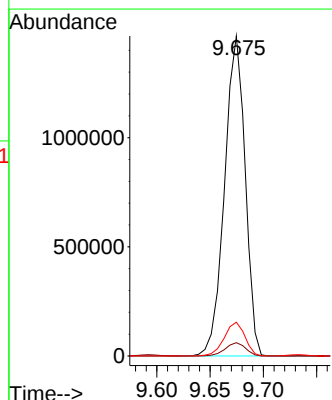
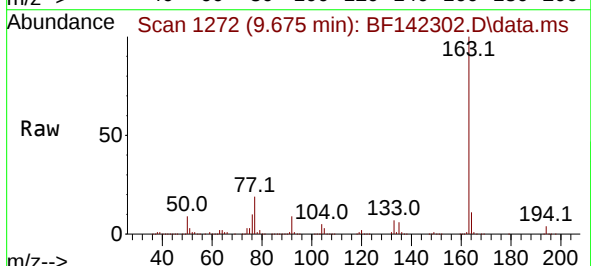
Tgt Ion:163 Resp: 1968431

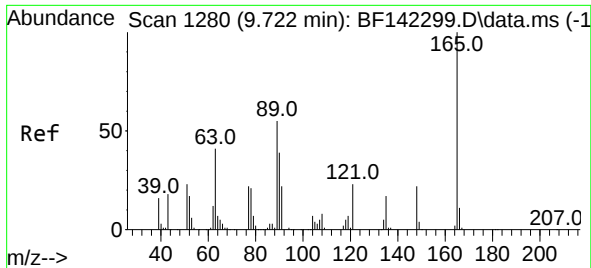
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.6 8.3 12.5

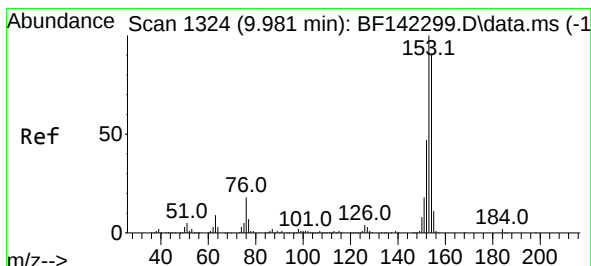
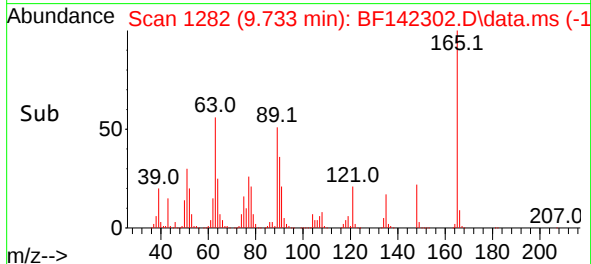
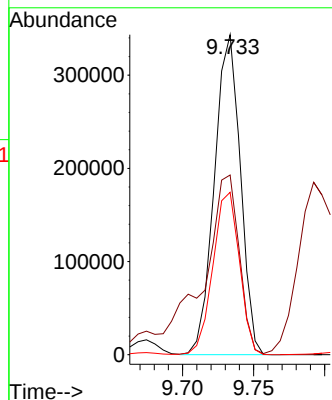
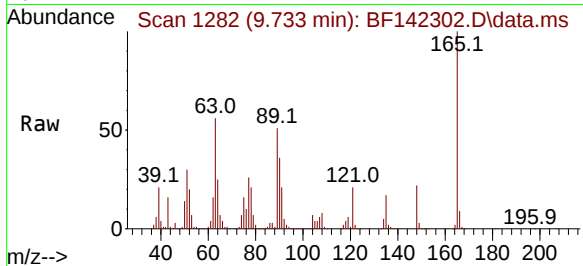




#51
2,6-Dinitrotoluene
Concen: 87.669 ng
RT: 9.733 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

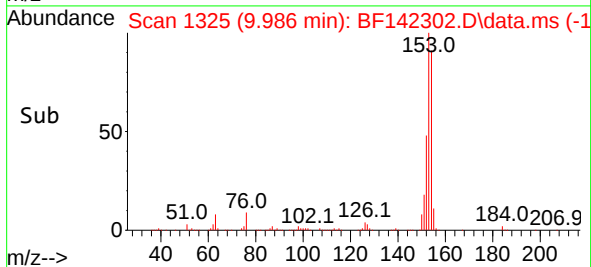
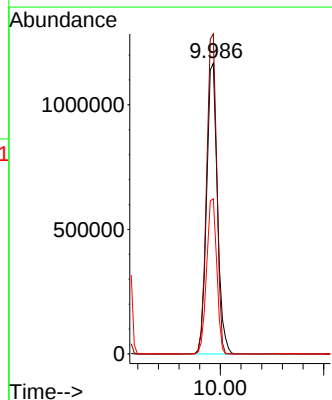
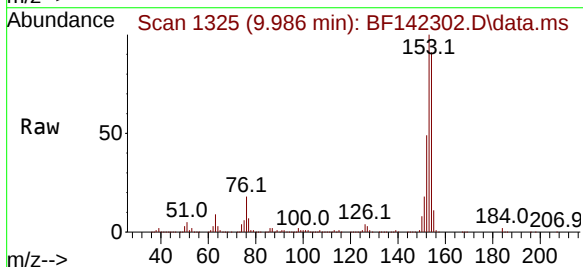
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

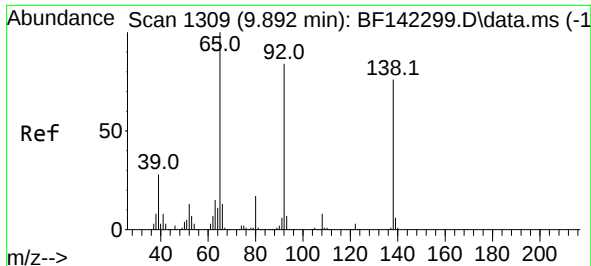
Tgt Ion:165 Resp: 437098
Ion Ratio Lower Upper
165 100
63 56.2 49.5 74.3
89 50.7 44.6 66.8



#52
Acenaphthene
Concen: 71.203 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:154 Resp: 1694020
Ion Ratio Lower Upper
154 100
153 110.0 88.0 132.0
152 53.4 41.6 62.4

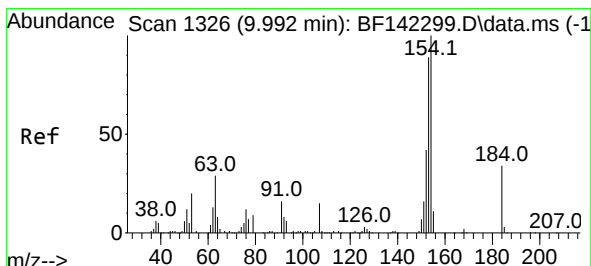
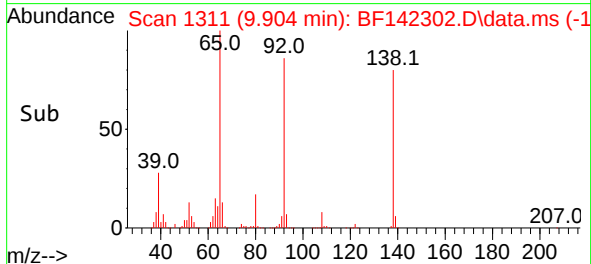
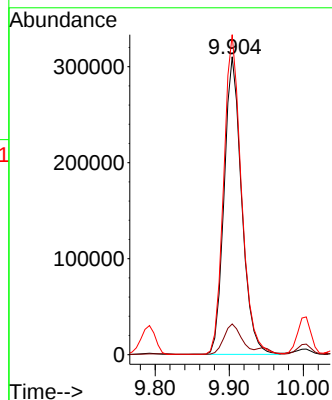
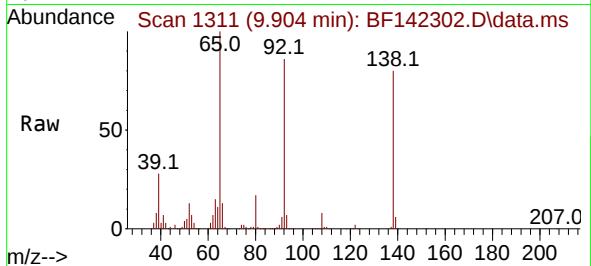




#53
3-Nitroaniline
Concen: 87.244 ng
RT: 9.904 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

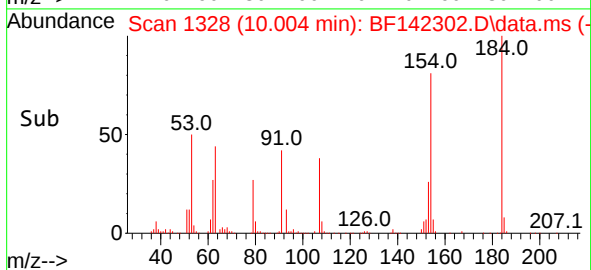
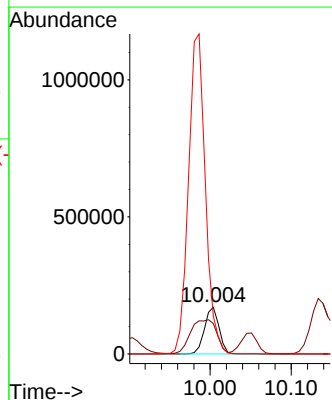
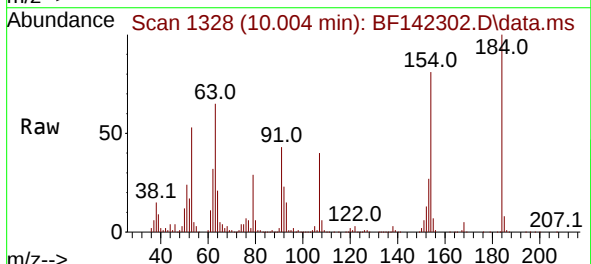
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 510152
Ion Ratio Lower Upper
138 100
108 10.3 8.7 13.1
92 107.4 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 80.686 ng
RT: 10.004 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:184 Resp: 210652
Ion Ratio Lower Upper
184 100
63 65.1 70.6 105.8#
154 81.2 257.2 385.8#

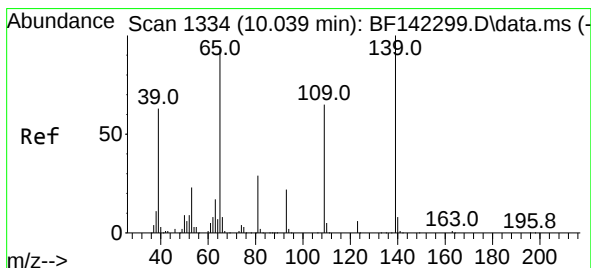
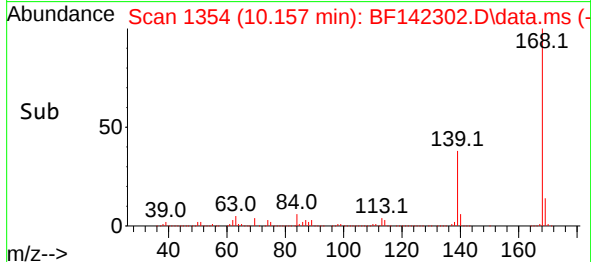
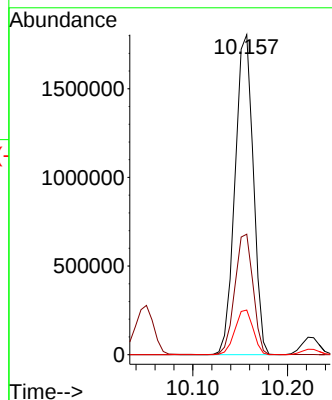
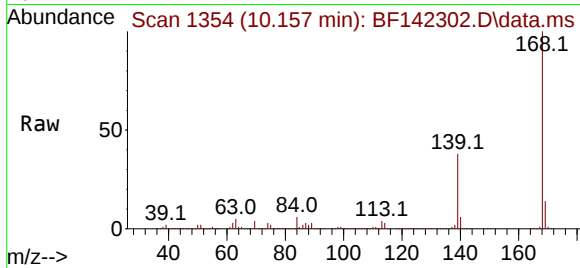




