

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
 Data File : BF142602.D
 Acq On : 04 Jun 2025 12:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 04 12:59:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	118699	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	454762	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	238732	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	393948	20.000	ng	0.00
76) Chrysene-d12	14.068	240	204352	20.000	ng	0.00
86) Perylene-d12	15.562	264	242845	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	548981	77.920	ng	0.00
7) Phenol-d6	6.528	99	652351	76.919	ng	0.00
23) Nitrobenzene-d5	7.463	82	629736	75.509	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	192130	72.512	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1295479	72.816	ng	-0.01
79) Terphenyl-d14	13.009	244	1062022	71.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	113085	40.111	ng	99
3) Pyridine	3.434	79	291336	40.579	ng	100
4) n-Nitrosodimethylamine	3.387	42	143627	38.529	ng	91
6) Aniline	6.557	93	443290	38.873	ng	98
8) 2-Chlorophenol	6.680	128	295016	38.443	ng	99
9) Benzaldehyde	6.445	77	187772	36.810	ng	99
10) Phenol	6.539	94	366652	38.421	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	264912	38.564	ng	100
12) 1,3-Dichlorobenzene	6.839	146	327542	38.250	ng	98
13) 1,4-Dichlorobenzene	6.916	146	331859	38.473	ng	98
14) 1,2-Dichlorobenzene	7.069	146	318278	38.562	ng	99
15) Benzyl Alcohol	7.039	79	234070	37.347	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	440471	38.182	ng	98
17) 2-Methylphenol	7.151	107	228649	38.162	ng	99
18) Hexachloroethane	7.410	117	112473	37.342	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	187979	35.763	ng	98
20) 3+4-Methylphenols	7.304	107	282080	36.765	ng	93
22) Acetophenone	7.304	105	371017	36.855	ng	96
24) Nitrobenzene	7.480	77	286461	38.084	ng	99
25) Isophorone	7.716	82	510230	36.592	ng	99
26) 2-Nitrophenol	7.798	139	153765	38.258	ng	96
27) 2,4-Dimethylphenol	7.833	122	269485	38.021	ng	99
28) bis(2-Chloroethoxy)met...	7.927	93	327803	37.634	ng	99
29) 2,4-Dichlorophenol	8.039	162	248919	38.617	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	264670	37.834	ng	98
31) Naphthalene	8.204	128	852426	38.068	ng	100
32) Benzoic acid	7.933	122	158349m	36.701	ng	
33) 4-Chloroaniline	8.251	127	346639	38.203	ng	98
34) Hexachlorobutadiene	8.322	225	161618	37.001	ng	99
35) Caprolactam	8.616	113	68535	37.857	ng	97
36) 4-Chloro-3-methylphenol	8.727	107	244876	37.069	ng	98
37) 2-Methylnaphthalene	8.892	142	519756	36.895	ng	99
38) 1-Methylnaphthalene	8.992	142	539212	37.004	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	265705	38.772	ng	99
41) Hexachlorocyclopentadiene	9.045	237	163607	35.390	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	178193	38.561	ng	96

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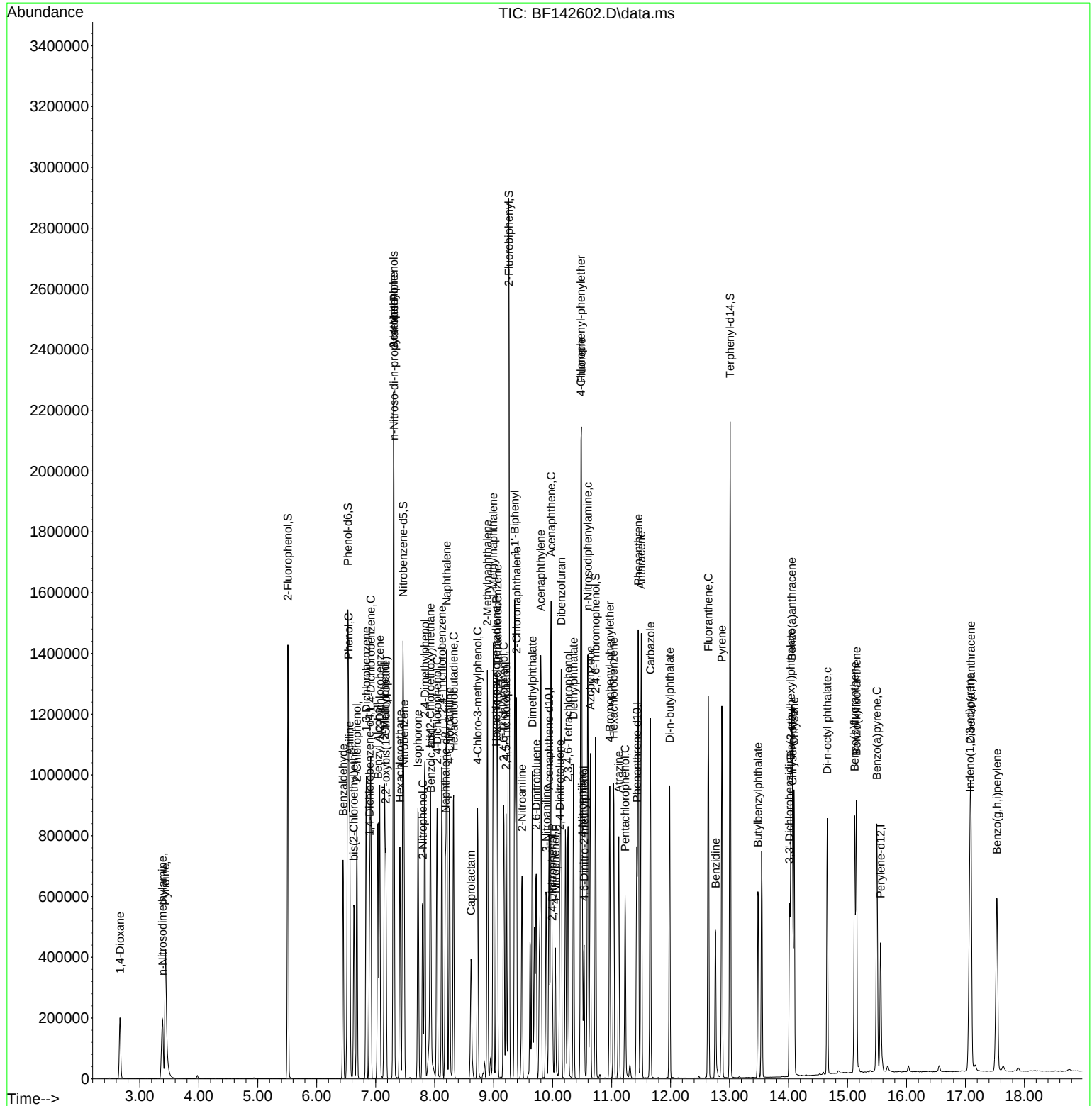
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184599	37.877	ng	98
46) 1,1'-Biphenyl	9.357	154	697233	37.645	ng	99
47) 2-Chloronaphthalene	9.386	162	520250	38.018	ng	98
48) 2-Nitroaniline	9.480	65	152336	38.514	ng	96
49) Acenaphthylene	9.798	152	875741	37.900	ng	100
50) Dimethylphthalate	9.657	163	586529	37.234	ng	99
51) 2,6-Dinitrotoluene	9.721	165	129876	38.201	ng	96
52) Acenaphthene	9.974	154	528629	37.466	ng	99
53) 3-Nitroaniline	9.892	138	145534	39.191	ng	95
54) 2,4-Dinitrophenol	9.992	184	63055	35.898	ng	# 83
55) Dibenzofuran	10.145	168	763801	37.618	ng	98
56) 4-Nitrophenol	10.045	139	100887	36.821	ng	98
57) 2,4-Dinitrotoluene	10.121	165	170719	38.449	ng	99
58) Fluorene	10.486	166	589914	37.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	153400	37.704	ng	98
60) Diethylphthalate	10.357	149	559057	36.339	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	283181	36.750	ng	95
62) 4-Nitroaniline	10.504	138	131390	39.013	ng	96
63) Azobenzene	10.639	77	515846	37.331	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	87089	39.612	ng	96
66) n-Nitrosodiphenylamine	10.598	169	510277	37.861	ng	99
67) 4-Bromophenyl-phenylether	10.968	248	174398	37.439	ng	98
68) Hexachlorobenzene	11.033	284	194341	37.721	ng	99
69) Atrazine	11.121	200	134435	37.559	ng	99
70) Pentachlorophenol	11.227	266	104811	36.033	ng	99
71) Phenanthrene	11.451	178	788124	37.435	ng	100
72) Anthracene	11.504	178	815543	37.956	ng	100
73) Carbazole	11.657	167	698206	38.010	ng	100
74) Di-n-butylphthalate	11.986	149	720252	35.822	ng	100
75) Fluoranthene	12.639	202	727045	36.958	ng	99
77) Benzidine	12.762	184	302958	39.839	ng	98
78) Pyrene	12.868	202	714815	37.497	ng	100
80) Butylbenzylphthalate	13.480	149	213147	40.465	ng	100
81) Benzo(a)anthracene	14.056	228	506384	37.109	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	177988	43.004	ng	99
83) Chrysene	14.092	228	465406	37.957	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	308685	45.778	ng	100
85) Di-n-octyl phthalate	14.656	149	572594	43.428	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	654088	35.877	ng	98
88) Benzo(b)fluoranthene	15.121	252	585519	40.738	ng	98
89) Benzo(k)fluoranthene	15.151	252	448939	33.350	ng	99
90) Benzo(a)pyrene	15.498	252	515945	38.084	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	527220	35.656	ng	98
92) Benzo(g,h,i)perylene	17.533	276	521791	35.281	ng	97

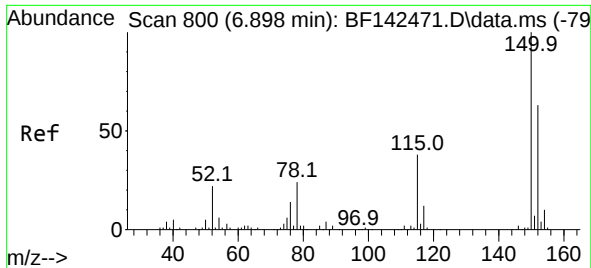
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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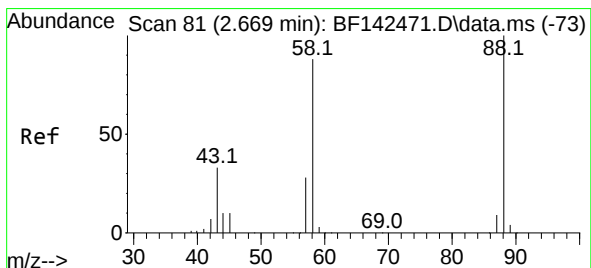
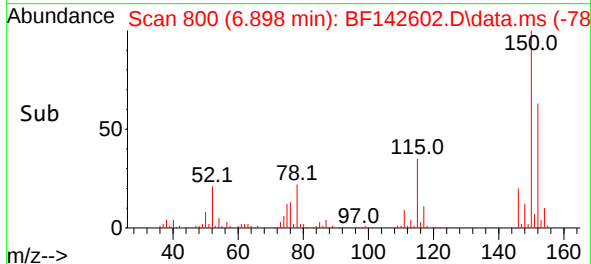
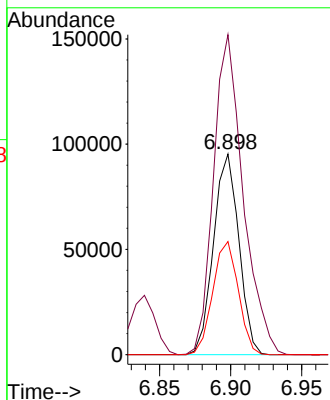
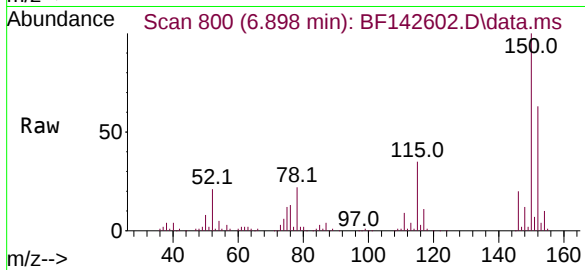




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142602.D
 Acq: 04 Jun 2025 12:27

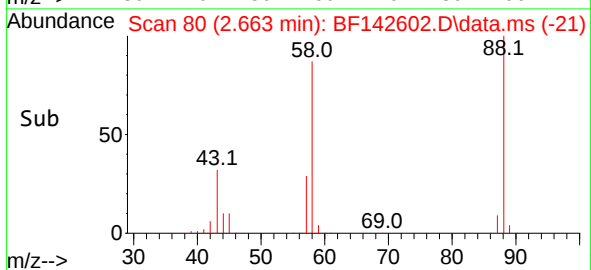
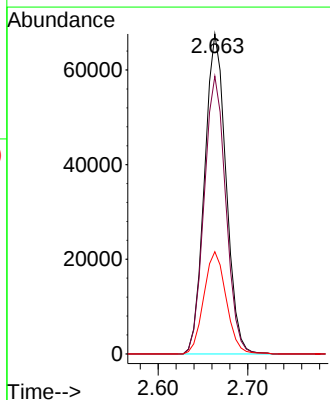
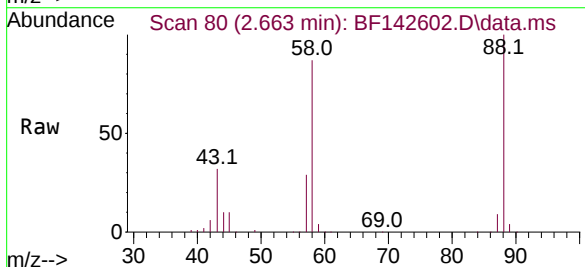
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

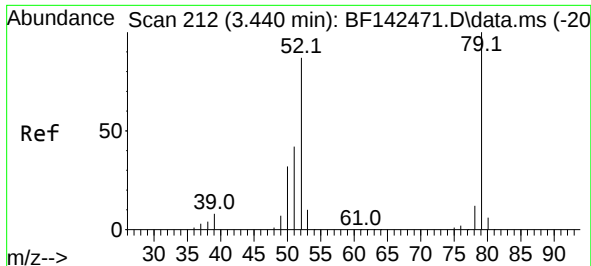
Tgt Ion:152 Resp: 118699
 Ion Ratio Lower Upper
 152 100
 150 159.5 128.2 192.4
 115 56.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 40.111 ng
 RT: 2.663 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF142602.D
 Acq: 04 Jun 2025 12:27

Tgt Ion: 88 Resp: 113085
 Ion Ratio Lower Upper
 88 100
 58 87.3 70.8 106.2
 43 33.2 26.6 40.0