#55
Dibenzenofuran
Concen: 68.642 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

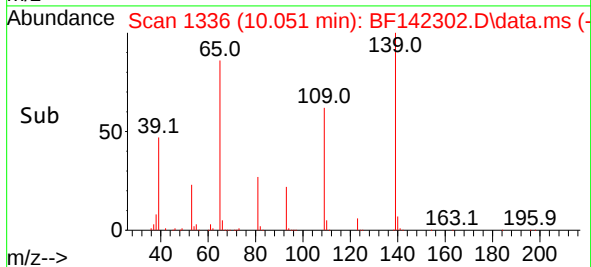
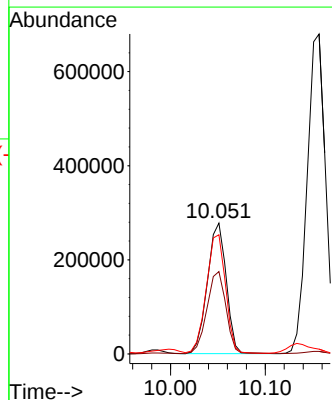
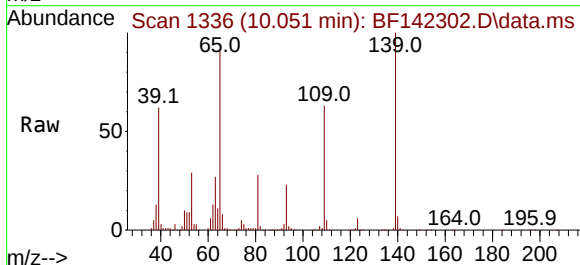
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

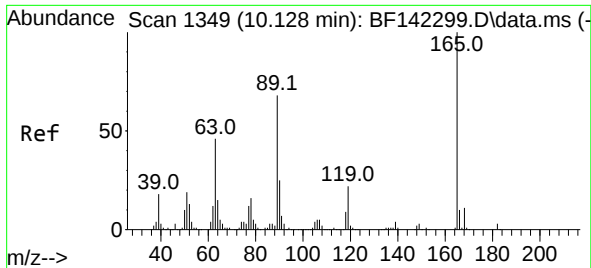
Tgt Ion:168 Resp: 2410169
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.4
169 13.9 10.7 16.1



#56
4-Nitrophenol
Concen: 87.250 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:139 Resp: 383978
Ion Ratio Lower Upper
139 100
109 62.9 45.3 85.3
65 91.1 73.9 113.9

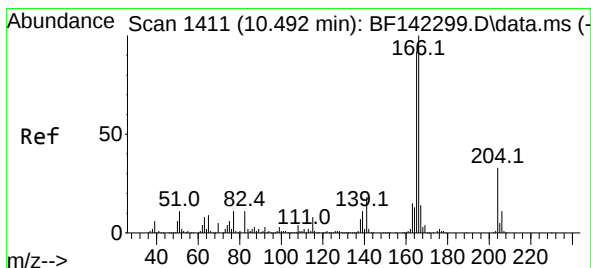
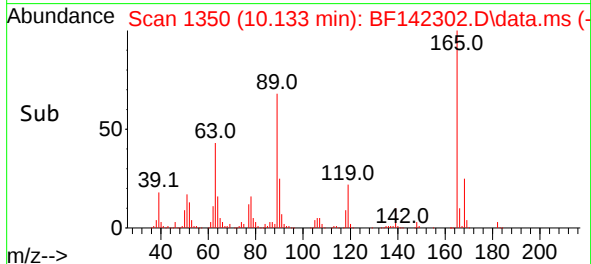
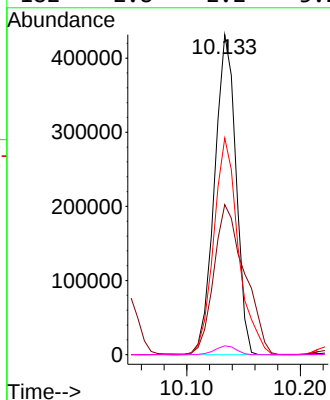
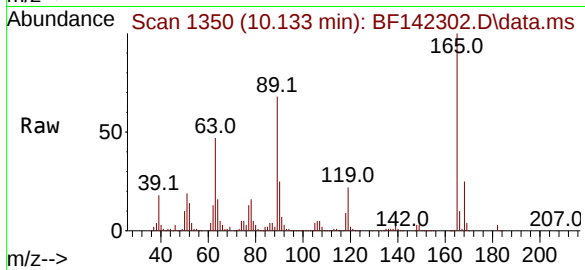




#57
2,4-Dinitrotoluene
Concen: 88.591 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

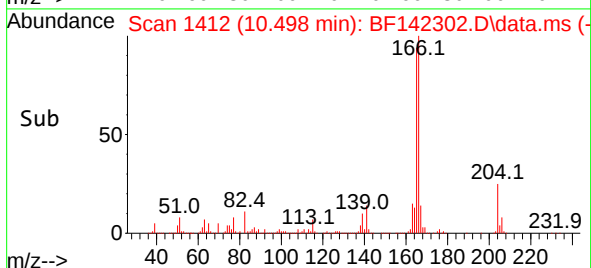
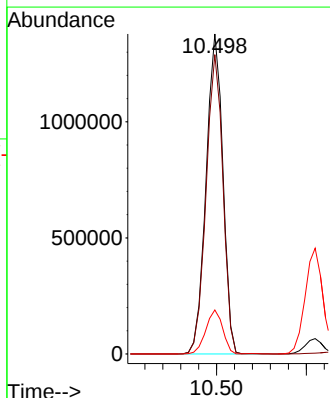
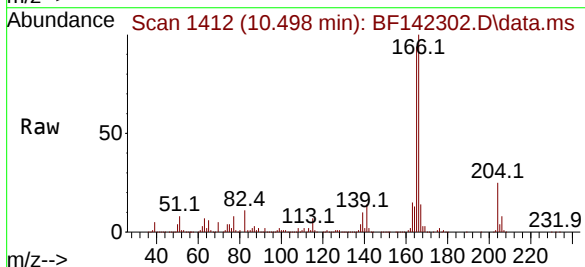
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

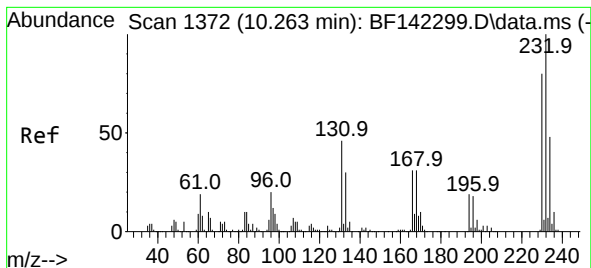
Tgt Ion:165 Resp: 566575
Ion Ratio Lower Upper
165 100
63 46.9 37.1 55.7
89 67.7 54.4 81.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 66.896 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:166 Resp: 1792549
Ion Ratio Lower Upper
166 100
165 93.6 74.0 111.0
167 13.8 10.9 16.3

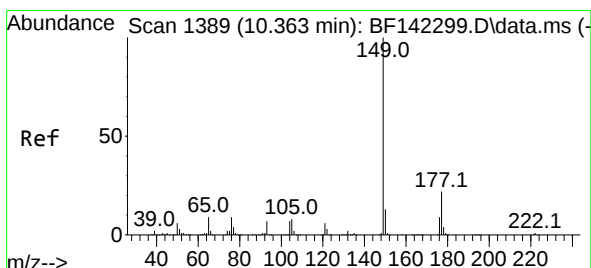
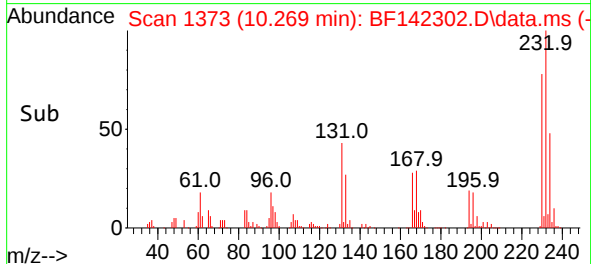
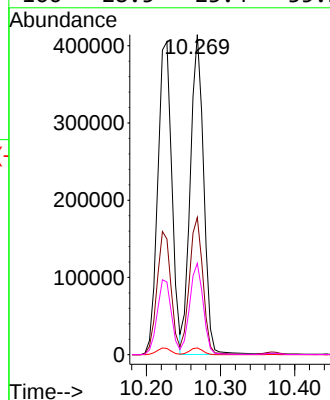
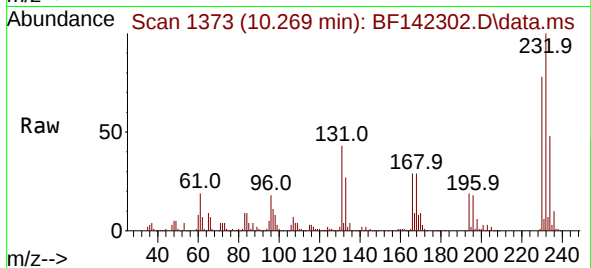




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.113 ng
RT: 10.269 min Scan# 1372
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

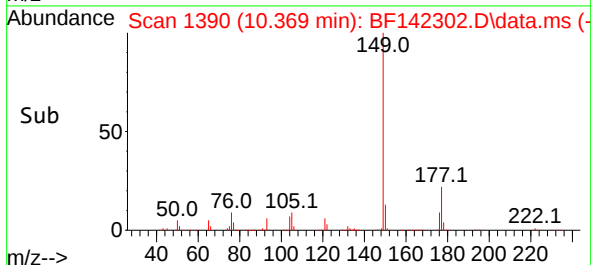
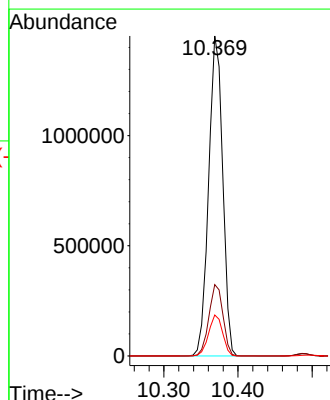
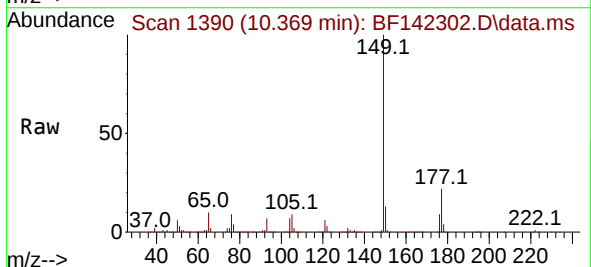
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

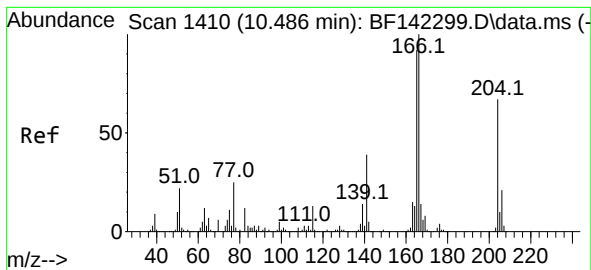
Tgt Ion:232 Resp: 520638
Ion Ratio Lower Upper
232 100
131 43.0 36.0 54.0
130 2.1 1.8 2.6
166 28.5 23.4 35.2



#60
Diethylphthalate
Concen: 71.766 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 1909012
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.8 10.1 15.1

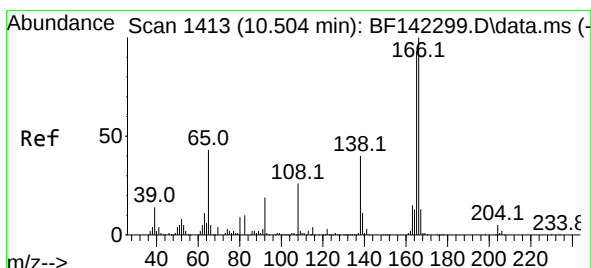
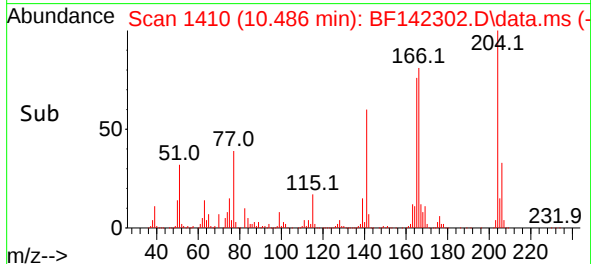
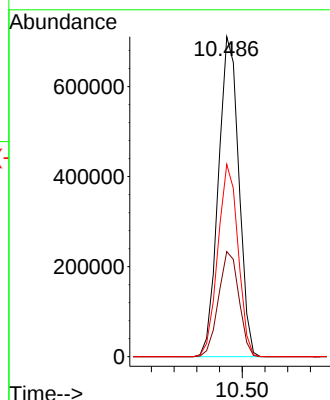
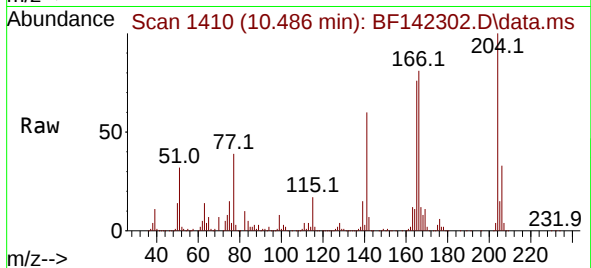




#61
4-Chlorophenyl-phenylether
Concen: 68.707 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

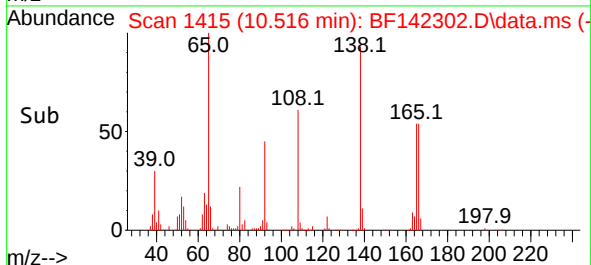
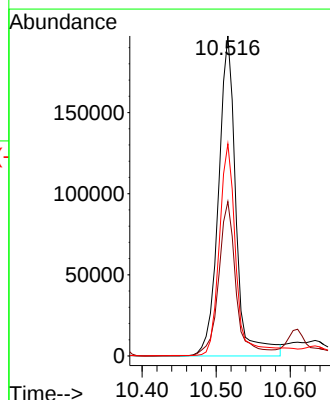
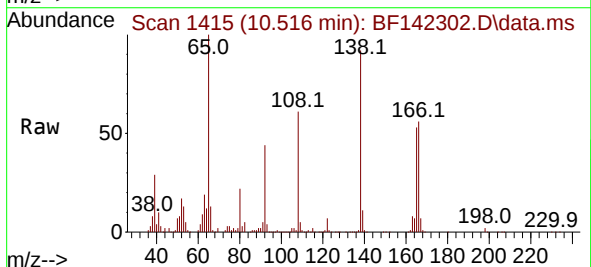
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

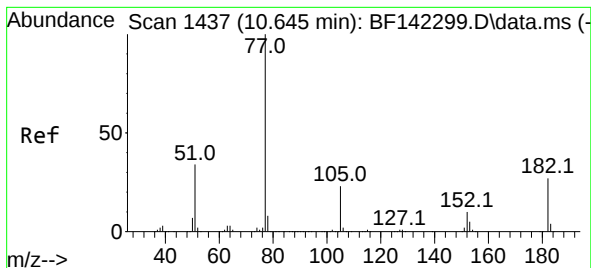
Tgt Ion:204 Resp: 888242
Ion Ratio Lower Upper
204 100
206 32.9 25.5 38.3
141 60.1 46.4 69.6



#62
4-Nitroaniline
Concen: 69.894 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:138 Resp: 323923
Ion Ratio Lower Upper
138 100
92 48.3 27.3 67.3
108 66.3 45.1 85.1





#63

Azobenzene

Concen: 71.660 ng

RT: 10.651 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 1821504

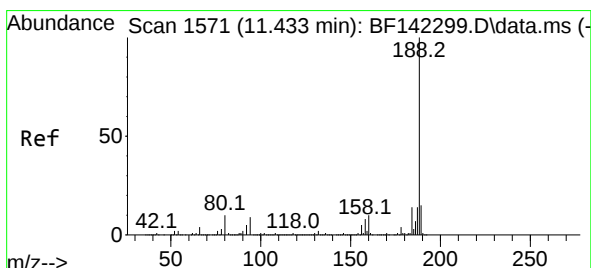
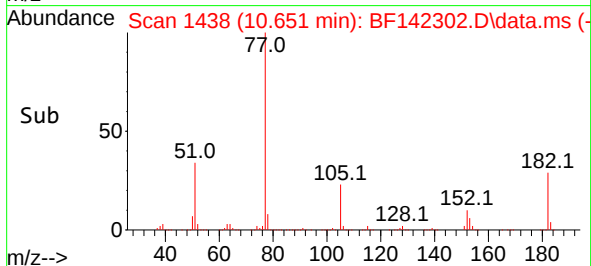
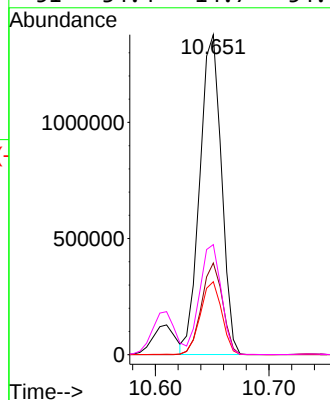
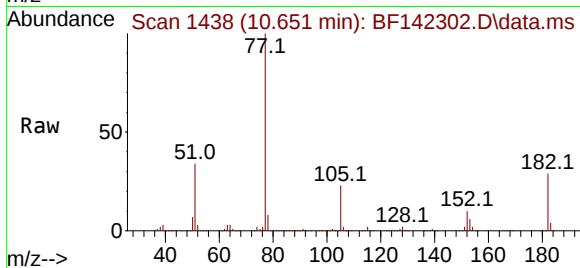
Ion Ratio Lower Upper

77 100

182 28.6 6.9 46.9

105 22.8 2.7 42.7

51 34.4 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

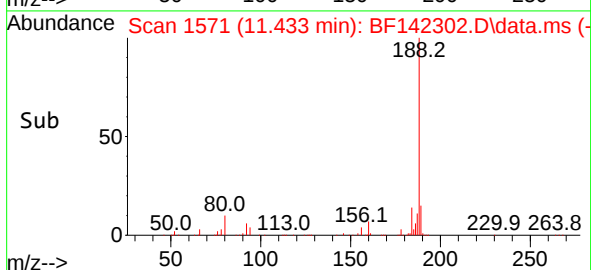
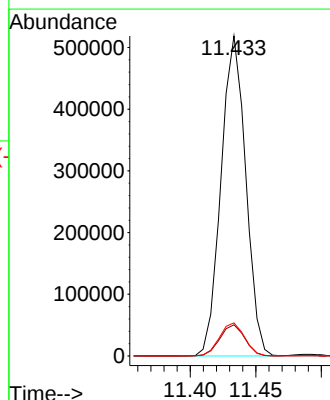
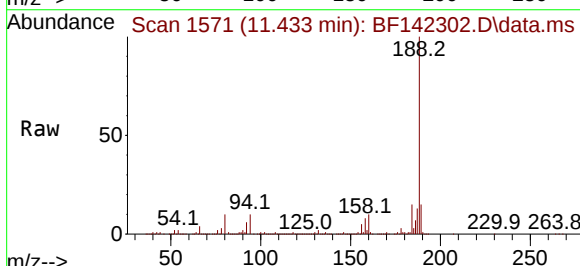
Tgt Ion:188 Resp: 679241

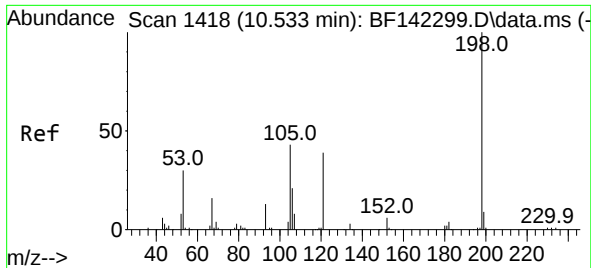
Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 10.3 7.9 11.9

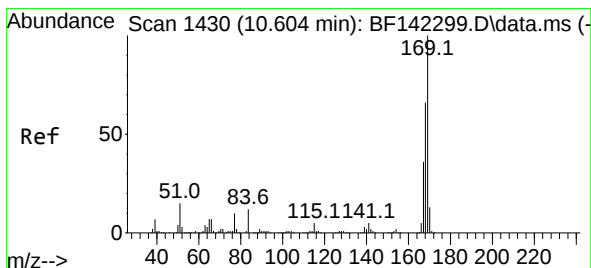
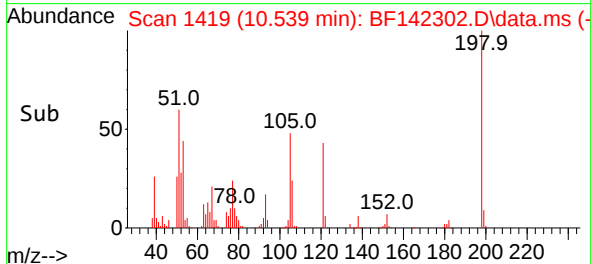
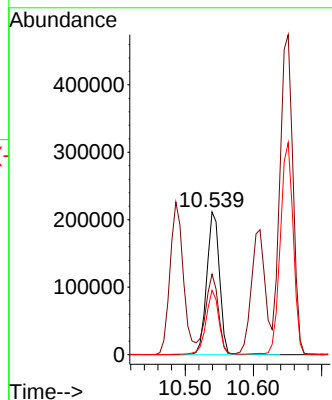
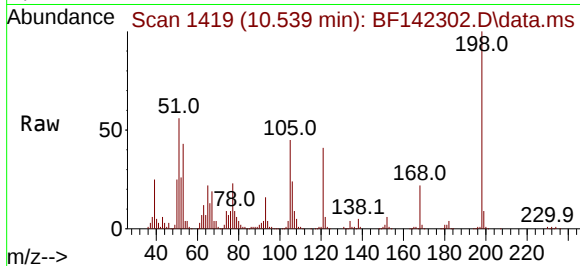