#3

Pyridine

Concen: 40.579 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

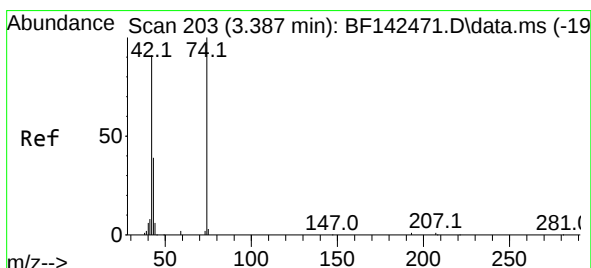
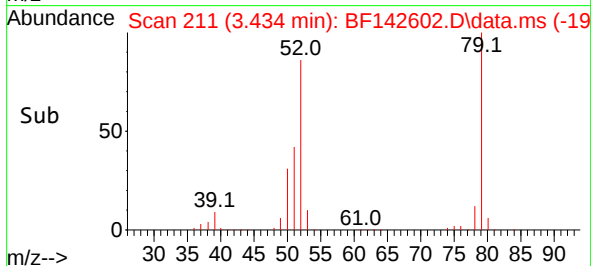
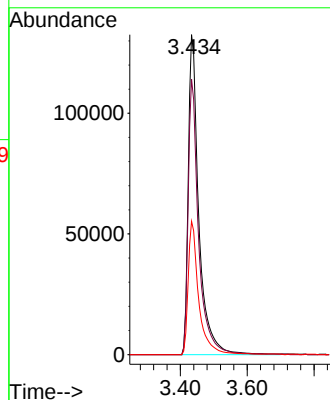
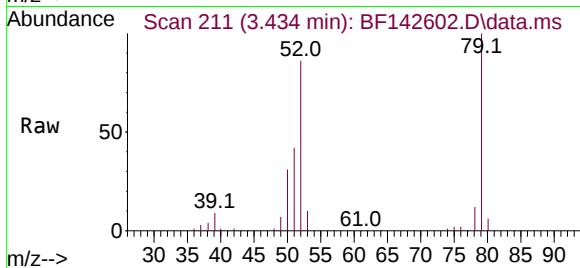
Tgt Ion: 79 Resp: 291336

Ion Ratio Lower Upper

79 100

52 86.1 69.2 103.8

51 41.7 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 38.529 ng

RT: 3.387 min Scan# 203

Delta R.T. -0.018 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

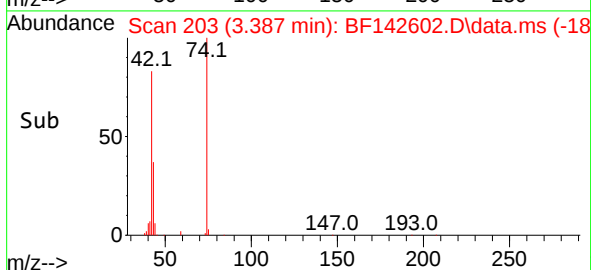
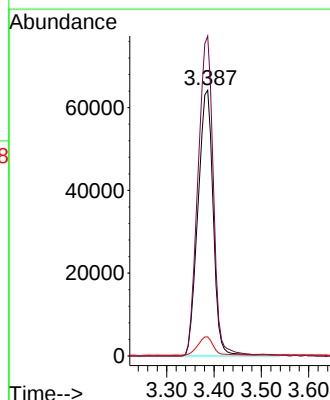
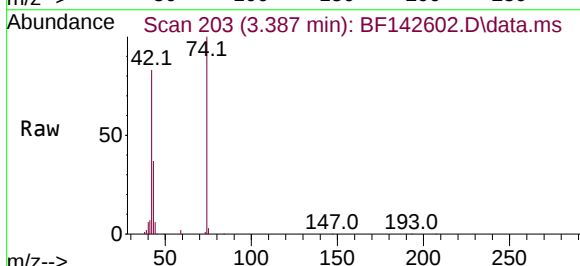
Tgt Ion: 42 Resp: 143627

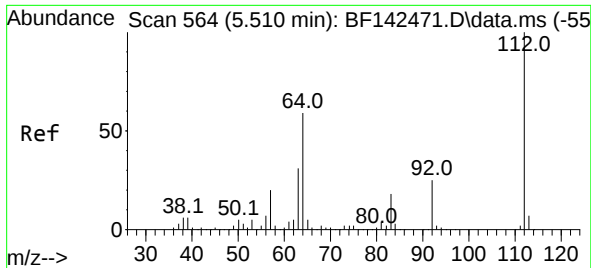
Ion Ratio Lower Upper

42 100

74 120.4 88.2 132.4

44 7.1 5.4 8.2

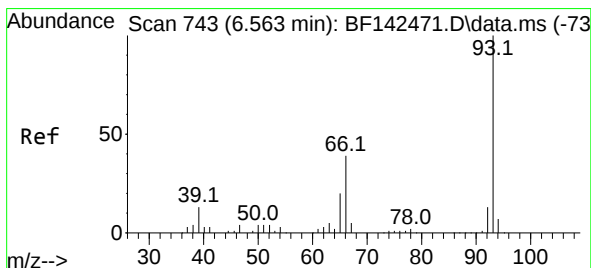
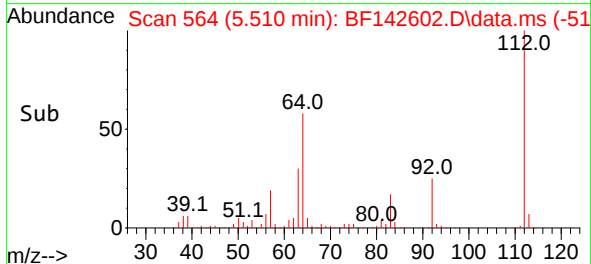
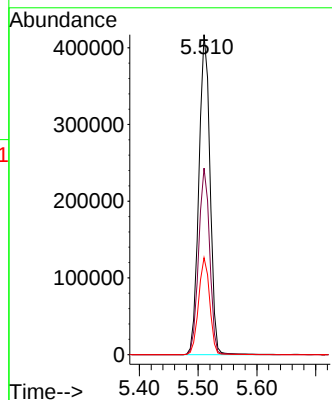
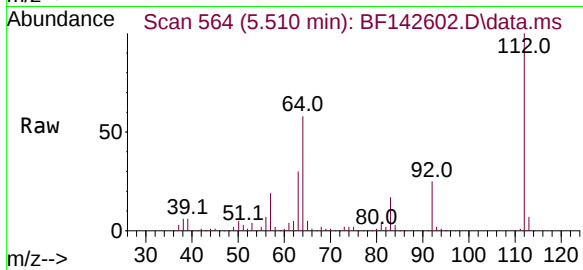




#5
2-Fluorophenol
Concen: 77.920 ng
RT: 5.510 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

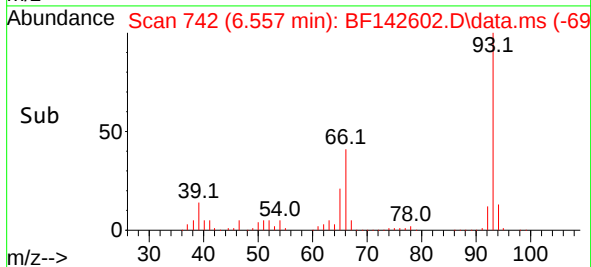
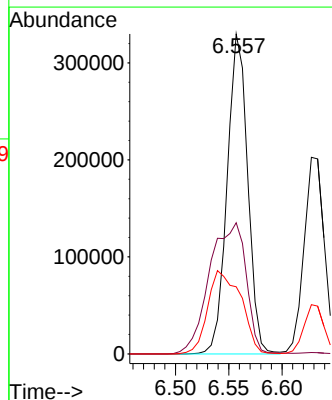
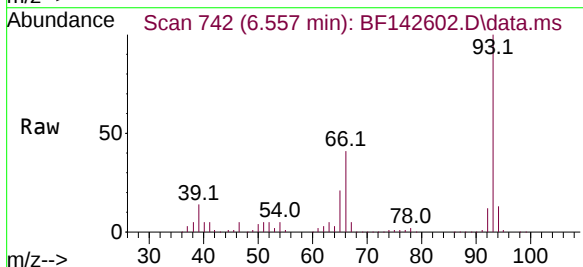
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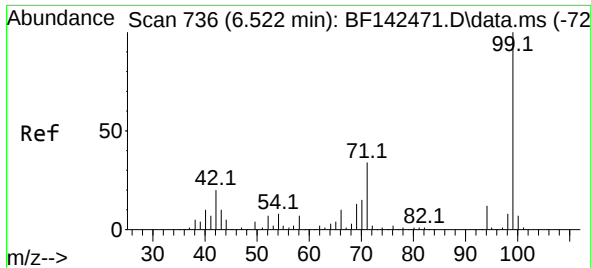
Tgt Ion:112 Resp: 548981
Ion Ratio Lower Upper
112 100
64 58.3 47.5 71.3
63 30.3 24.9 37.3



#6
Aniline
Concen: 38.873 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 93 Resp: 443290
Ion Ratio Lower Upper
93 100
66 41.0 32.0 48.0
65 21.0 16.1 24.1





#7

Phenol-d6

Concen: 76.919 ng

RT: 6.528 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

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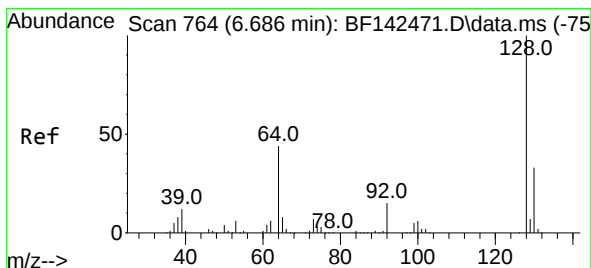
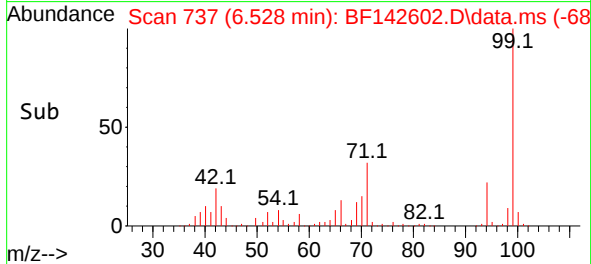
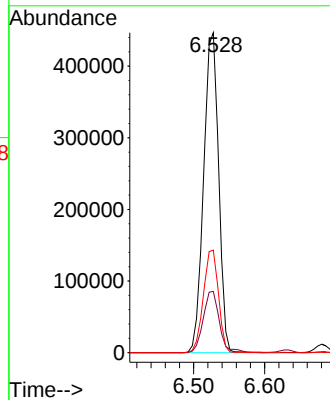
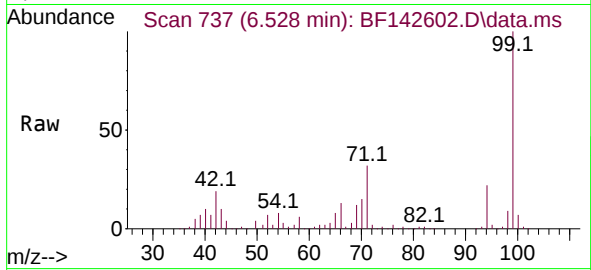
Tgt Ion: 99 Resp: 652351

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 32.0 27.3 40.9



#8

2-Chlorophenol

Concen: 38.443 ng

RT: 6.680 min Scan# 763

Delta R.T. -0.006 min

Lab File: BF142602.D

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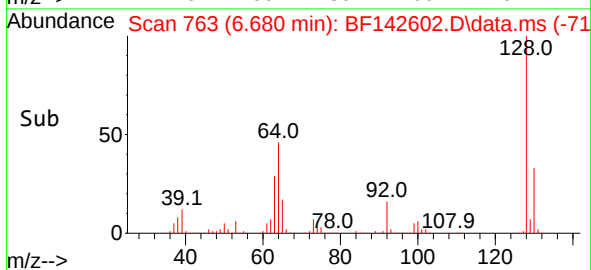
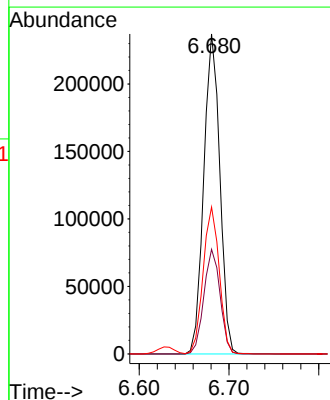
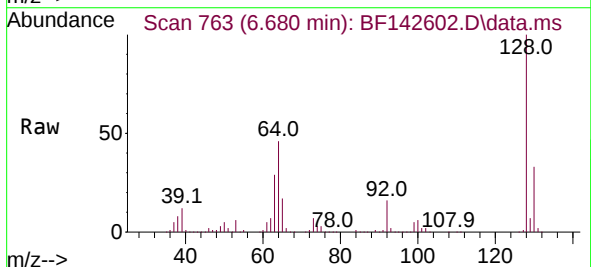
Tgt Ion:128 Resp: 295016

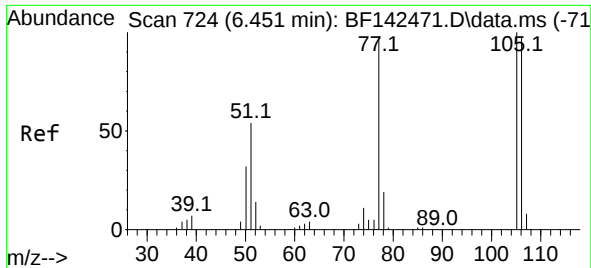
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 45.9 25.1 65.1





#9

Benzaldehyde

Concen: 36.810 ng

RT: 6.445 min Scan# 724

Delta R.T. -0.006 min

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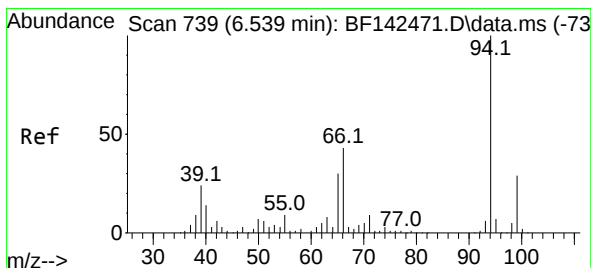
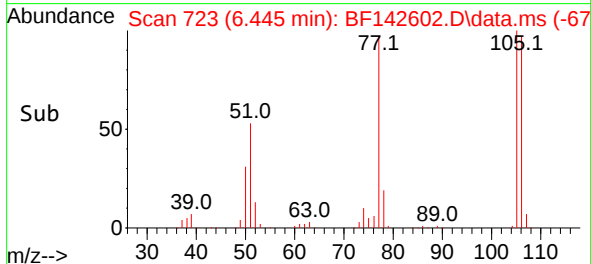
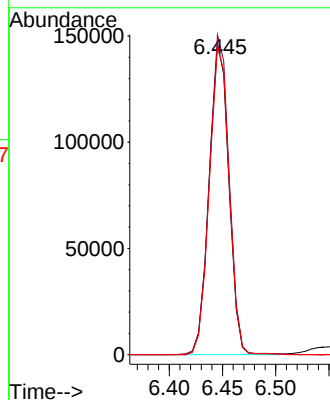
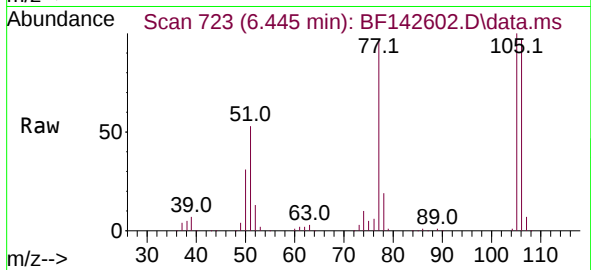
Tgt Ion: 77 Resp: 187772