#65
4,6-Dinitro-2-methylphenol
Concen: 80.746 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

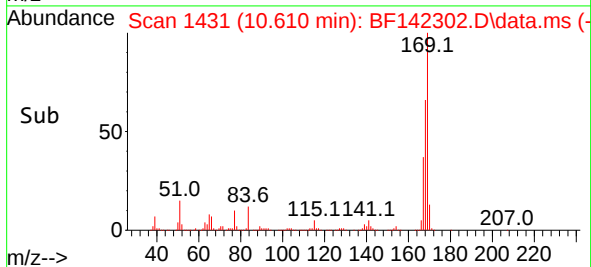
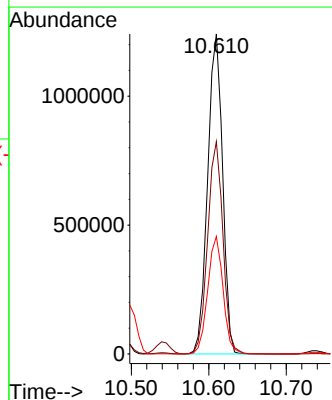
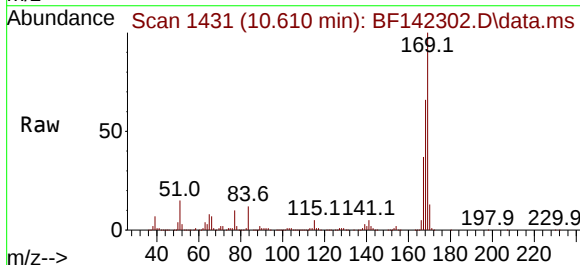
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

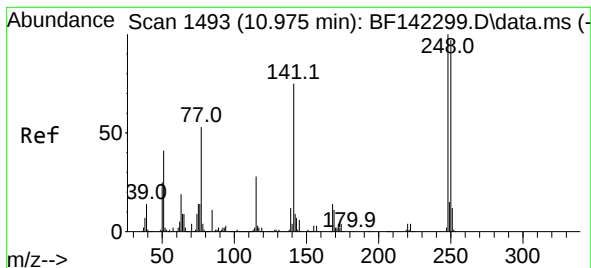
Tgt Ion:198 Resp: 273917
Ion Ratio Lower Upper
198 100
51 56.4 32.9 72.9
105 45.1 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 73.372 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:169 Resp: 1658390
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.7 28.9 43.3

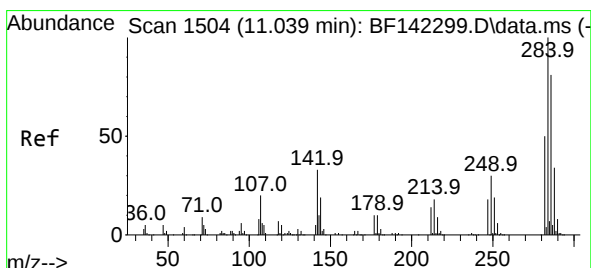
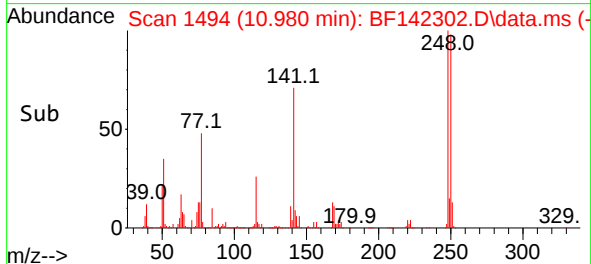
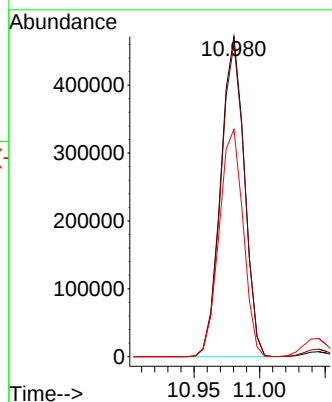
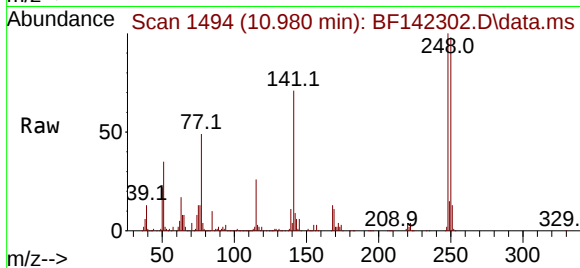




#67
4-Bromophenyl-phenylether
Concen: 76.716 ng
RT: 10.980 min Scan# 1494
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

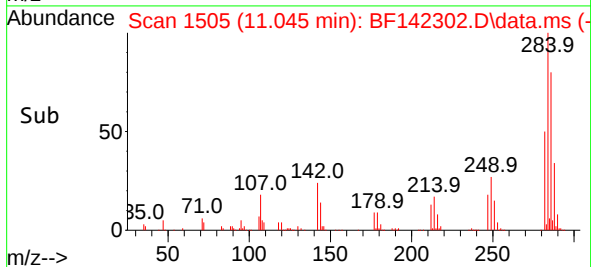
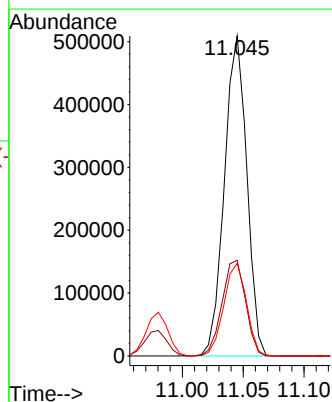
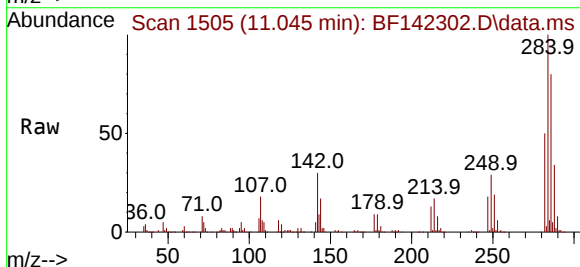
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

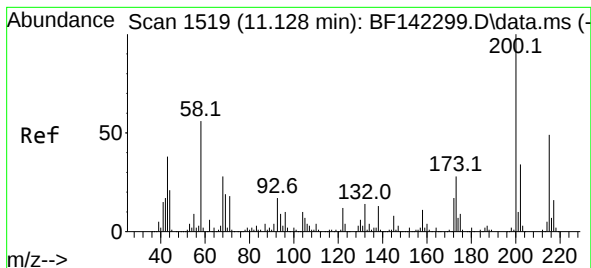
Tgt Ion:248 Resp: 590568
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 71.0 59.8 89.8



#68
Hexachlorobenzene
Concen: 76.857 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:284 Resp: 650802
Ion Ratio Lower Upper
284 100
142 29.9 26.6 39.8
249 29.0 24.1 36.1





#69

Atrazine

Concen: 79.910 ng

RT: 11.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

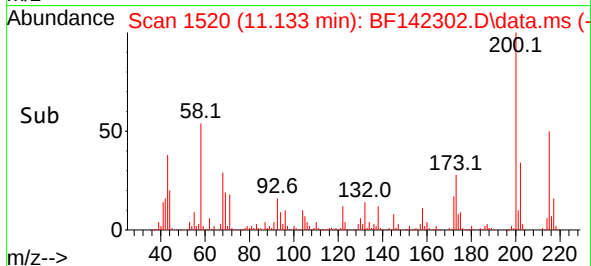
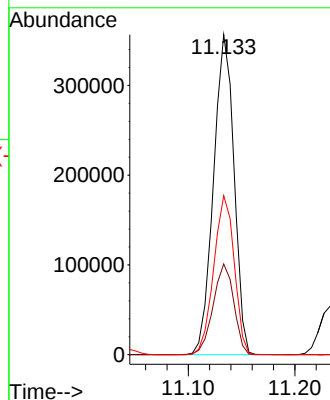
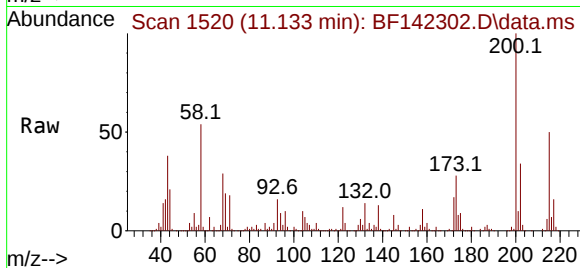
Tgt Ion:200 Resp: 476112

Ion Ratio Lower Upper

200 100

173 28.4 8.1 48.1

215 49.7 28.8 68.8



#70

Pentachlorophenol

Concen: 87.666 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

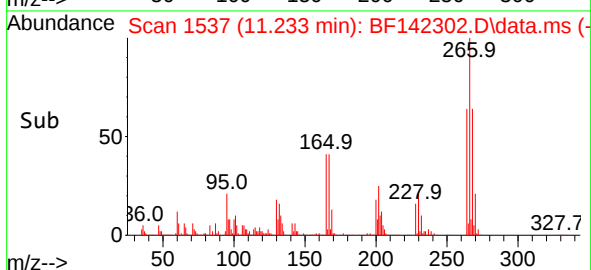
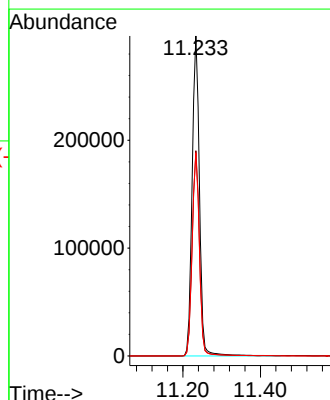
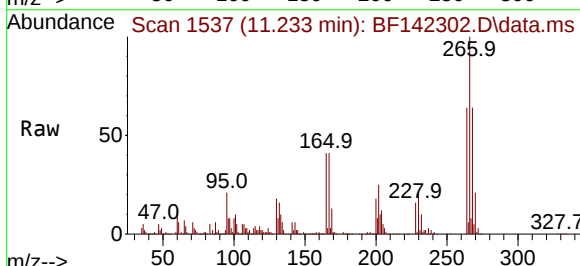
Tgt Ion:266 Resp: 390517

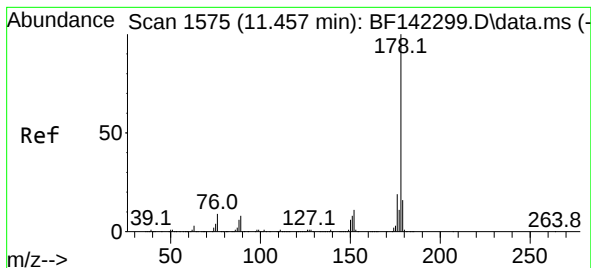
Ion Ratio Lower Upper

266 100

268 64.2 48.7 73.1

264 63.5 49.8 74.6





#71

Phenanthrene

Concen: 69.101 ng

RT: 11.463 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

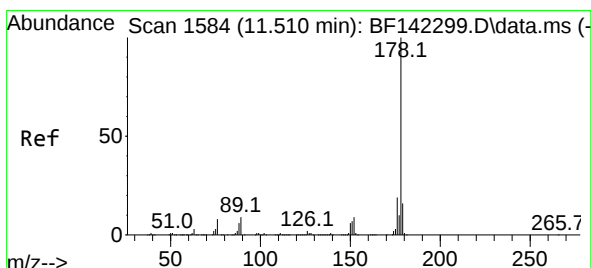
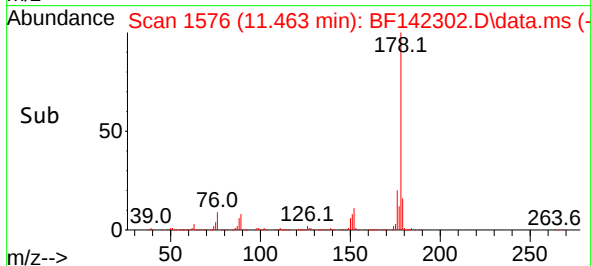
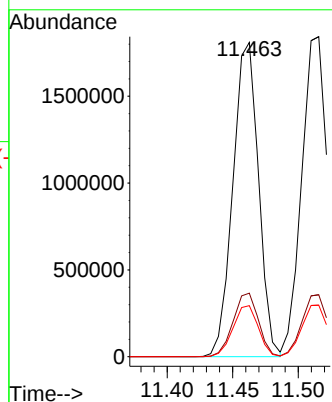
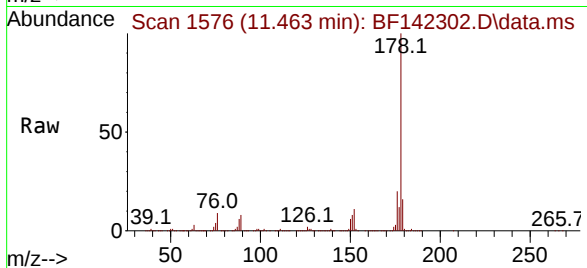
Tgt Ion:178 Resp: 2460275

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

179 16.2 12.6 18.8



#72

Anthracene

Concen: 68.834 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

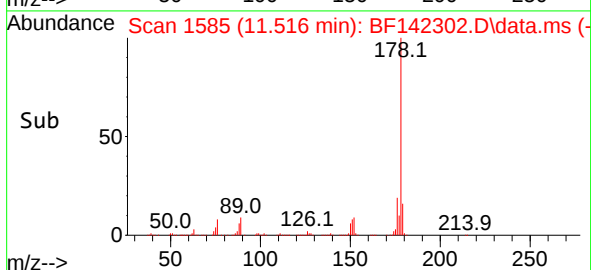
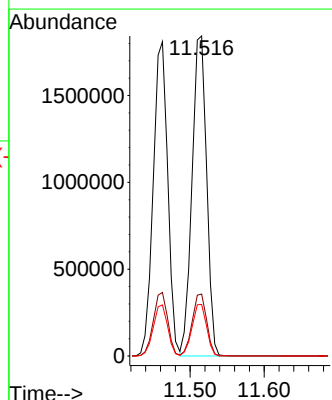
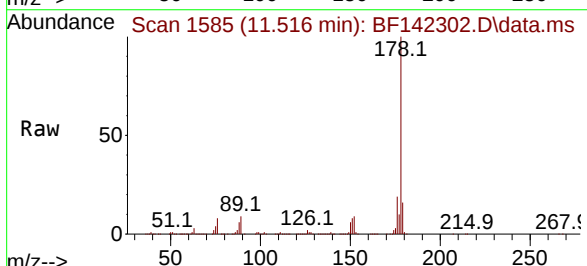
Tgt Ion:178 Resp: 2518162

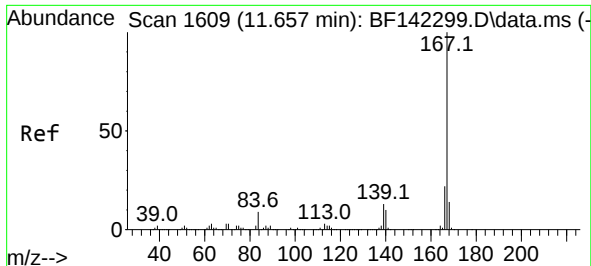
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.1 12.6 18.8

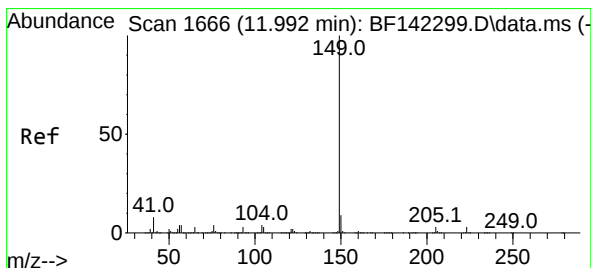
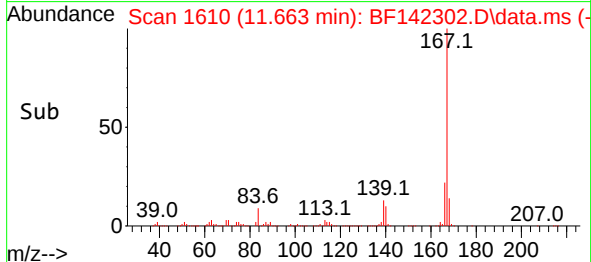
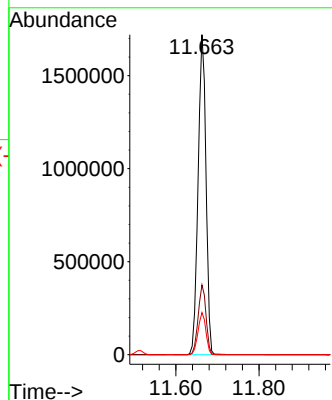
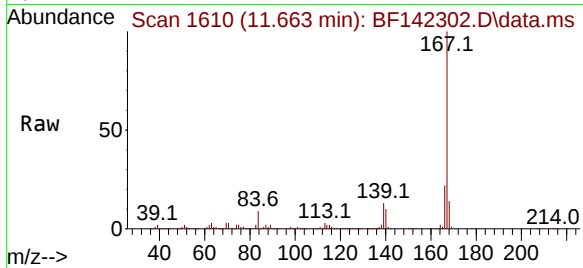




#73
Carbazole
Concen: 69.290 ng
RT: 11.663 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

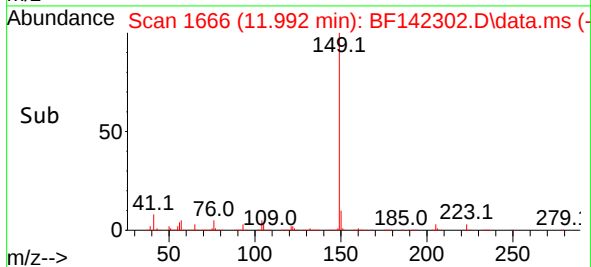
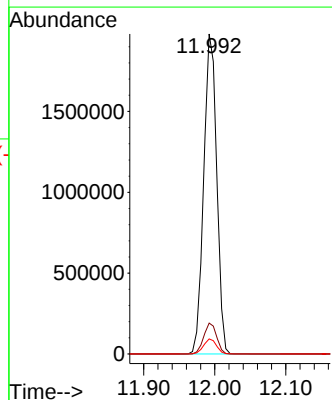
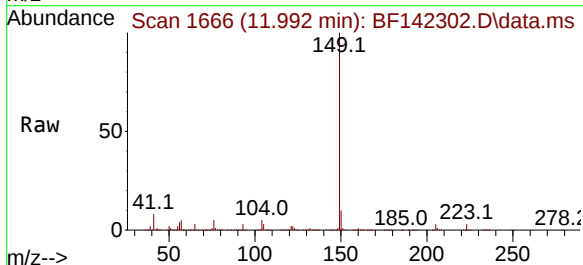
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

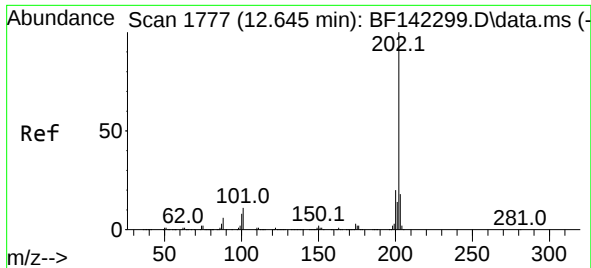
Tgt Ion:167 Resp: 2274167
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 13.2 10.3 15.5



#74
Di-n-butylphthalate
Concen: 73.060 ng
RT: 11.992 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 2521480
Ion Ratio Lower Upper
149 100
150 9.7 7.5 11.3
104 4.7 3.6 5.4

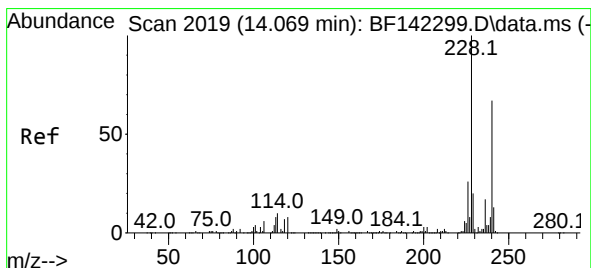
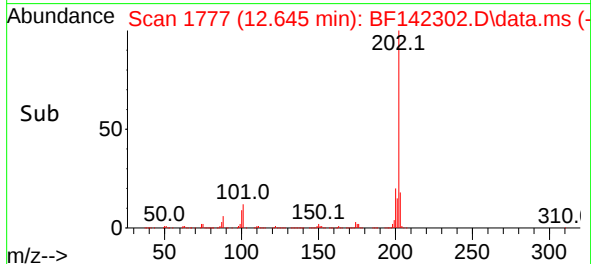
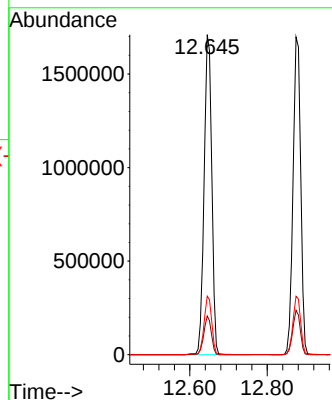
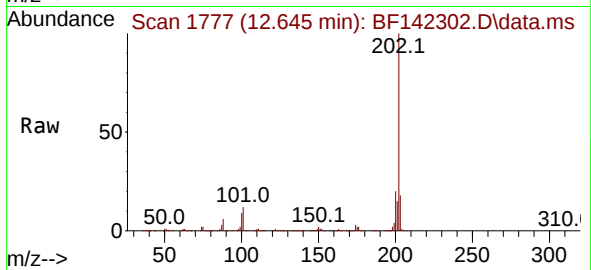




#75
Fluoranthene
Concen: 65.892 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

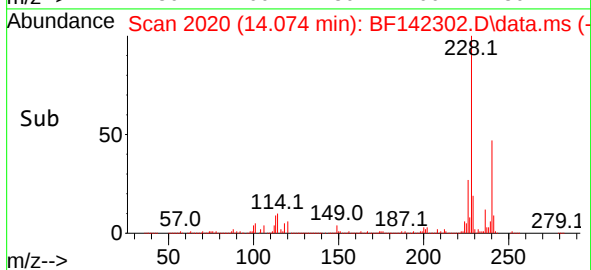
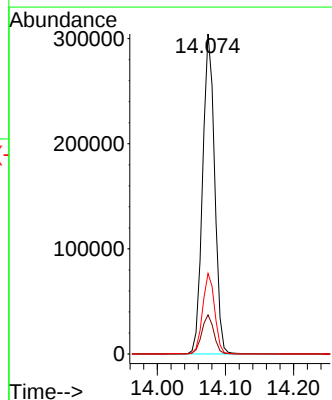
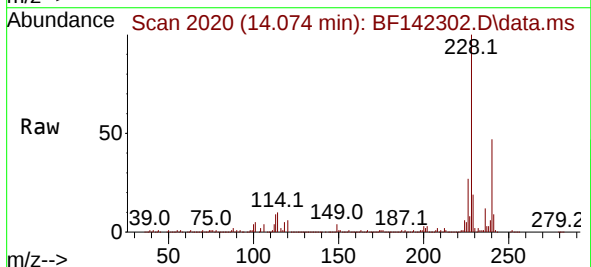
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