Ion Ratio Lower Upper

77 100

105 102.7 82.5 122.5

106 99.2 80.0 120.0



#10

Phenol

Concen: 38.421 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF142602.D

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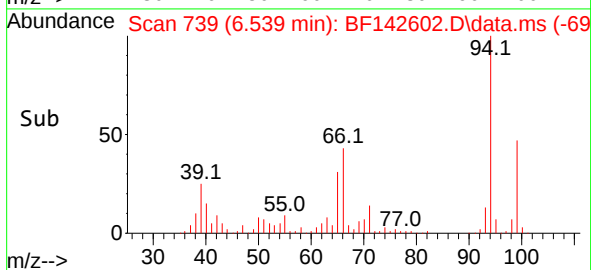
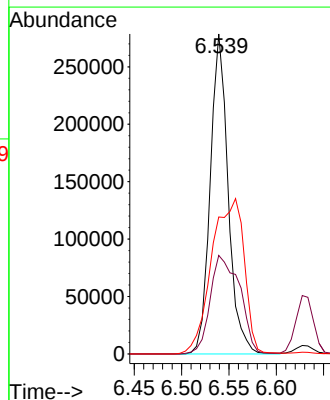
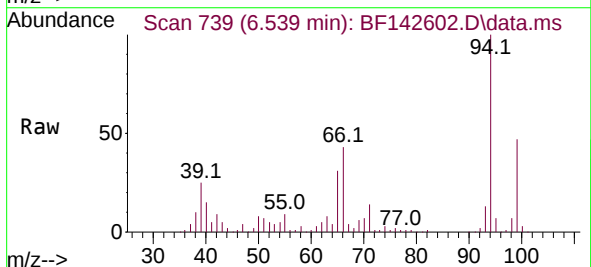
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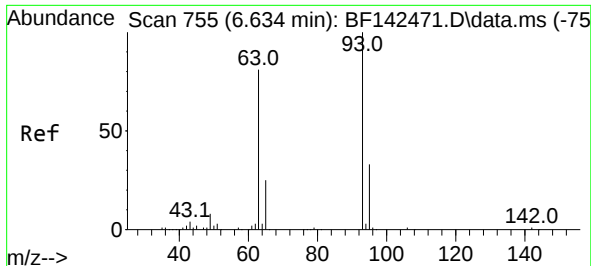
Ion Ratio Lower Upper

94 100

65 30.8 10.3 50.3

66 42.8 22.6 62.6

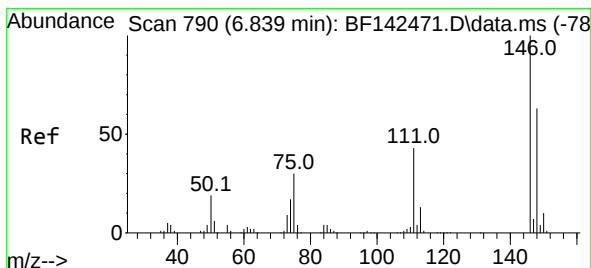
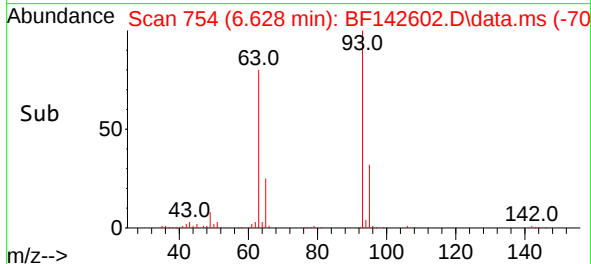
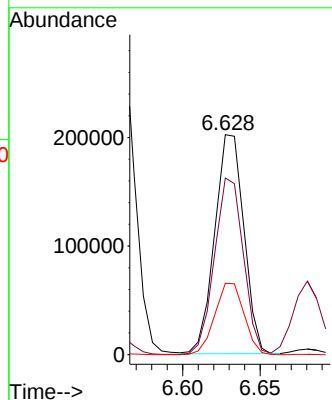
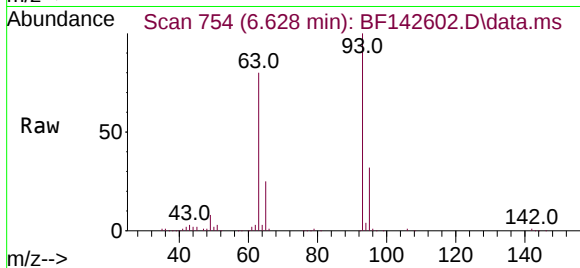




#11
bis(2-Chloroethyl)ether
Concen: 38.564 ng
RT: 6.628 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

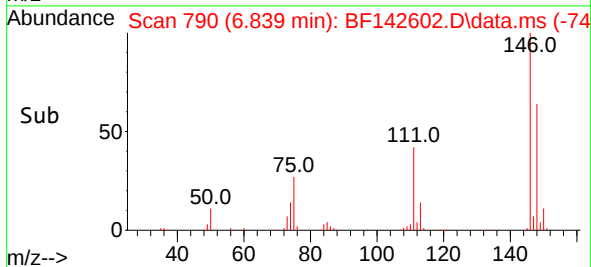
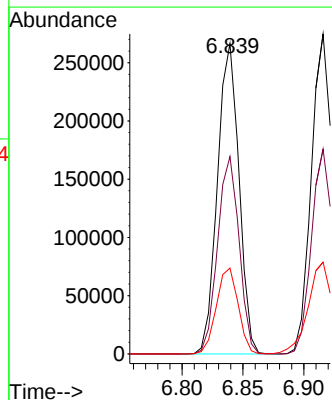
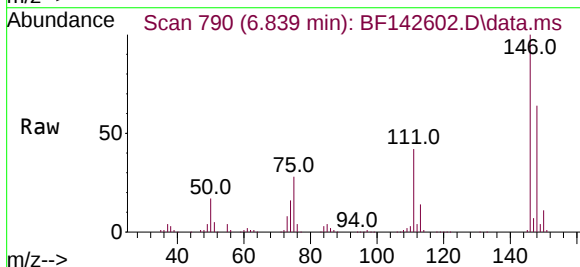
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

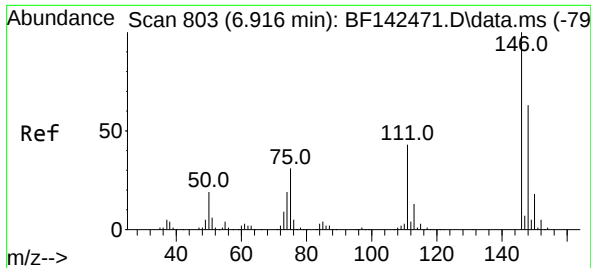
Tgt Ion: 93	Resp: 264912
Ion Ratio	Lower Upper
93 100	
63 80.3	60.2 100.2
95 32.4	12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.250 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:146	Resp: 327542		
Ion Ratio	Lower	Upper	
146 100			
148 63.6	50.6	75.8	
75 27.6	23.8	35.6	

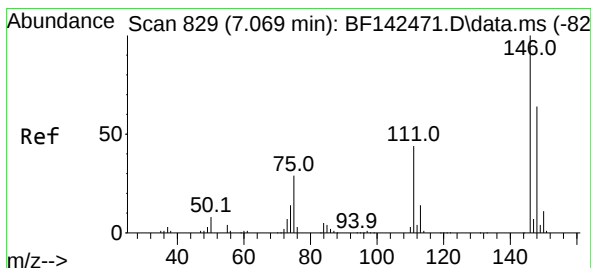
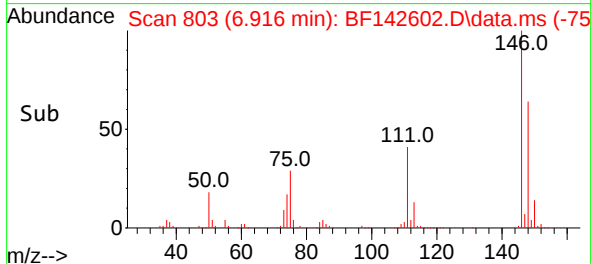
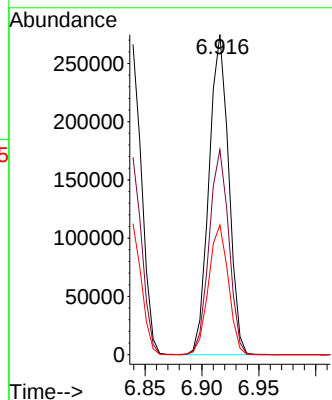
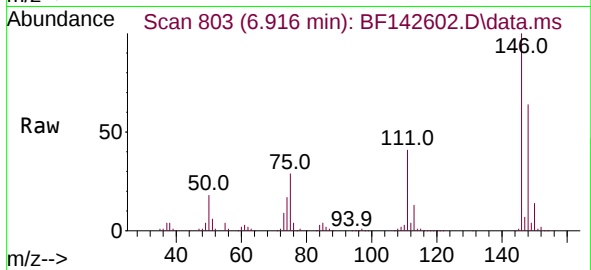




#13
1,4-Dichlorobenzene
Concen: 38.473 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

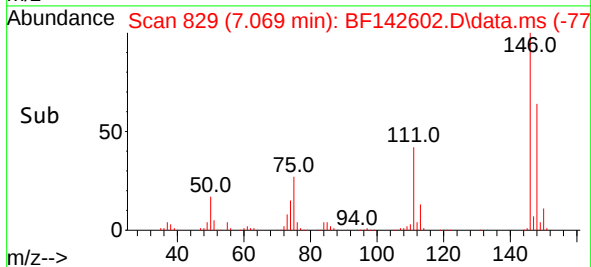
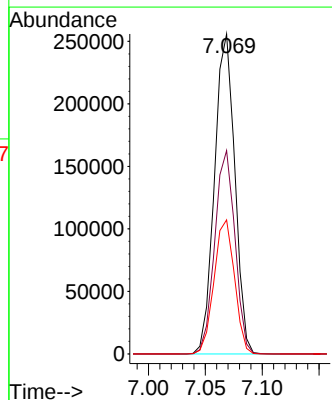
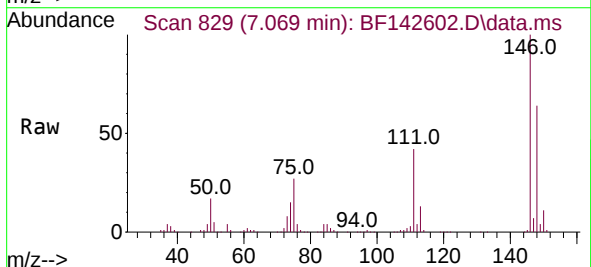
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

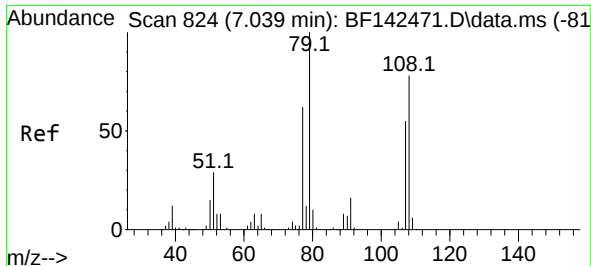
Tgt Ion:146 Resp: 331859
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 40.5 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 38.562 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:146 Resp: 318278
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
111 41.9 35.0 52.6

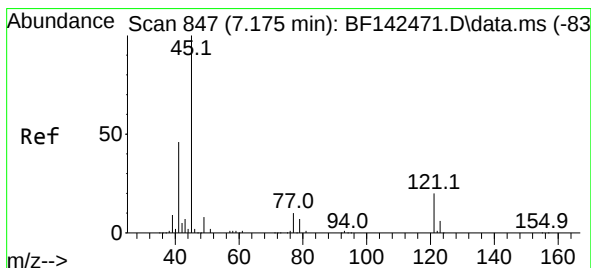
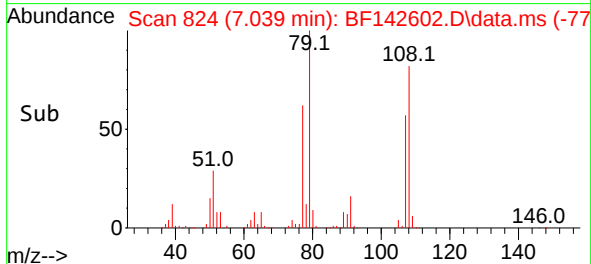
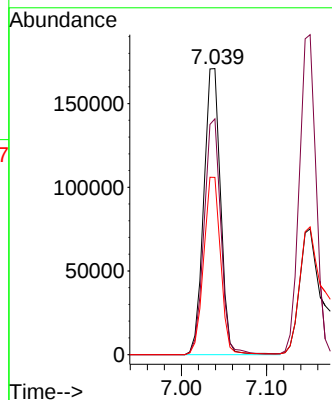
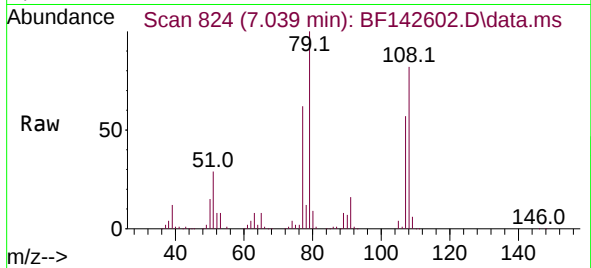




#15
Benzyl Alcohol
Concen: 37.347 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

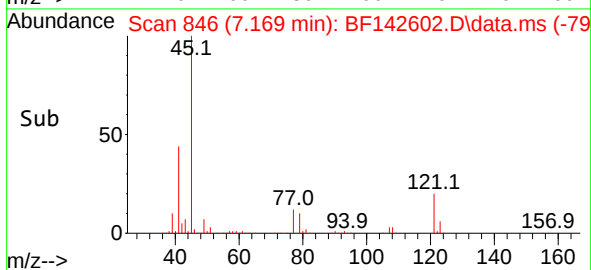
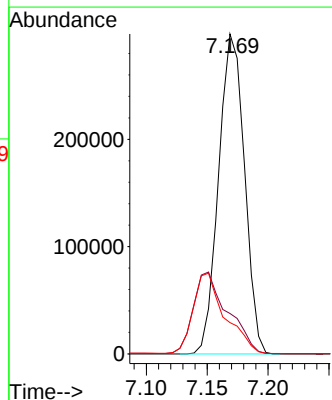
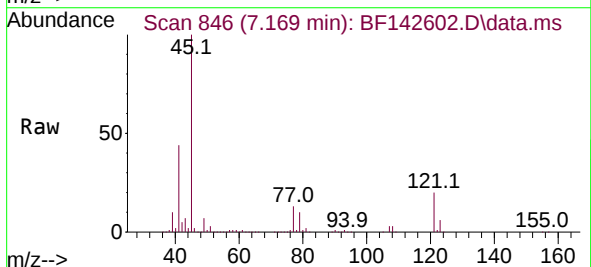
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

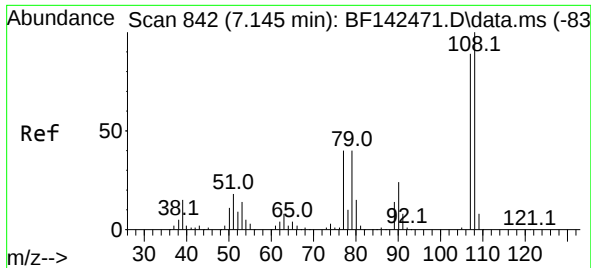
Tgt Ion: 79 Resp: 234070
Ion Ratio Lower Upper
79 100
108 82.4 62.1 93.1
77 62.0 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.182 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 45 Resp: 440471
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.0
79 9.8 0.0 29.2