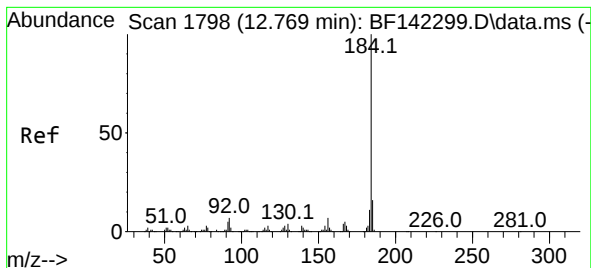
Tgt Ion:202 Resp: 2345160
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 18.3 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:240 Resp: 373928
Ion Ratio Lower Upper
240 100
120 12.2 9.7 14.5
236 25.2 20.0 30.0





#77

Benzidine

Concen: 74.263 ng

RT: 12.774 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

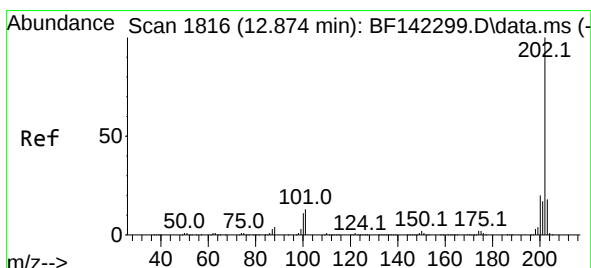
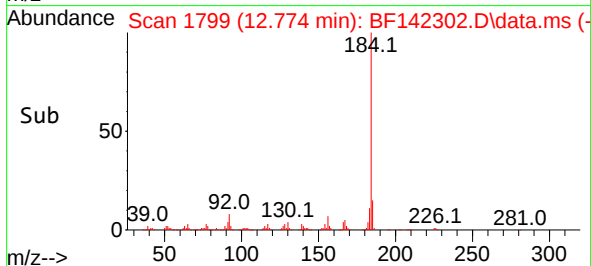
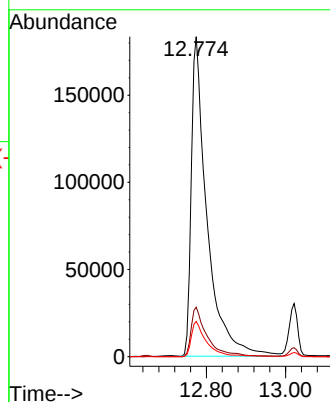
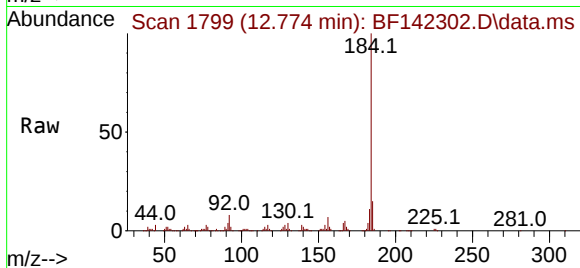
Tgt Ion:184 Resp: 504643

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 11.0 8.6 12.8



#78

Pyrene

Concen: 69.874 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

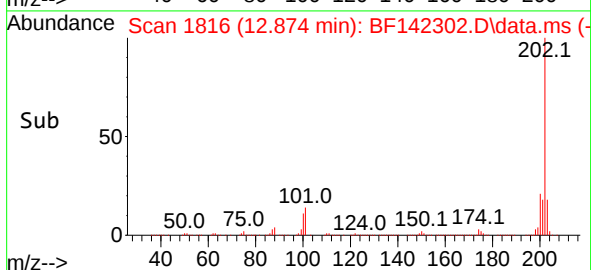
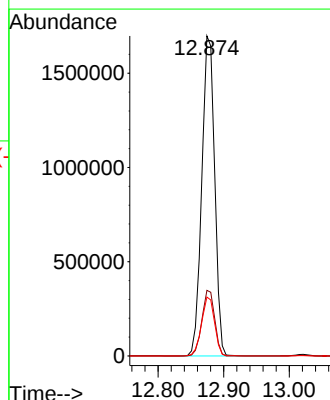
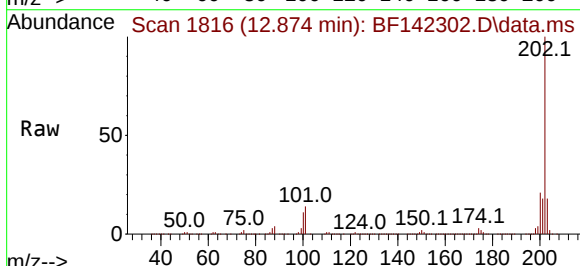
Tgt Ion:202 Resp: 2325631

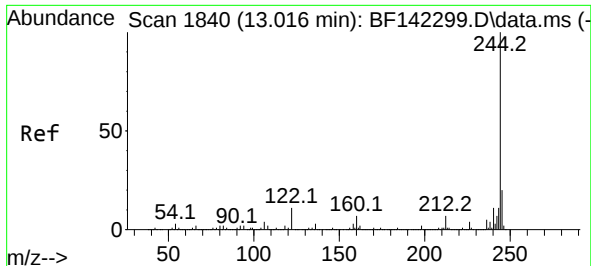
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.4

203 18.4 14.3 21.5

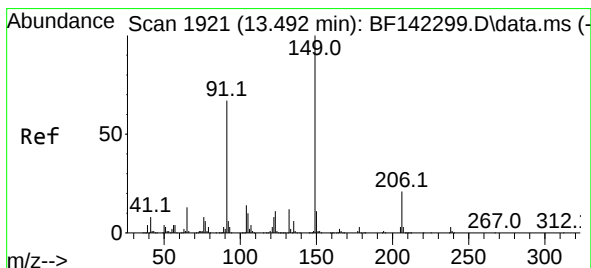
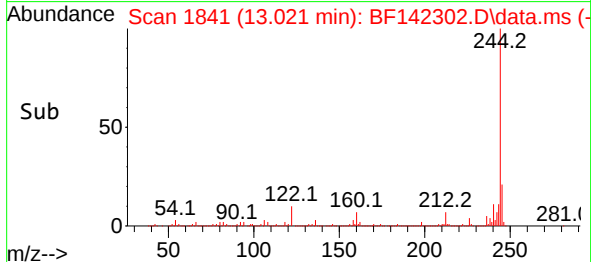
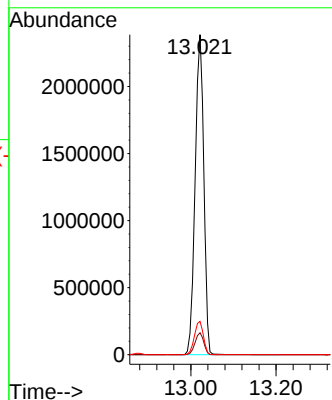
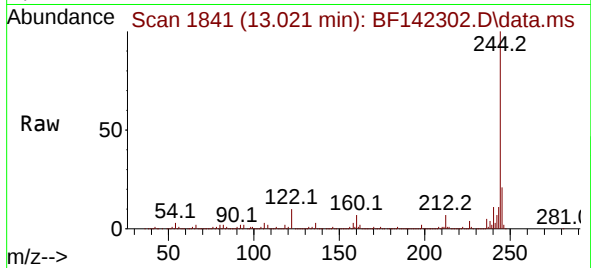




#79
 Terphenyl-d14
 Concen: 133.004 ng
 RT: 13.021 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF142302.D
 Acq: 05 May 2025 17:15

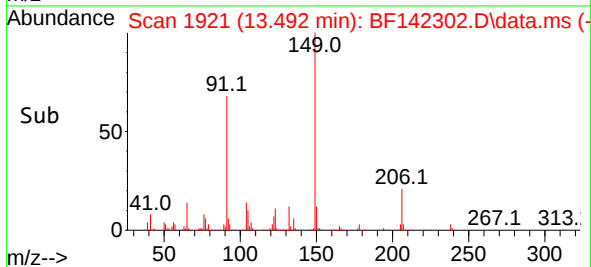
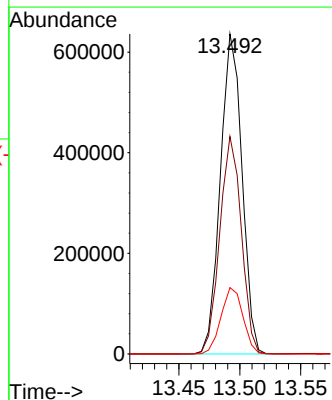
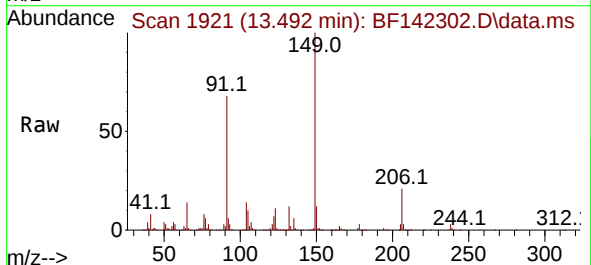
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

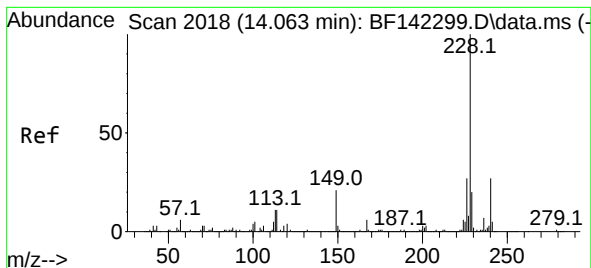
Tgt Ion:244 Resp: 3360156
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 78.621 ng
 RT: 13.492 min Scan# 1921
 Delta R.T. -0.000 min
 Lab File: BF142302.D
 Acq: 05 May 2025 17:15

Tgt Ion:149 Resp: 788213
 Ion Ratio Lower Upper
 149 100
 91 67.9 53.8 80.6
 206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 73.621 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

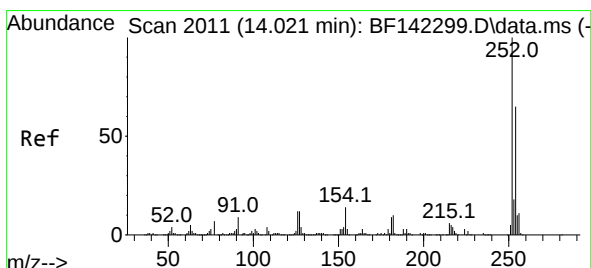
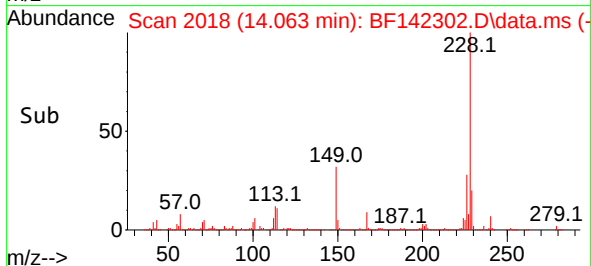
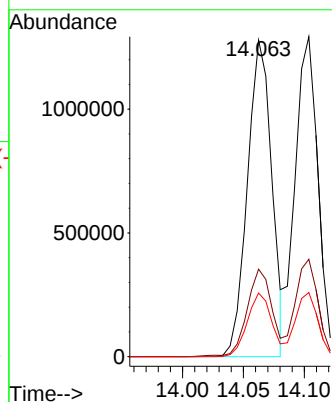
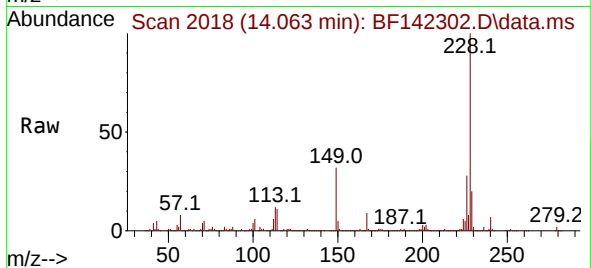
Tgt Ion:228 Resp: 1782801