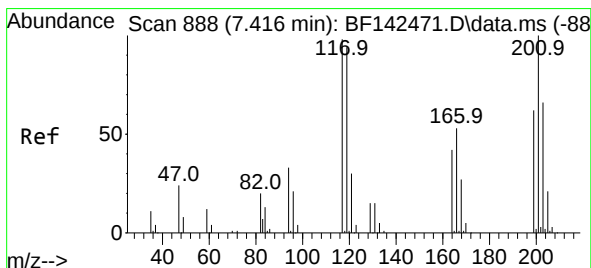
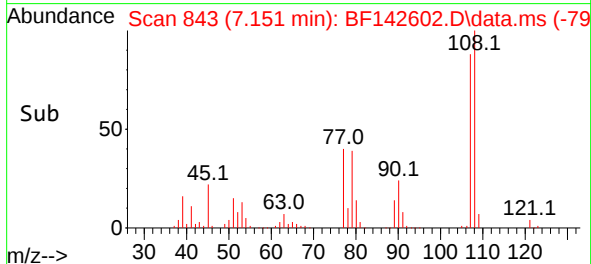
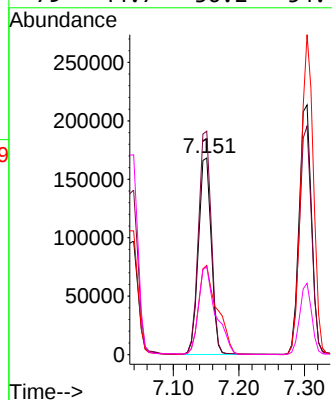
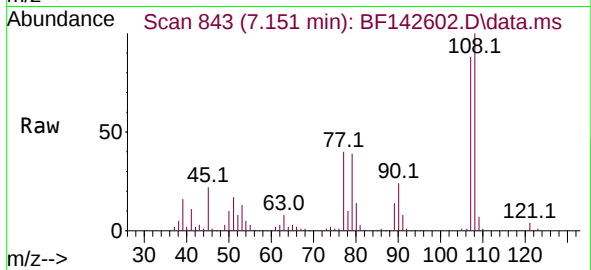




#17
2-Methylphenol
Concen: 38.162 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

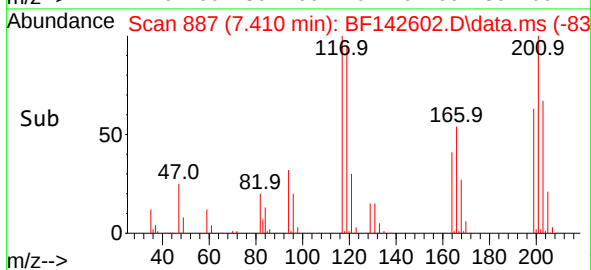
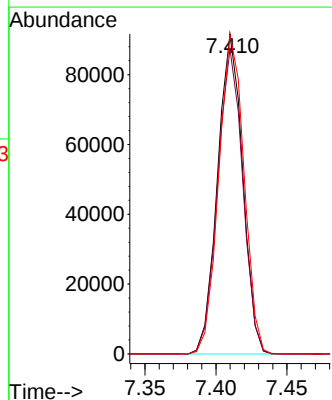
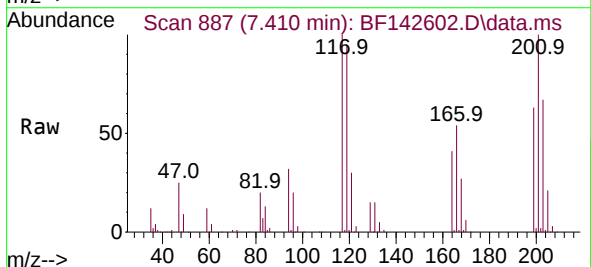
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

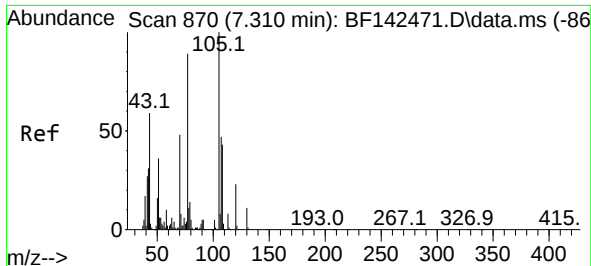
Tgt Ion:107	Resp: 228649
Ion Ratio	Lower Upper
107	100
108	113.7 90.2 135.2
77	45.4 36.1 54.1
79	44.7 36.2 54.4



#18
Hexachloroethane
Concen: 37.342 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:117	Resp: 112473
Ion Ratio	Lower Upper
117	100
119	95.3 76.6 114.8
201	99.8 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 35.763 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142602.D

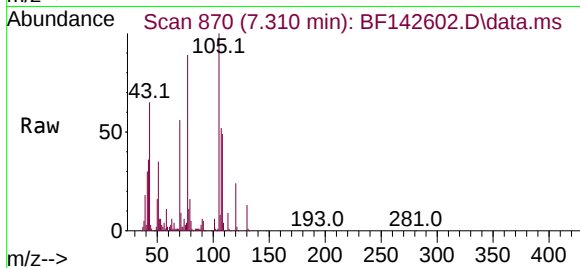
Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 187979

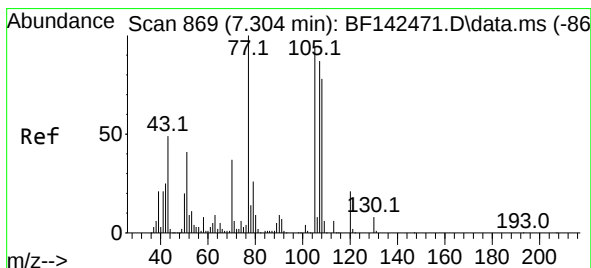
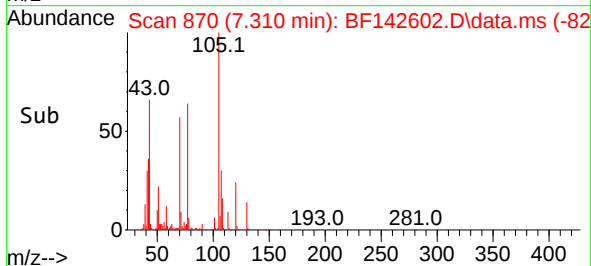
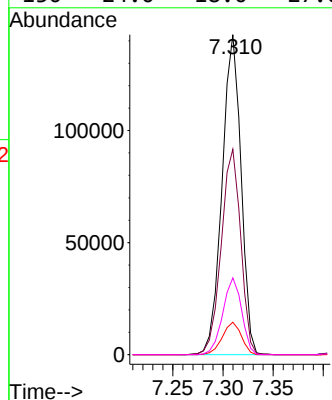
Ion Ratio Lower Upper

70 100

42 64.2 52.4 78.6

101 10.1 7.8 11.8

130 24.0 18.0 27.0



#20

3+4-Methylphenols

Concen: 36.765 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Tgt Ion: 107 Resp: 282080

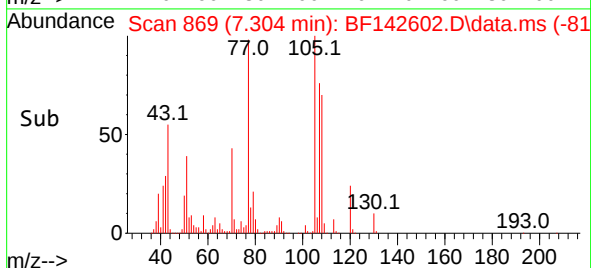
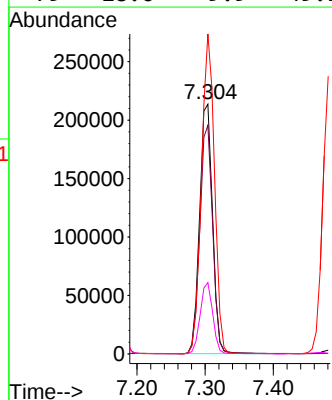
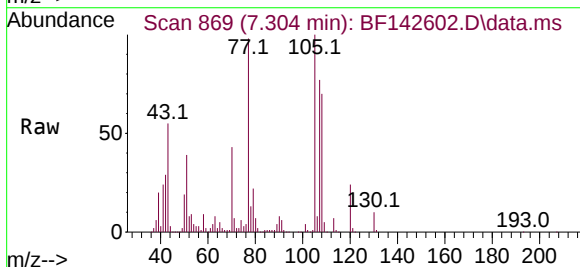
Ion Ratio Lower Upper

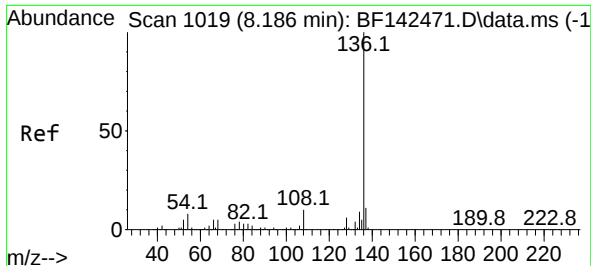
107 100

108 91.5 70.4 110.4

77 128.1 95.4 135.4

79 28.6 9.9 49.9

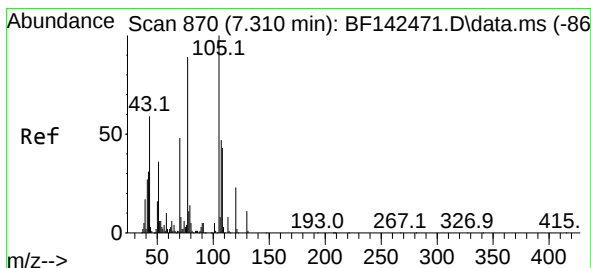
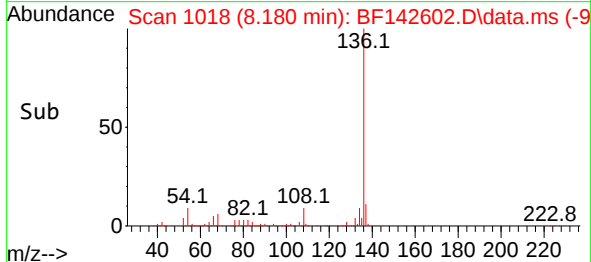
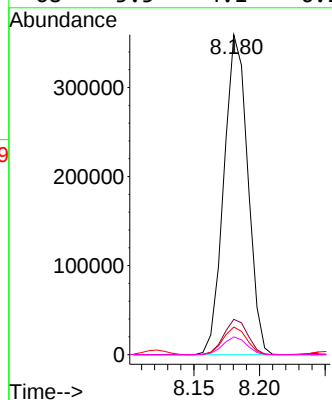
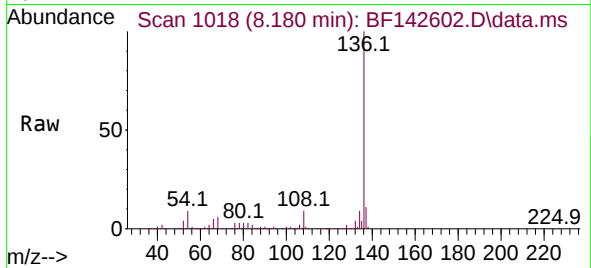




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

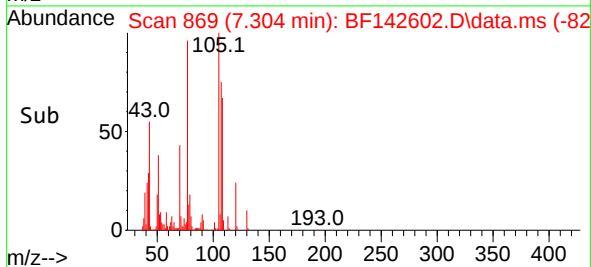
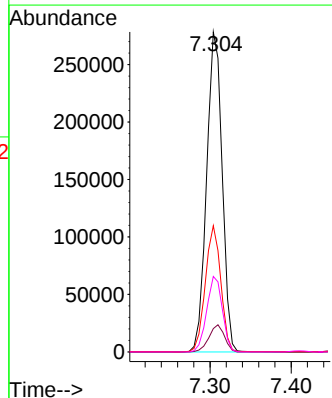
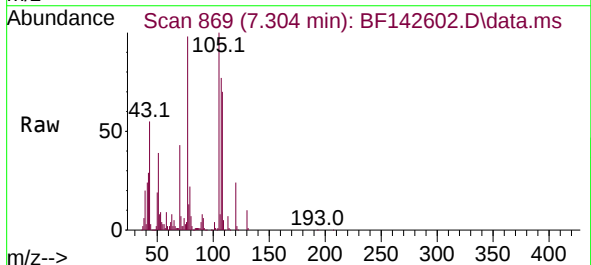
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

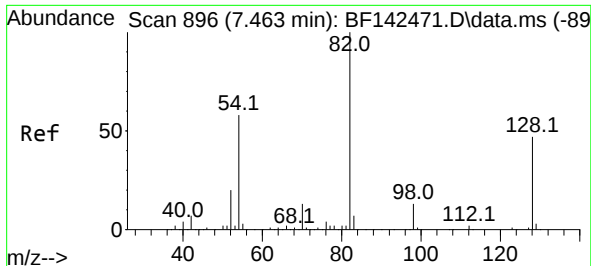
Tgt Ion:136 Resp: 454762
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.6 10.0
68 5.5 4.1 6.1



#22
Acetophenone
Concen: 36.855 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:105 Resp: 371017
Ion Ratio Lower Upper
105 100
71 7.3 6.4 9.6
51 39.4 28.6 42.8
120 23.6 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.509 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

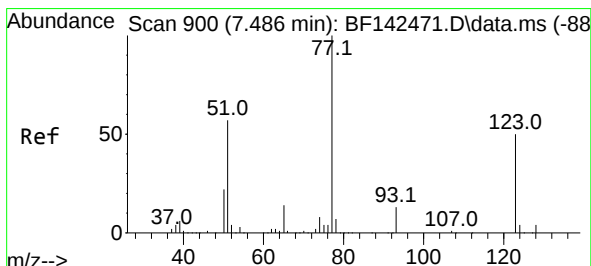
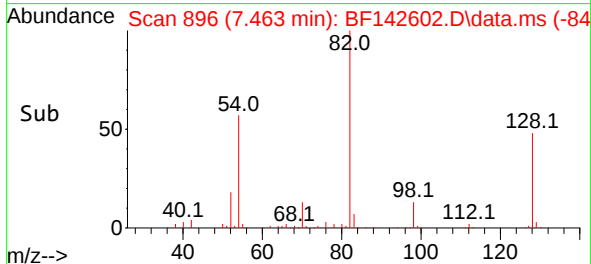
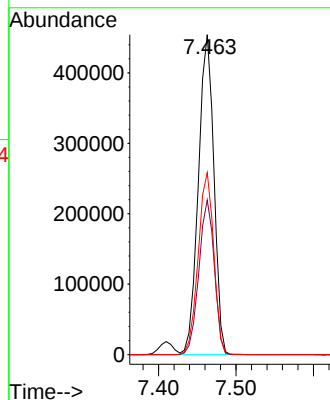
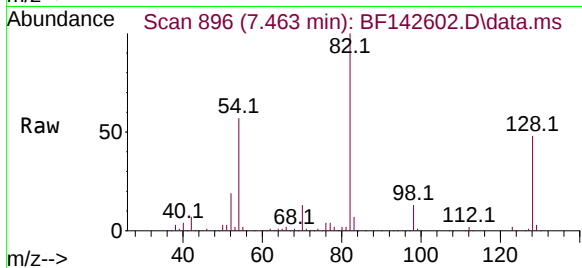
Tgt Ion: 82 Resp: 629736

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 56.9 46.6 70.0



#24

Nitrobenzene

Concen: 38.084 ng

RT: 7.480 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

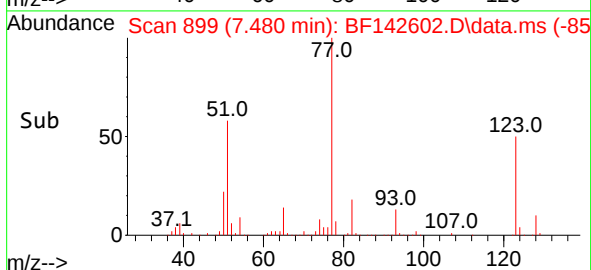
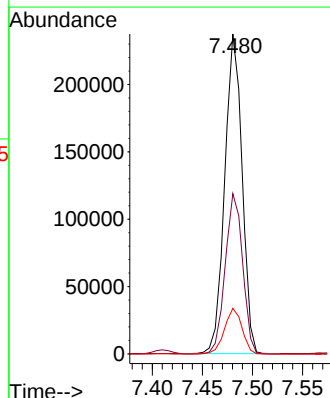
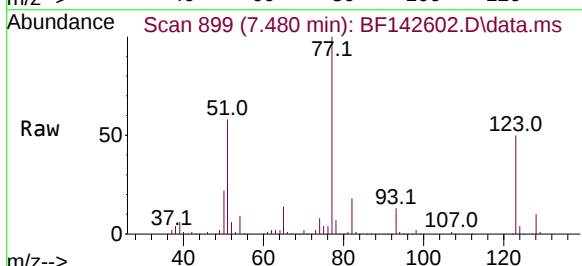
Tgt Ion: 77 Resp: 286461

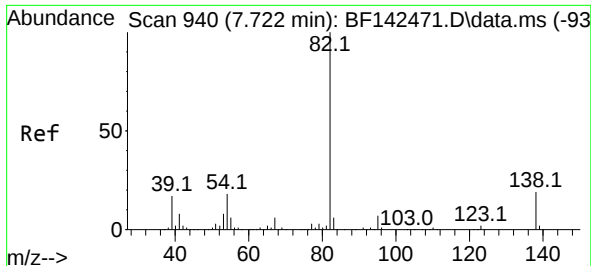
Ion Ratio Lower Upper

77 100

123 50.1 40.6 61.0

65 14.2 11.4 17.2

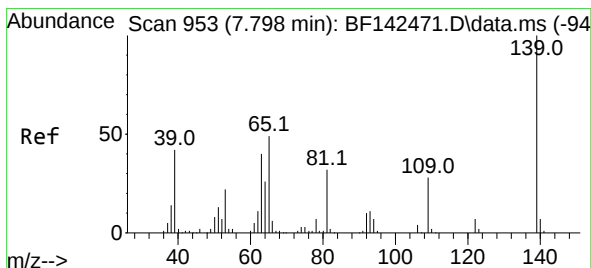
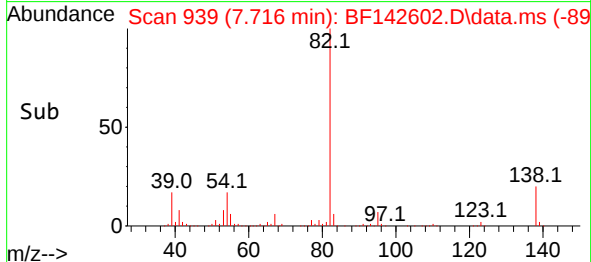
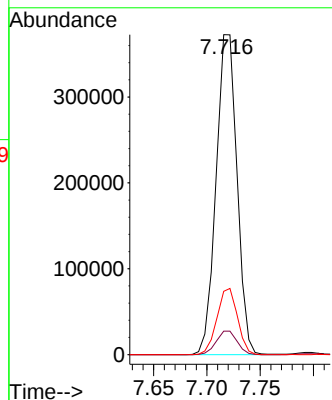
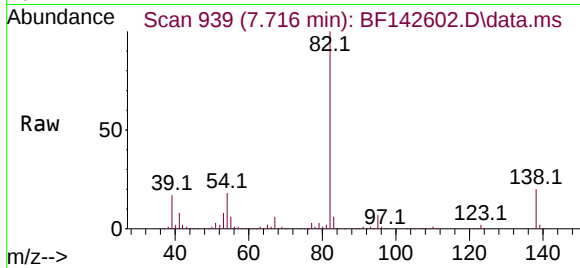




#25
Isophorone
Concen: 36.592 ng
RT: 7.716 min Scan# 939
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

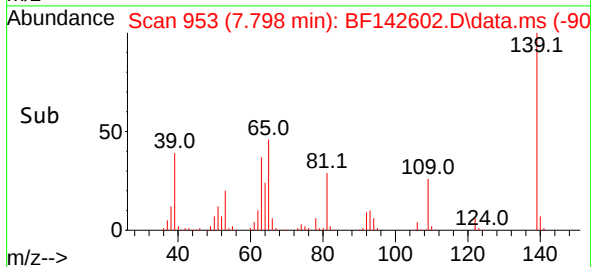
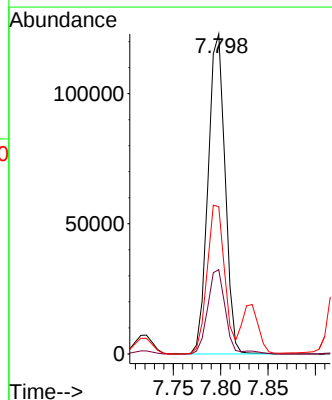
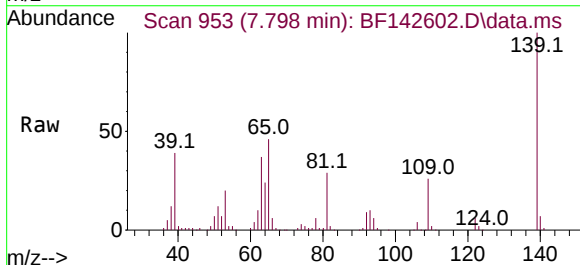
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

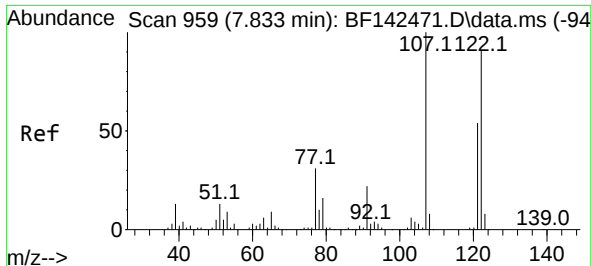
Tgt Ion: 82 Resp: 510230
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 19.8 15.5 23.3



#26
2-Nitrophenol
Concen: 38.258 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:139 Resp: 153765
Ion Ratio Lower Upper
139 100
109 26.3 22.6 33.8
65 46.0 39.4 59.0

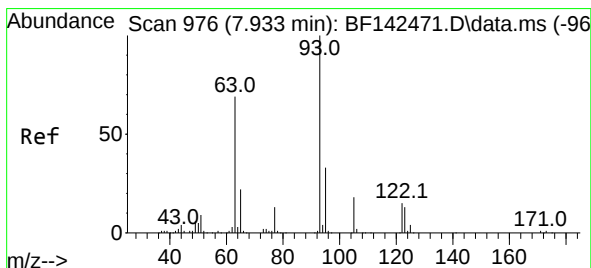
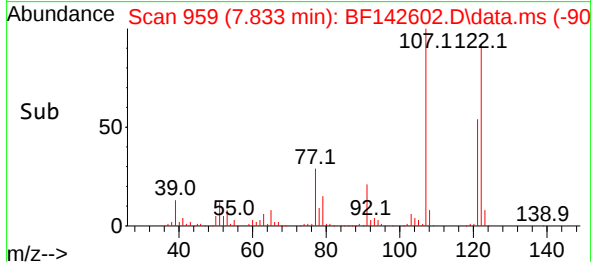
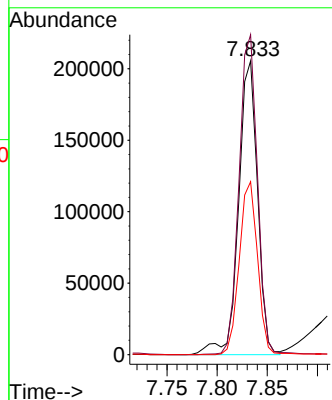
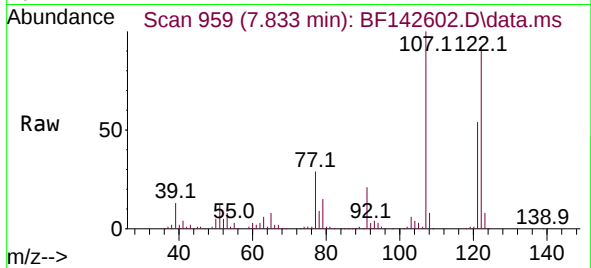




#27
2,4-Dimethylphenol
Concen: 38.021 ng
RT: 7.833 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

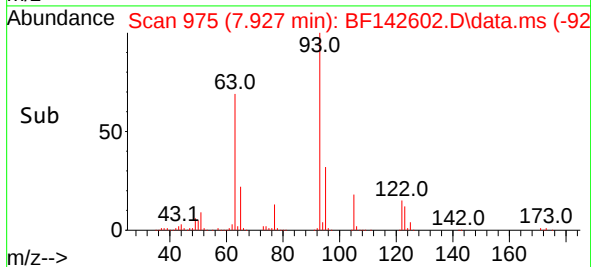
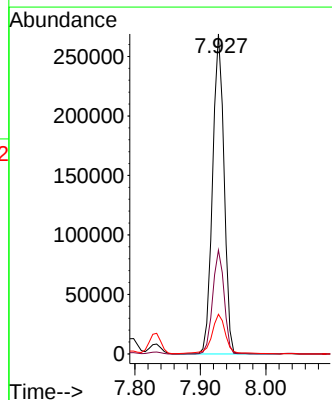
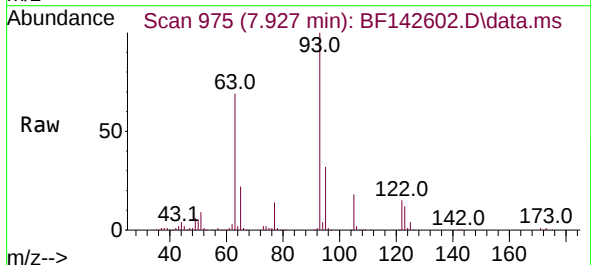
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

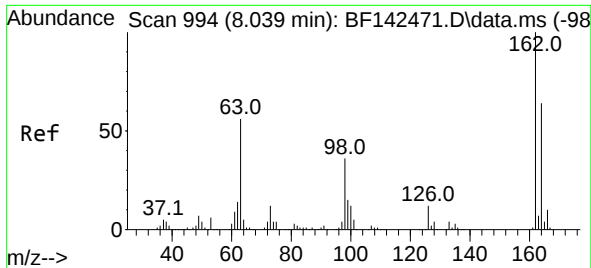
Tgt Ion:122 Resp: 269485
Ion Ratio Lower Upper
122 100
107 108.9 88.1 132.1
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 37.634 ng
RT: 7.927 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion: 93 Resp: 327803
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 12.4 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.617 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142602.D

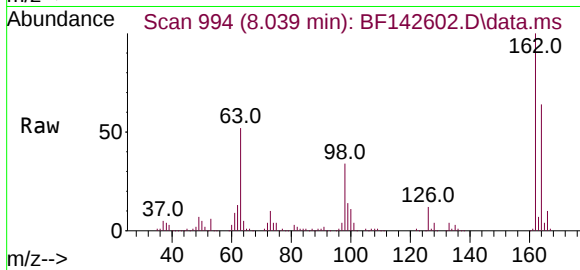
Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



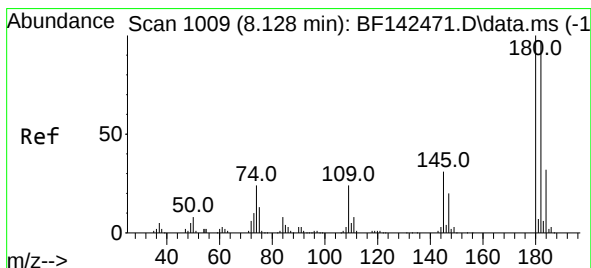
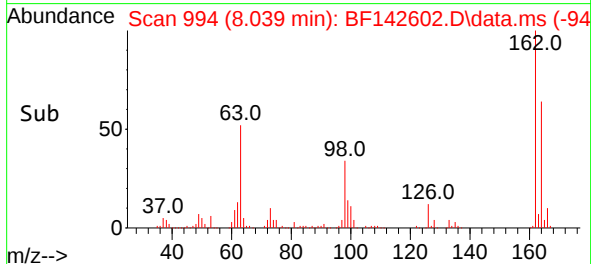
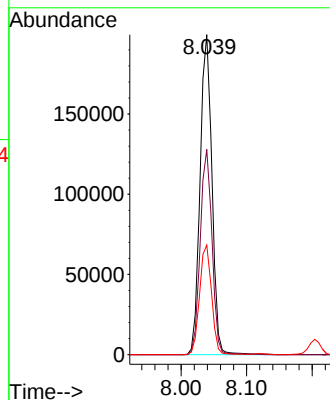
Tgt Ion:162 Resp: 248919

Ion Ratio Lower Upper

162 100

164 64.1 43.7 83.7

98 34.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 37.834 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

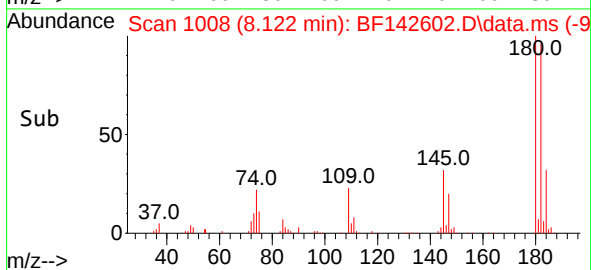
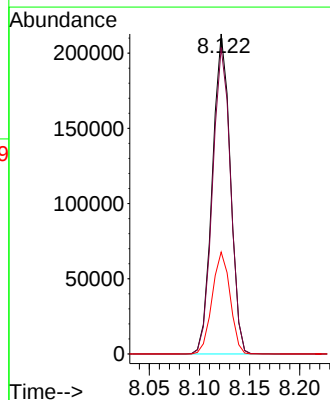
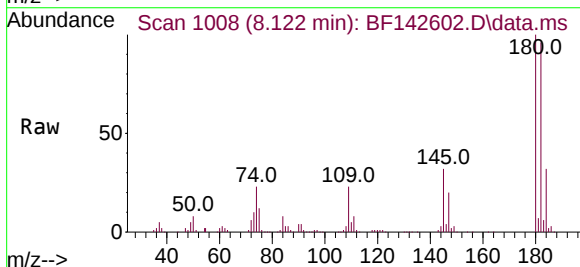
Tgt Ion:180 Resp: 264670