Ion Ratio Lower Upper

228 100

226 27.7 21.5 32.3

229 20.1 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 84.217 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

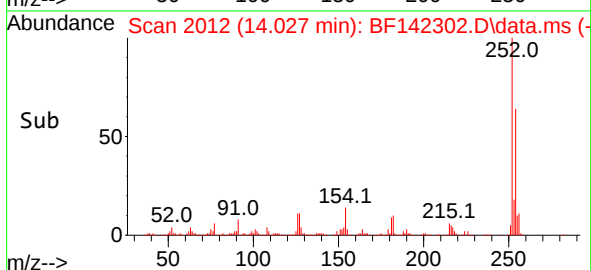
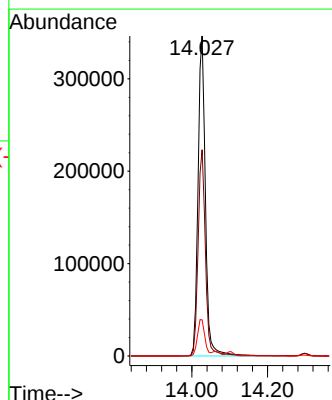
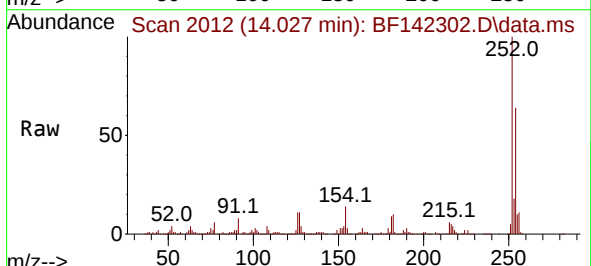
Tgt Ion:252 Resp: 474263

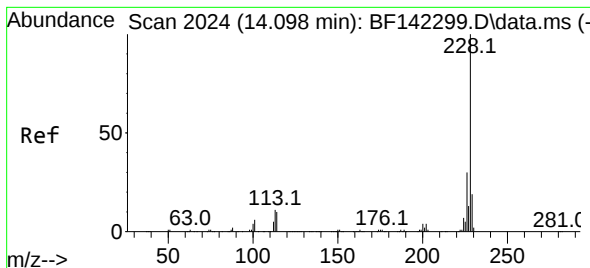
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 11.3 9.7 14.5





#83

Chrysene

Concen: 74.873 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

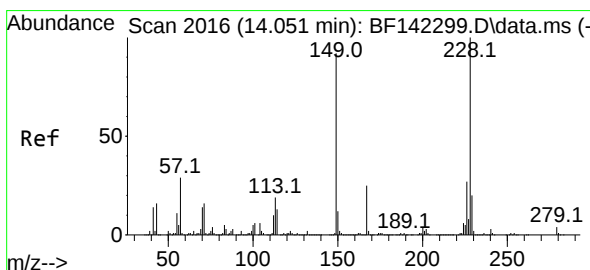
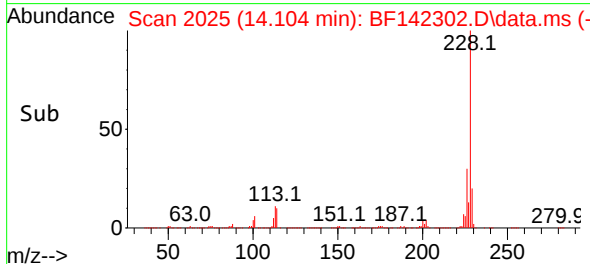
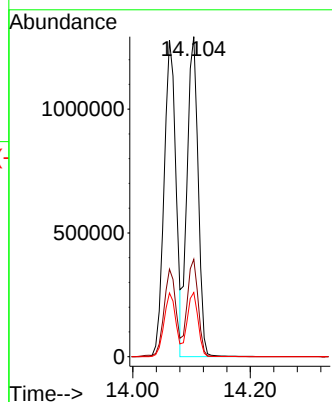
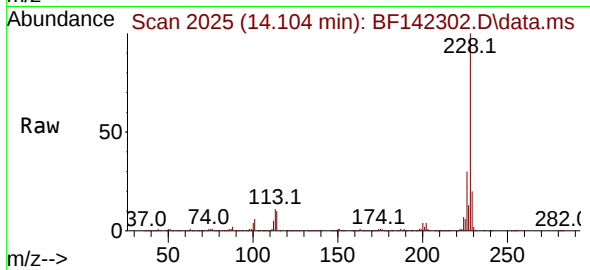
Tgt Ion:228 Resp: 1687889

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.404 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

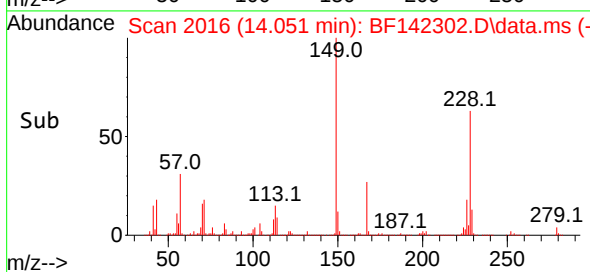
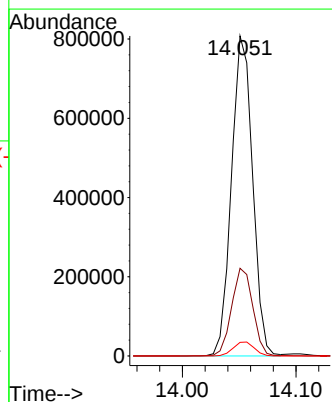
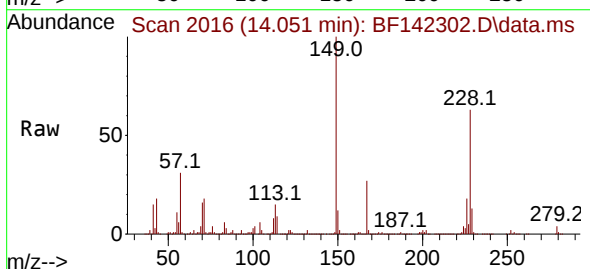
Tgt Ion:149 Resp: 1042846

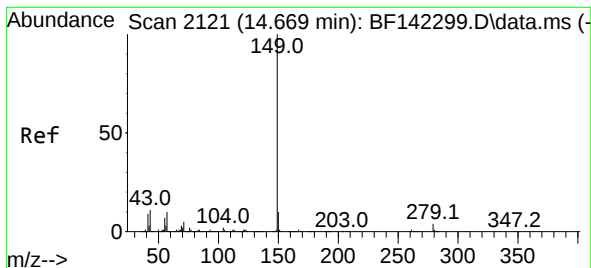
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 80.100 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.001 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

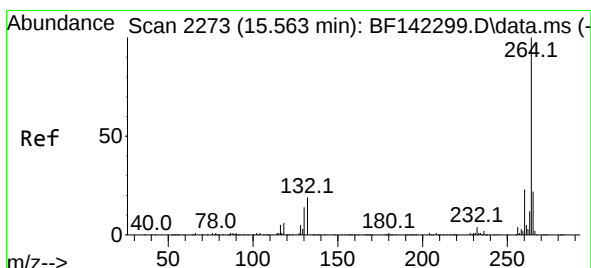
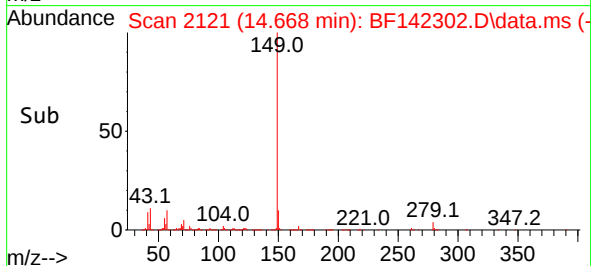
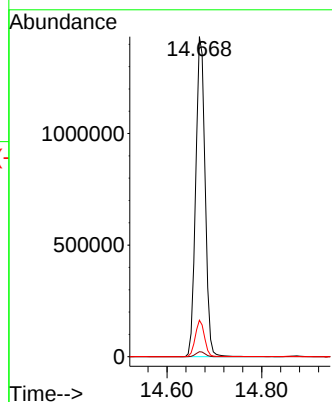
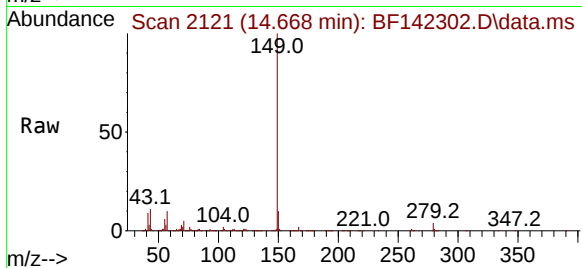
Tgt Ion:149 Resp: 1969676

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.000 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

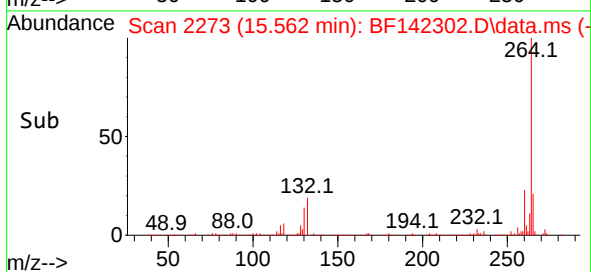
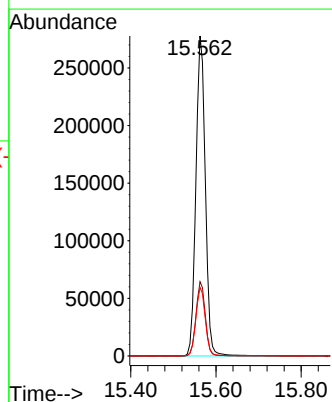
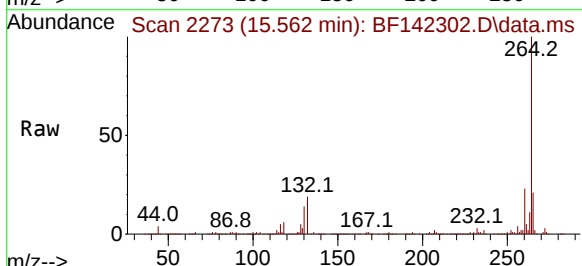
Tgt Ion:264 Resp: 426614

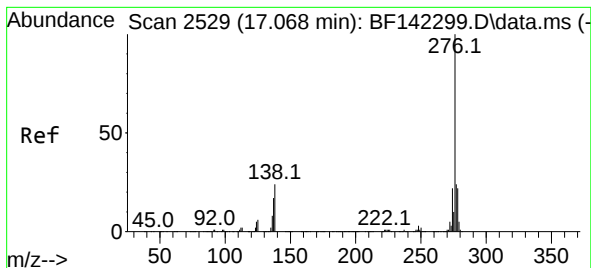
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 80.614 ng