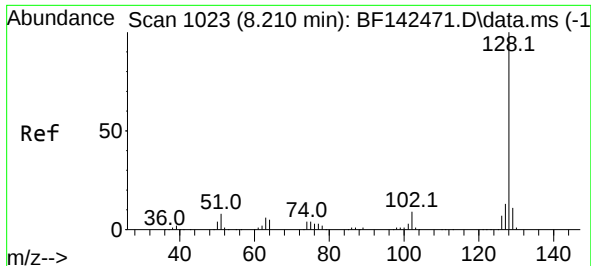
Ion Ratio Lower Upper

180 100

182 95.7 78.0 117.0

145 31.8 25.0 37.6

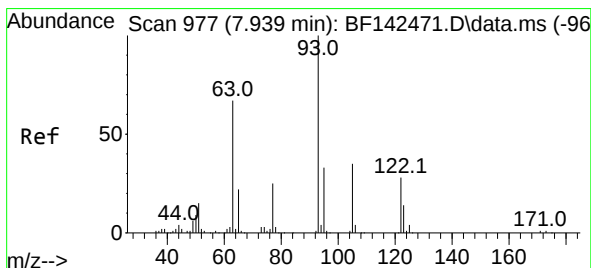
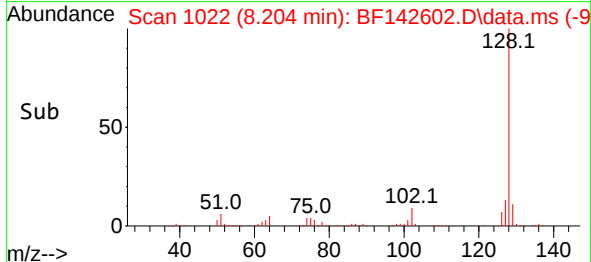
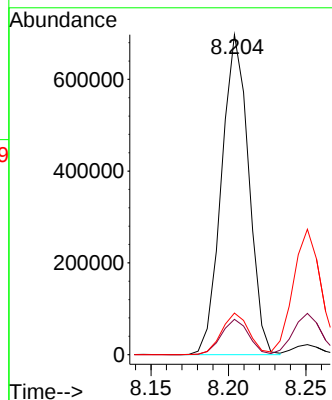
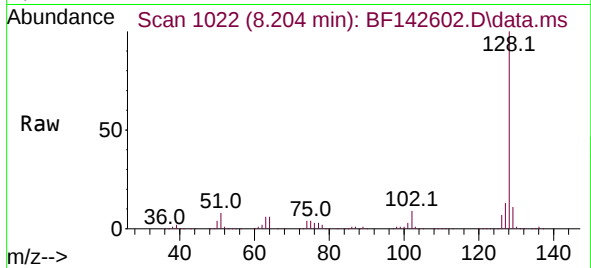




#31
Naphthalene
Concen: 38.068 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

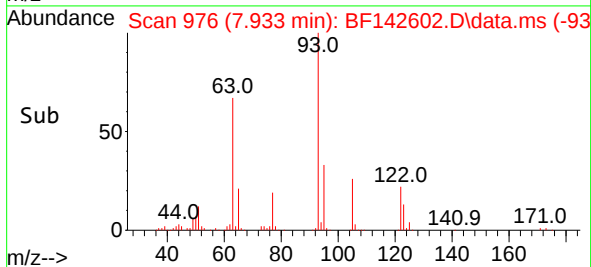
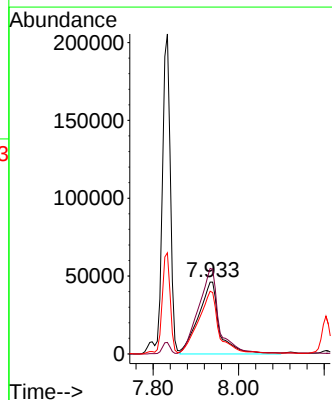
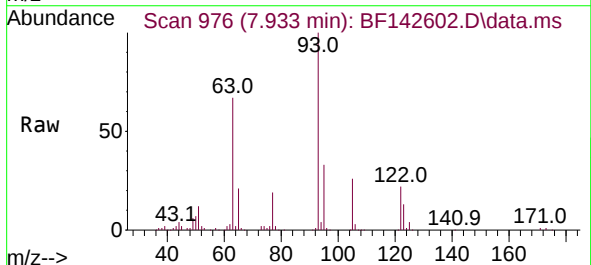
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

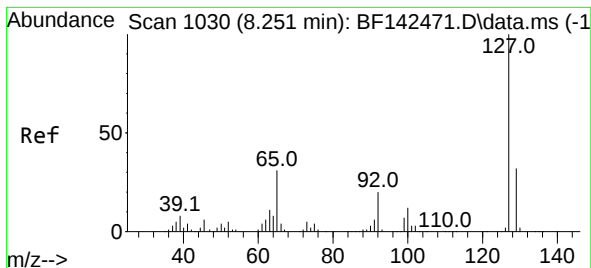
Tgt Ion:128 Resp: 852426
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 36.701 ng m
RT: 7.933 min Scan# 976
Delta R.T. -0.042 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:122 Resp: 158349
Ion Ratio Lower Upper
122 100
105 119.2 101.7 141.7
77 87.3 69.5 109.5



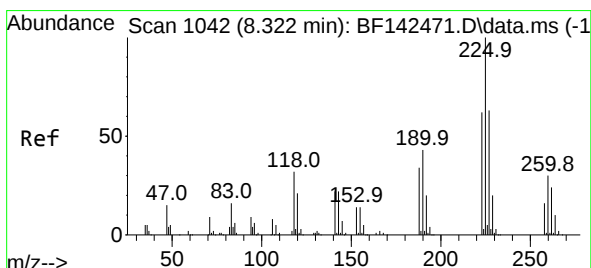
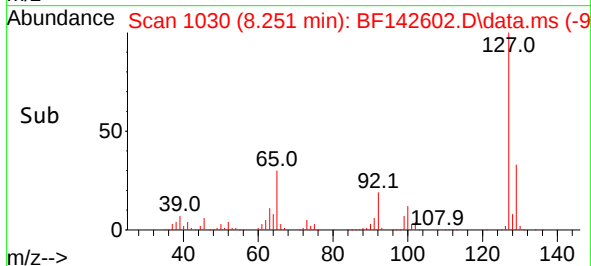
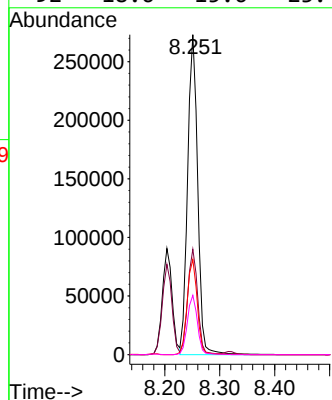
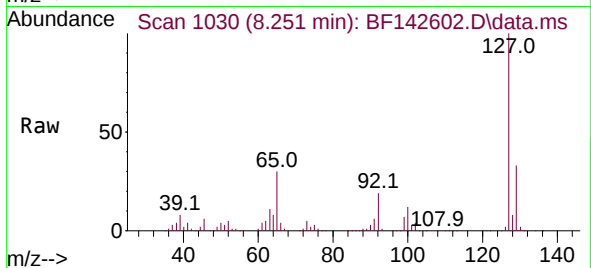


#33
4-Chloroaniline
Concen: 38.203 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 346639

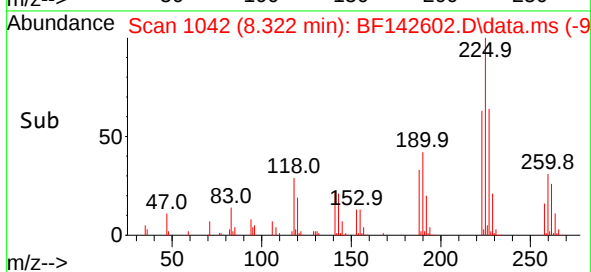
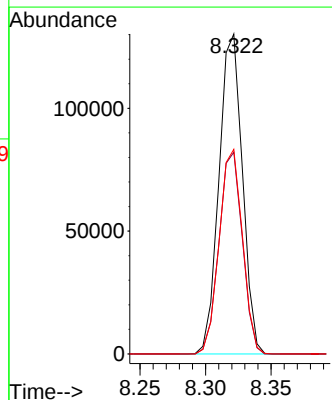
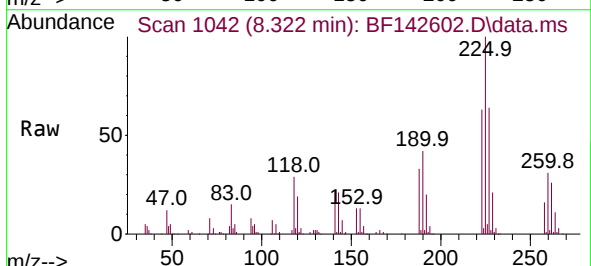
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	29.8	24.9	37.3
92	18.6	15.6	23.4

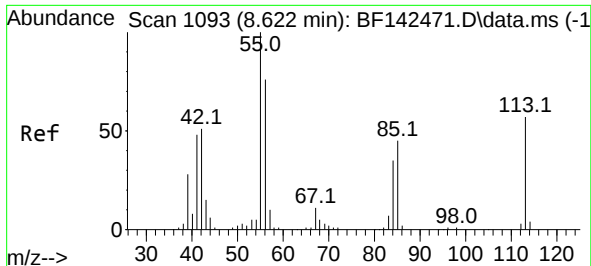


#34
Hexachlorobutadiene
Concen: 37.001 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:225 Resp: 161618

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	63.9	50.3	75.5

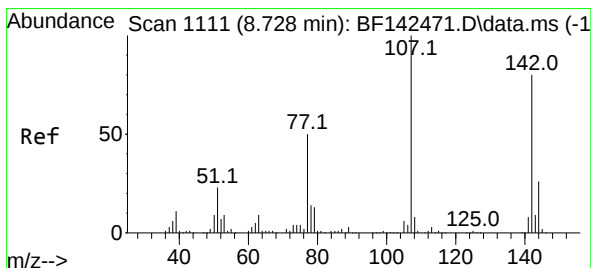
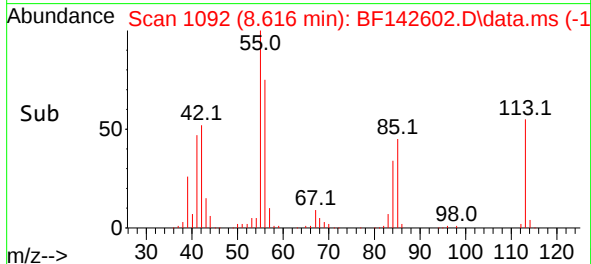
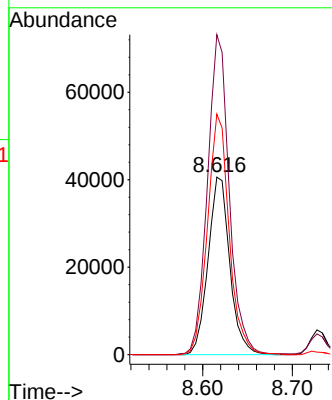
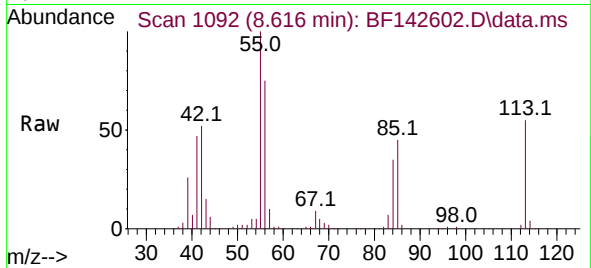




#35
Caprolactam
Concen: 37.857 ng
RT: 8.616 min Scan# 1092
Delta R.T. -0.030 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

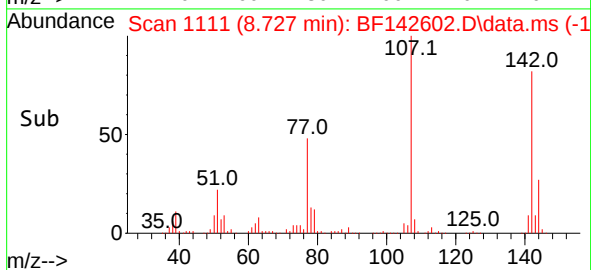
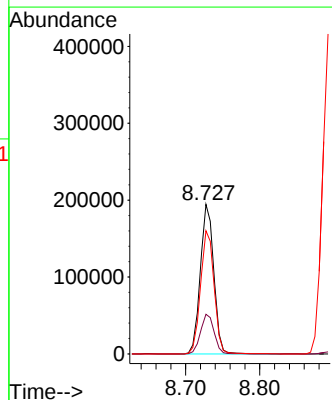
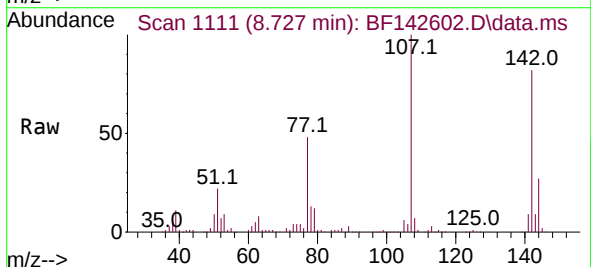
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

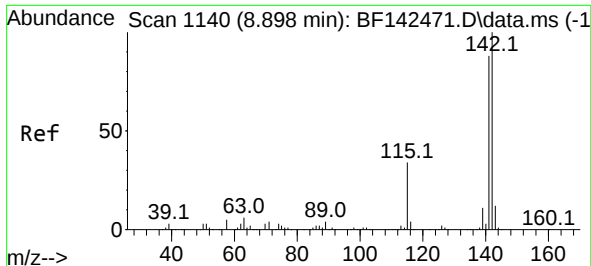
Tgt Ion:113 Resp: 68535
Ion Ratio Lower Upper
113 100
55 180.3 154.7 194.7
56 135.4 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 37.069 ng
RT: 8.727 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:107 Resp: 244876
Ion Ratio Lower Upper
107 100
144 26.5 20.9 31.3
142 82.4 64.2 96.2





#37

2-Methylnaphthalene

Concen: 36.895 ng

RT: 8.892 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

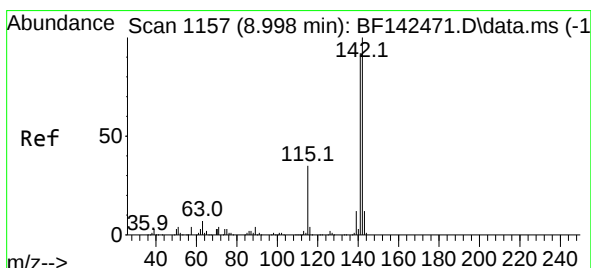
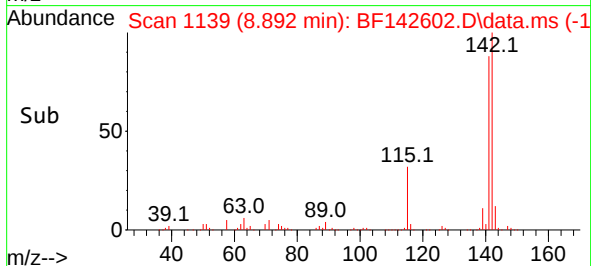
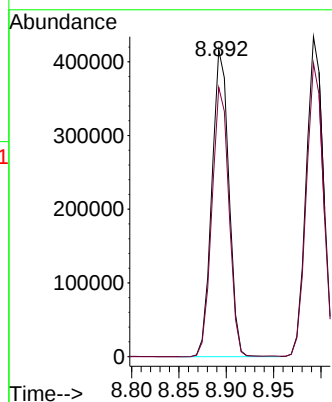
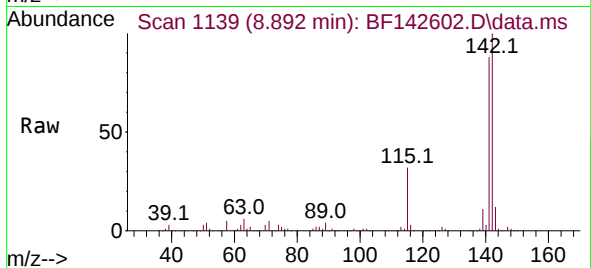
SSTDCCC040

Tgt Ion:142 Resp: 519756

Ion Ratio Lower Upper

142 100

141 87.7 70.7 106.1



#38

1-Methylnaphthalene

Concen: 37.004 ng

RT: 8.992 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF142602.D

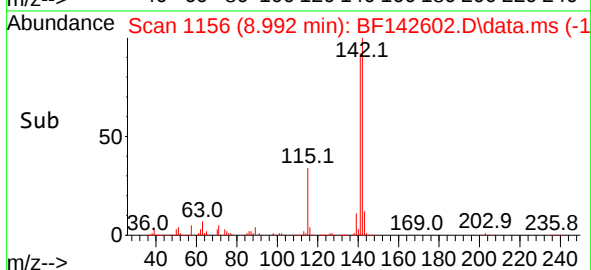
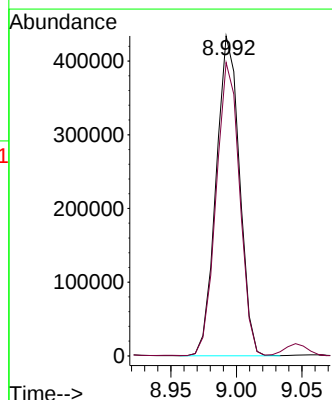
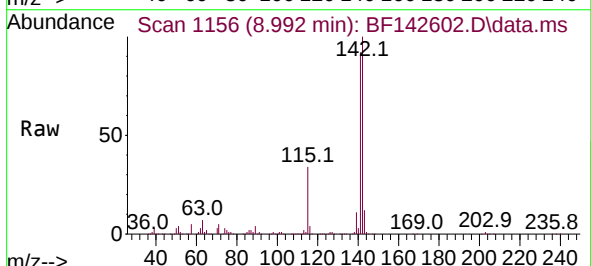
Acq: 04 Jun 2025 12:27

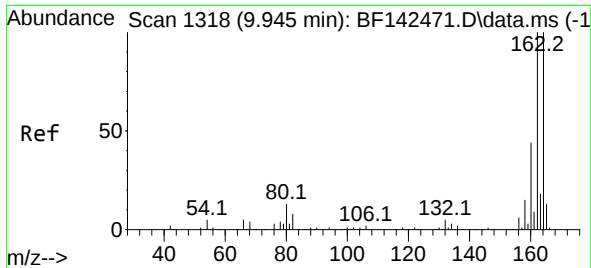
Tgt Ion:142 Resp: 539212

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

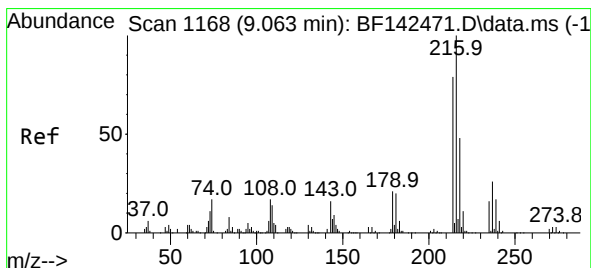
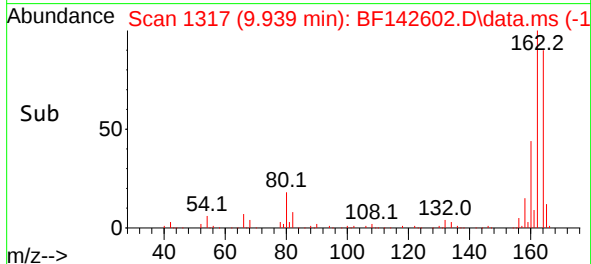
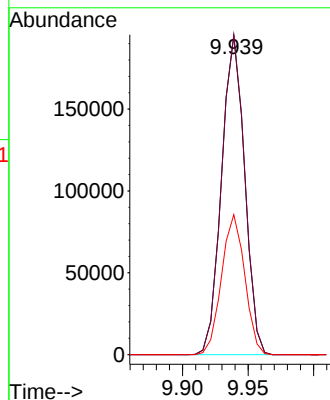
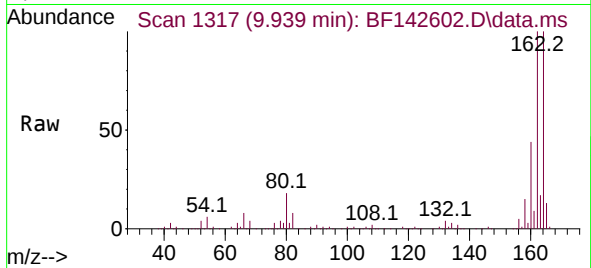




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.939 min Scan# 1318
 Delta R.T. -0.006 min
 Lab File: BF142602.D
 Acq: 04 Jun 2025 12:27

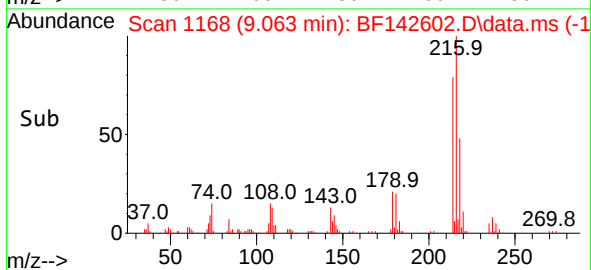
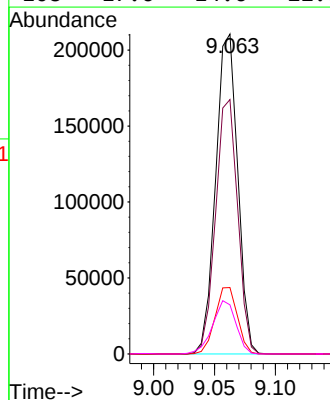
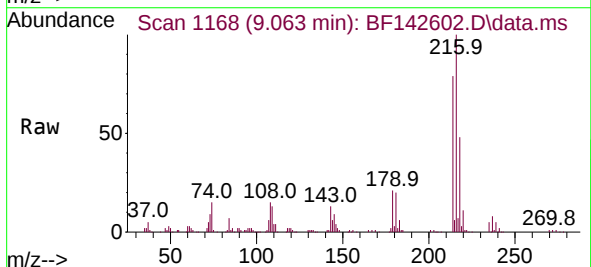
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

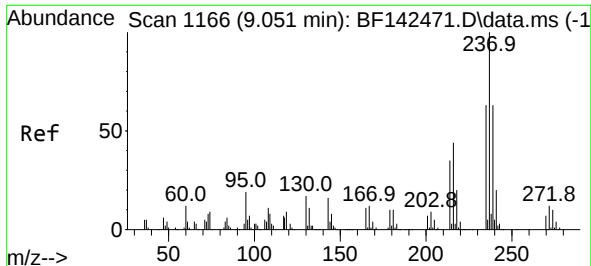
Tgt Ion:164 Resp: 238732
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.2 120.4
 160 43.9 35.6 53.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.772 ng
 RT: 9.063 min Scan# 1168
 Delta R.T. -0.006 min
 Lab File: BF142602.D
 Acq: 04 Jun 2025 12:27

Tgt Ion:216 Resp: 265705
 Ion Ratio Lower Upper
 216 100
 214 79.6 62.9 94.3
 179 21.0 16.9 25.3
 108 17.6 14.6 22.0

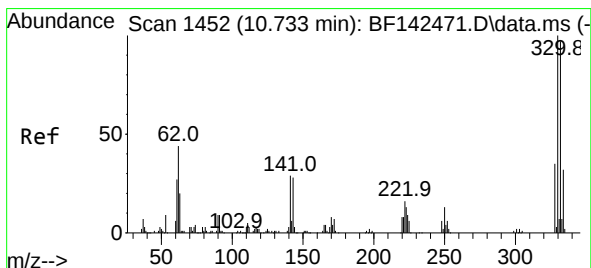
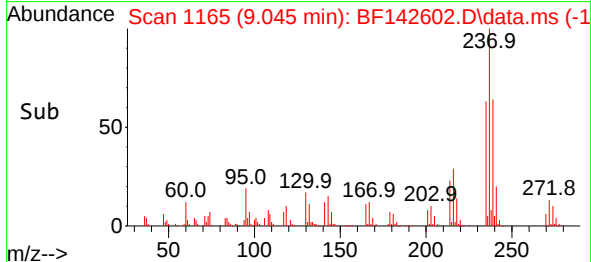
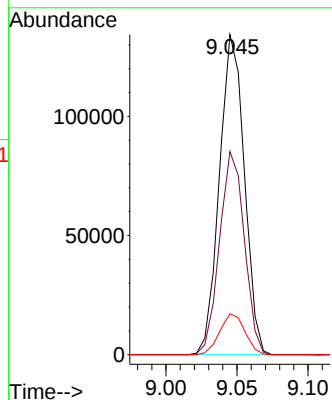
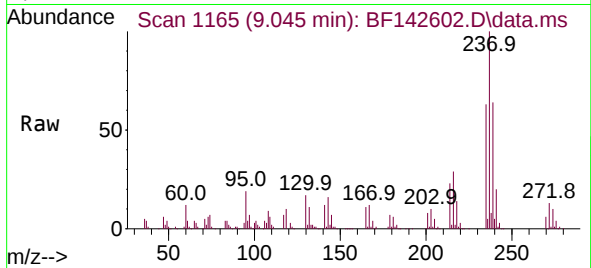




#41
Hexachlorocyclopentadiene
Concen: 35.390 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

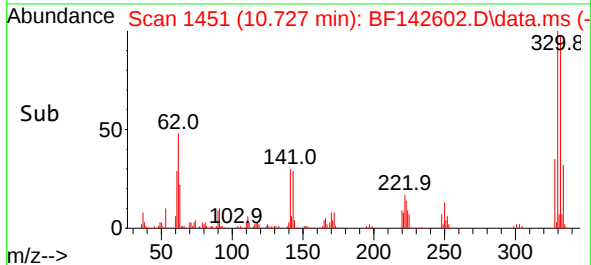
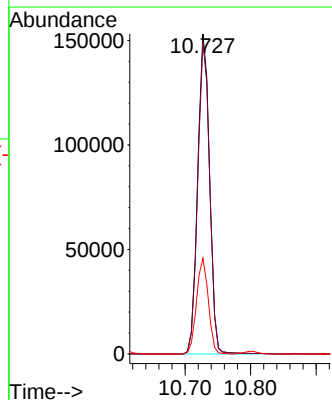
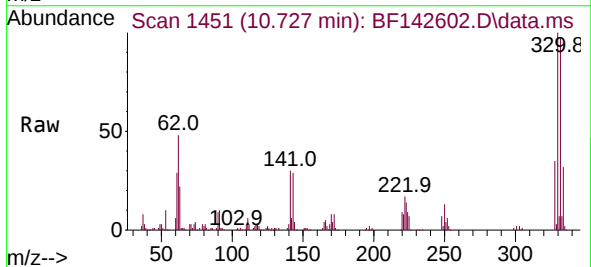
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

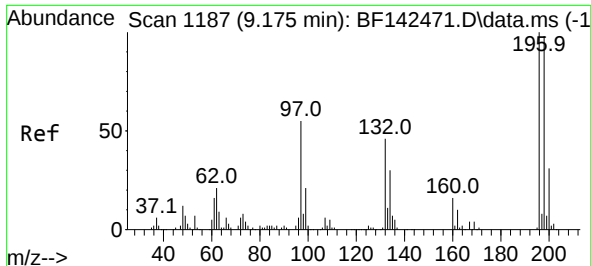
Tgt Ion:237 Resp: 163607
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.8 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 72.512 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:330 Resp: 192130
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 29.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 38.561 ng

RT: 9.169 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

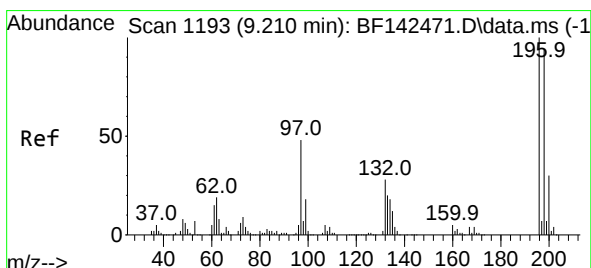
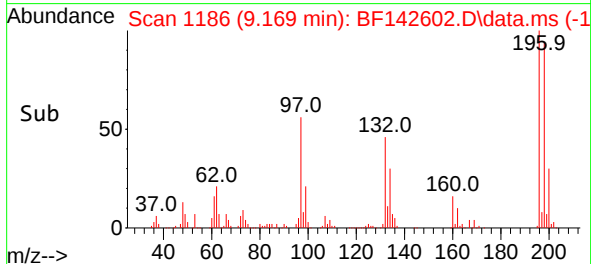
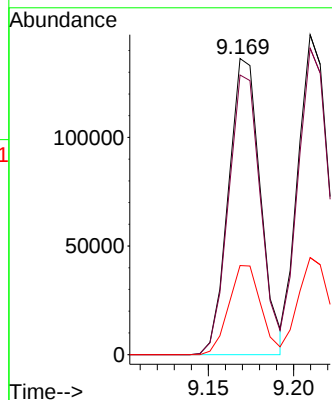
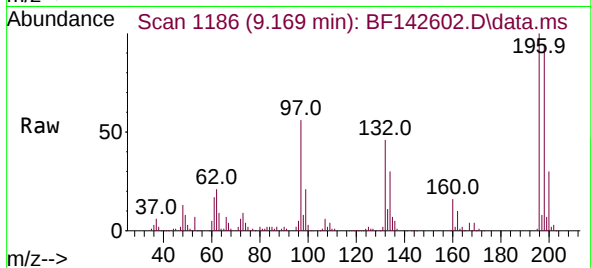
Tgt Ion:196 Resp: 178193

Ion Ratio Lower Upper

196 100

198 94.4 78.8 118.2

200 30.1 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 37.877 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Tgt Ion:196 Resp: 184599

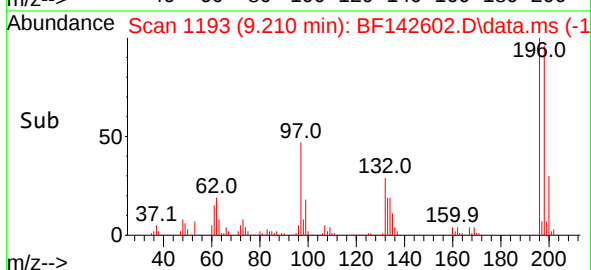
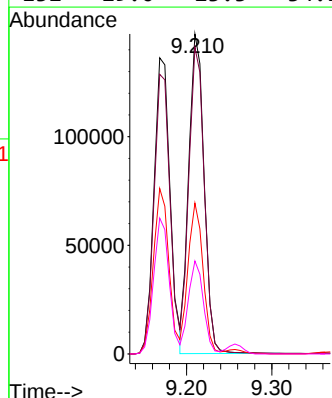
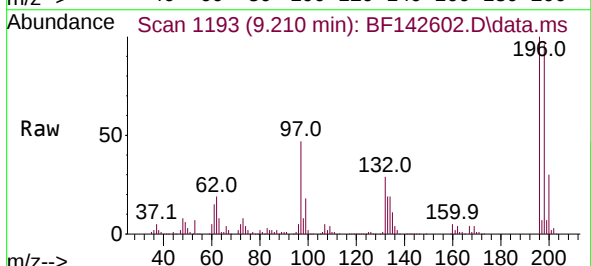
Ion Ratio Lower Upper