RT: 17.086 min Scan# 2199

Delta R.T. 0.017 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

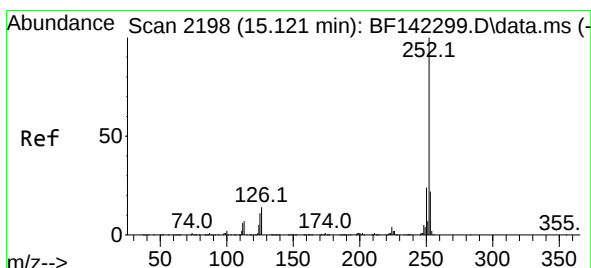
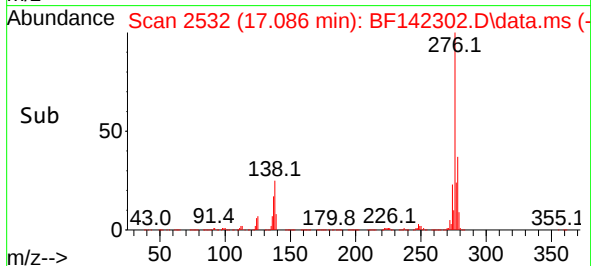
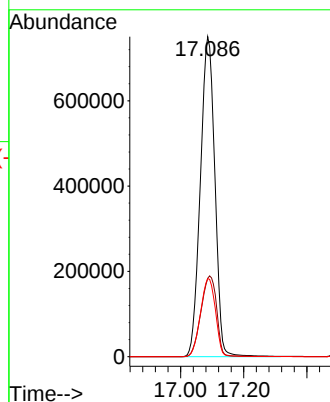
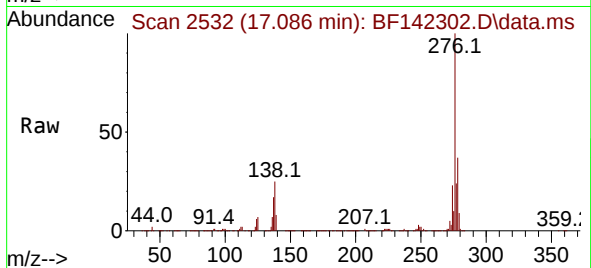
Tgt Ion:276 Resp: 2392344

Ion Ratio Lower Upper

276 100

138 27.3 22.0 33.0

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 76.350 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

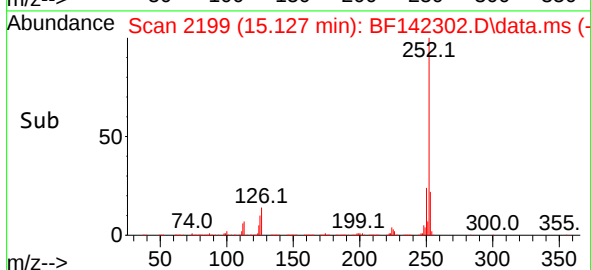
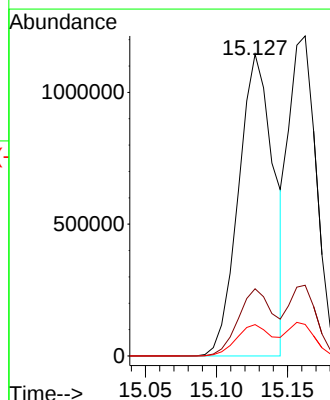
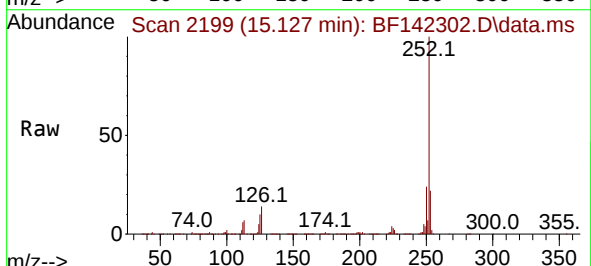
Tgt Ion:252 Resp: 1972745

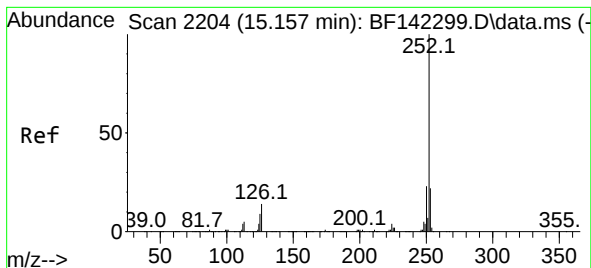
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 69.919 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

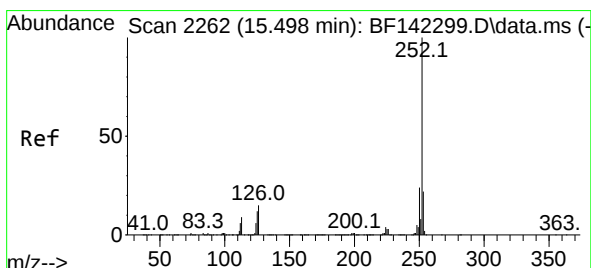
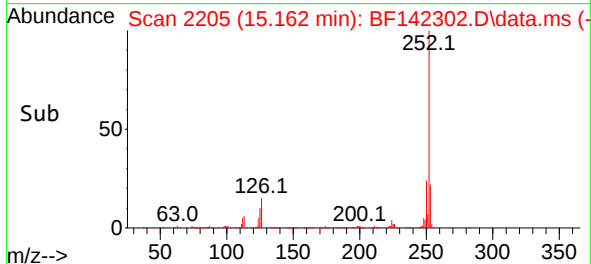
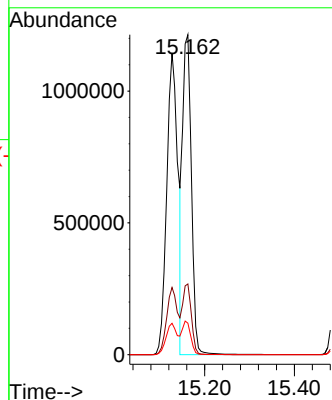
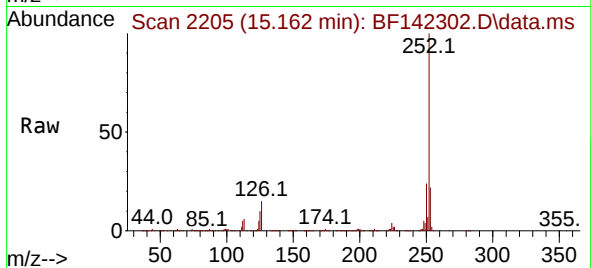
Tgt Ion:252 Resp: 1653244

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 77.653 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.006 min

Lab File: BF142302.D

Acq: 05 May 2025 17:15

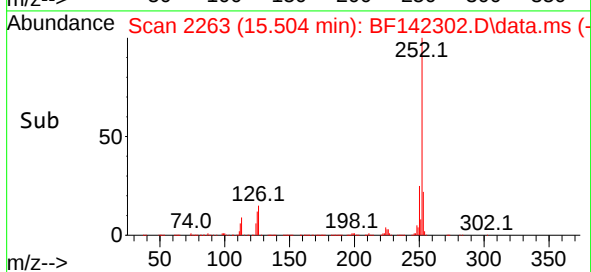
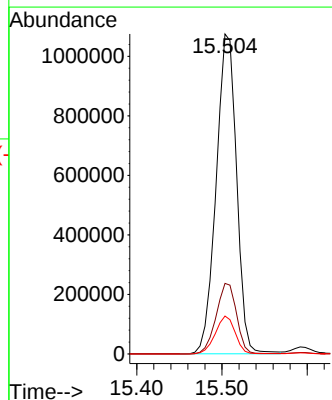
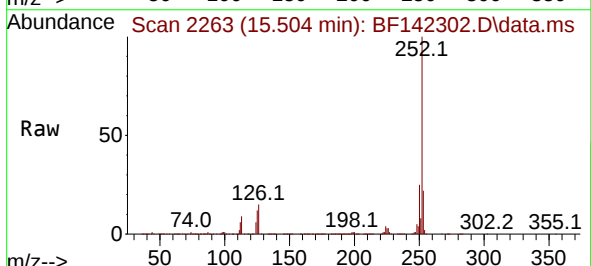
Tgt Ion:252 Resp: 1797975

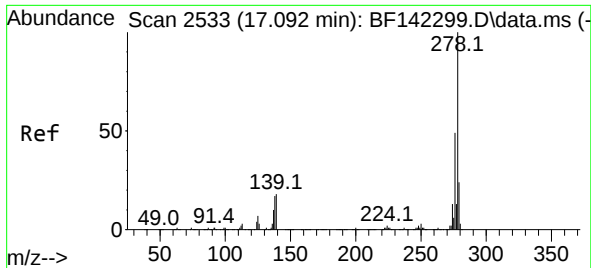
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.9 9.4 14.0

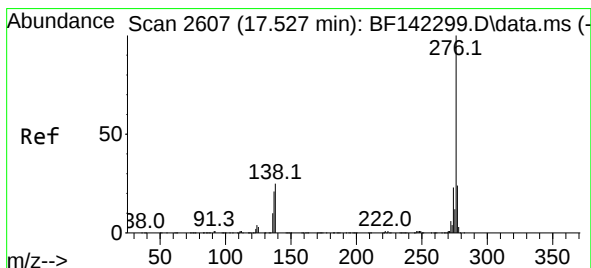
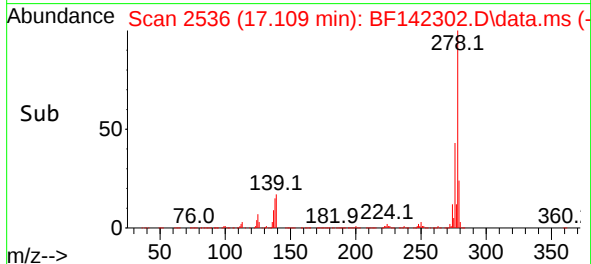
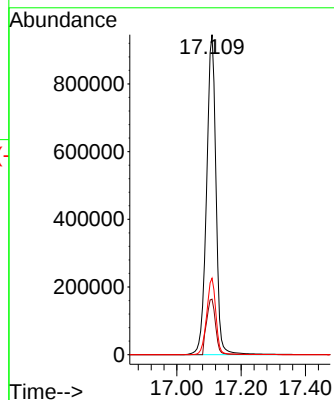
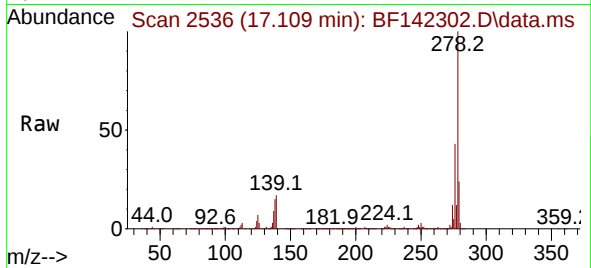




#91
Dibenzo(a,h)anthracene
Concen: 78.562 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1926135
Ion Ratio Lower Upper
278 100
139 17.4 14.5 21.7
279 23.9 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 80.182 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.023 min
Lab File: BF142302.D
Acq: 05 May 2025 17:15

Tgt Ion:276 Resp: 1951121
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 23.4 19.8 29.6