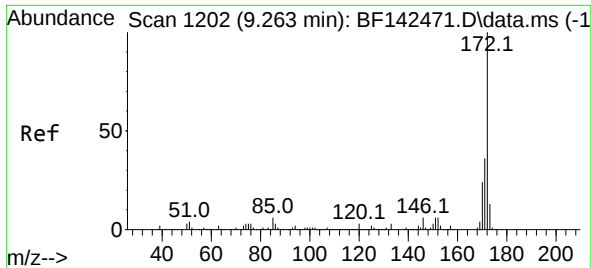
196 100

198 95.8 75.5 113.3

97 47.1 39.3 58.9

132 29.0 23.3 34.9

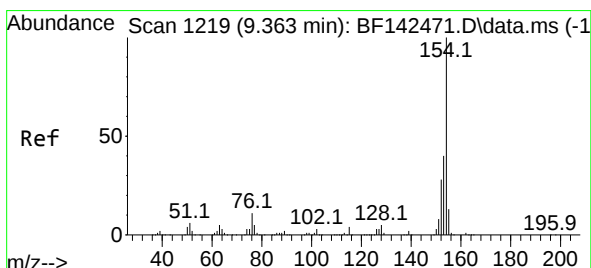
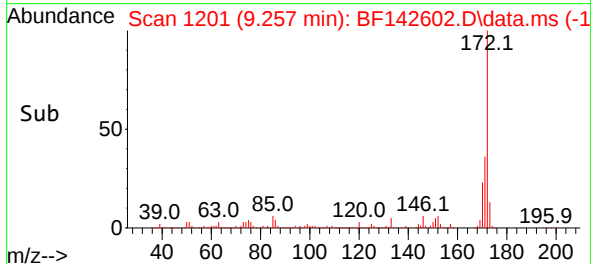
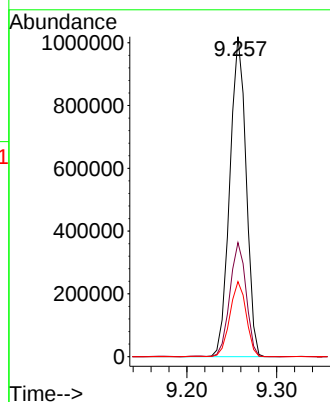
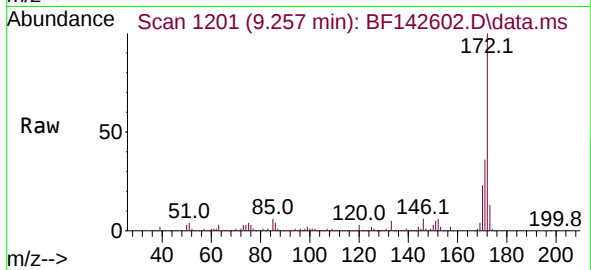




#45
2-Fluorobiphenyl
Concen: 72.816 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

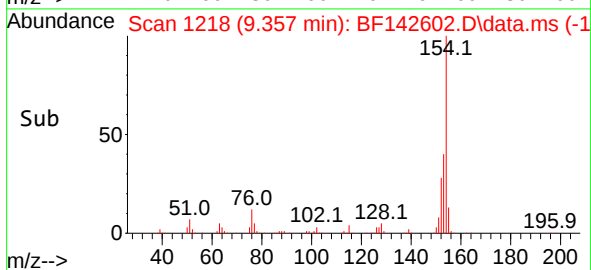
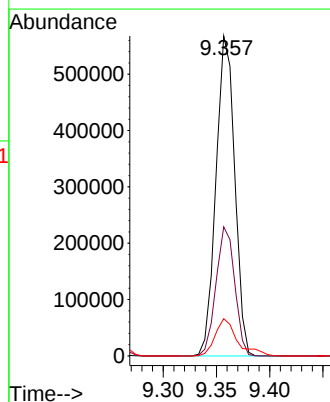
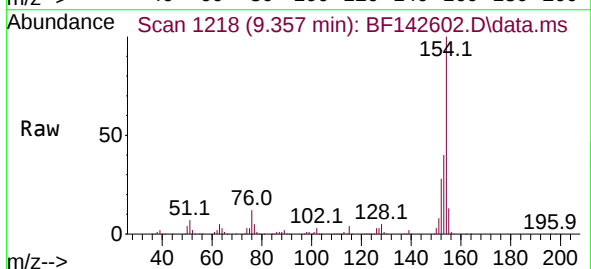
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

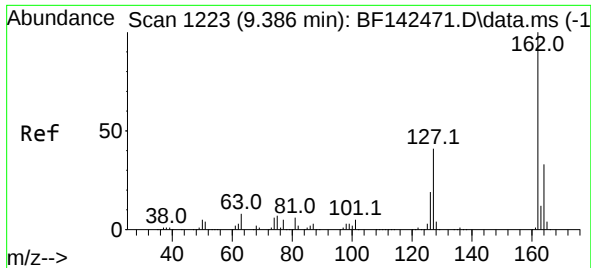
Tgt Ion:172 Resp: 1295479
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.645 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:154 Resp: 697233
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.6 0.0 30.8





#47

2-Chloronaphthalene

Concen: 38.018 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

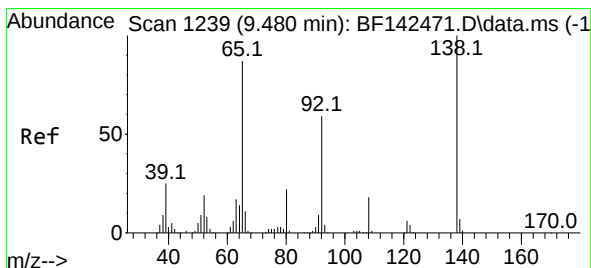
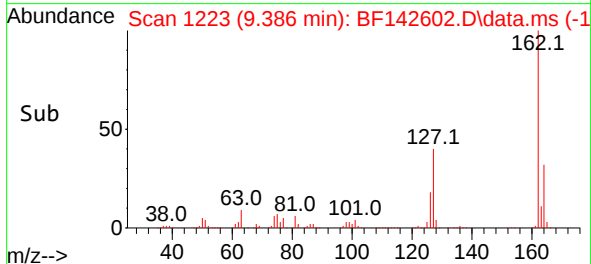
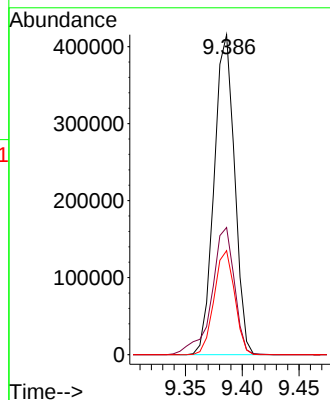
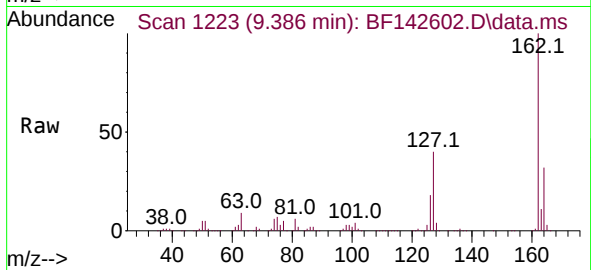
Tgt Ion:162 Resp: 520250

Ion Ratio Lower Upper

162 100

127 39.7 33.5 50.3

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 38.514 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

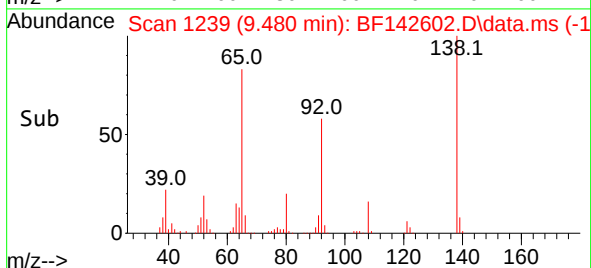
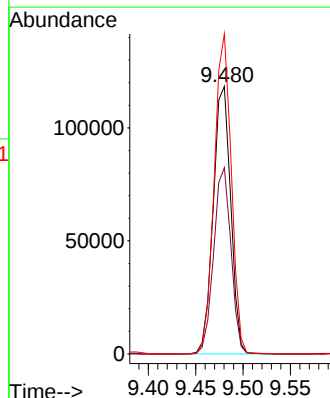
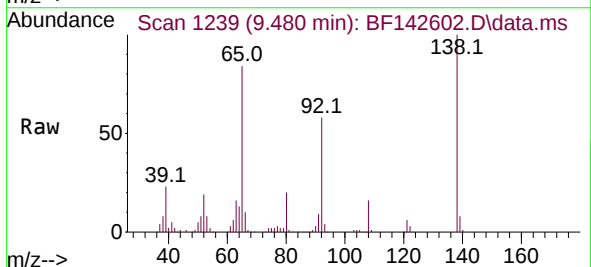
Tgt Ion: 65 Resp: 152336

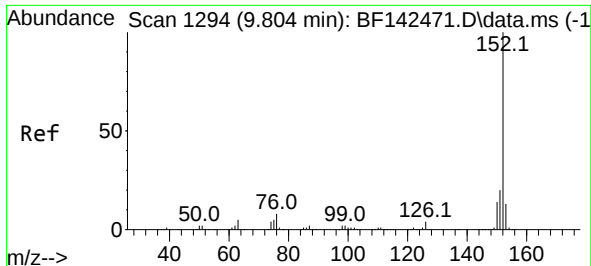
Ion Ratio Lower Upper

65 100

92 69.6 54.4 81.6

138 119.7 91.4 137.2

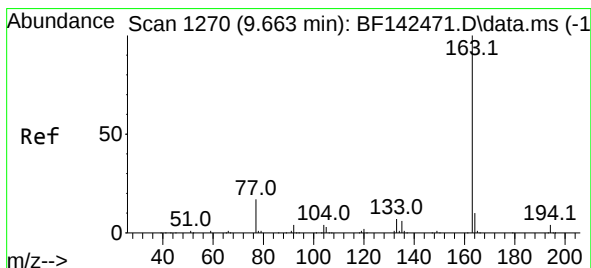
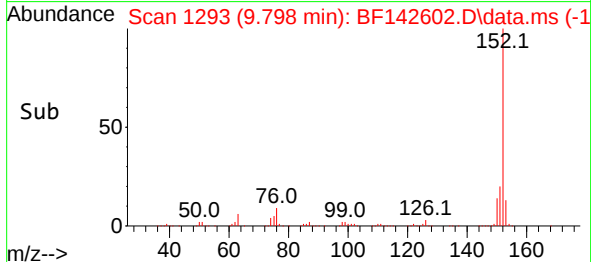
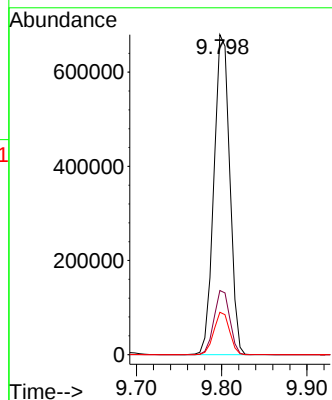
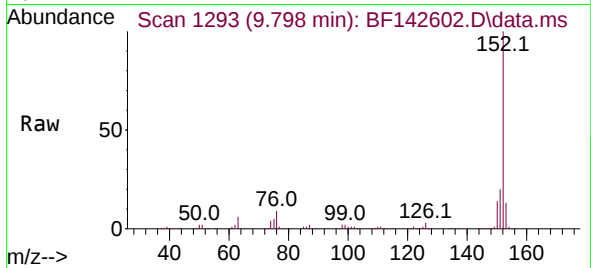




#49
Acenaphthylene
Concen: 37.900 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

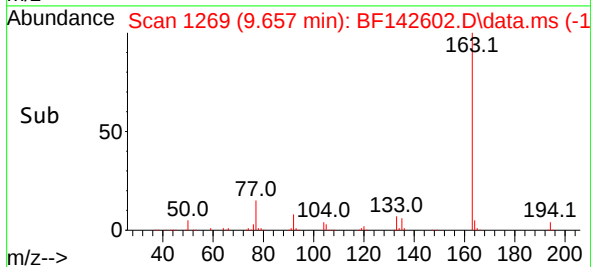
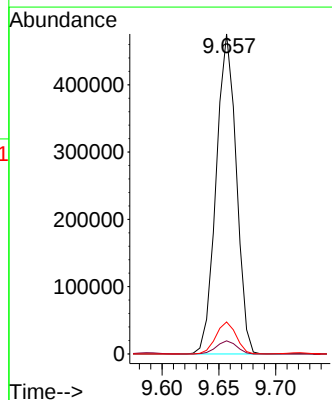
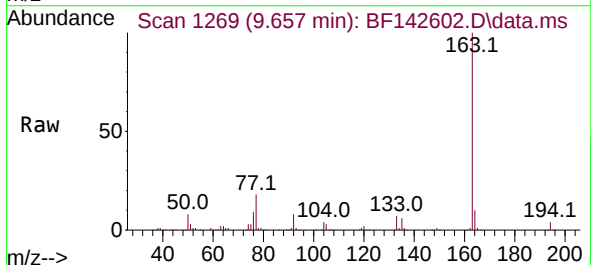
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

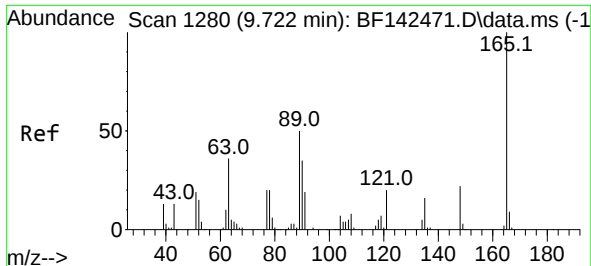
Tgt Ion:152 Resp: 875741
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 37.234 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:163 Resp: 586529
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.4

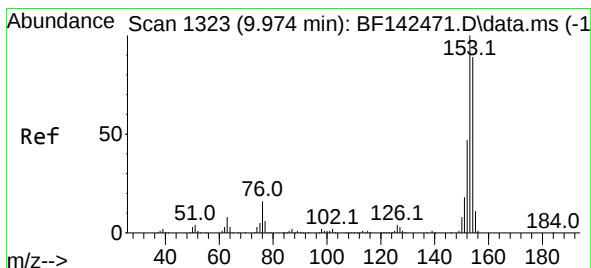
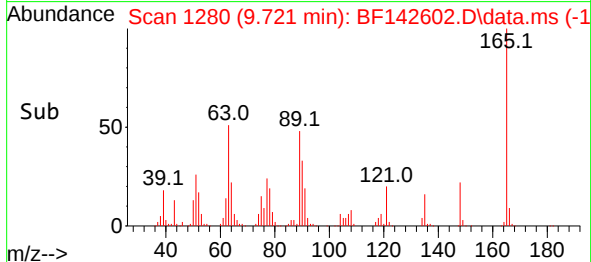
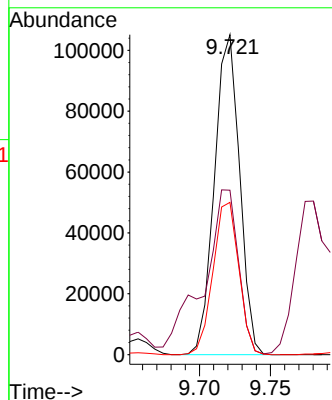
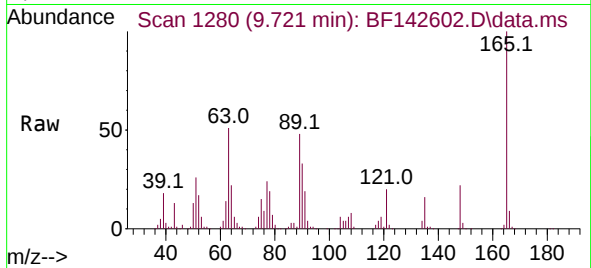




#51
2,6-Dinitrotoluene
Concen: 38.201 ng
RT: 9.721 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

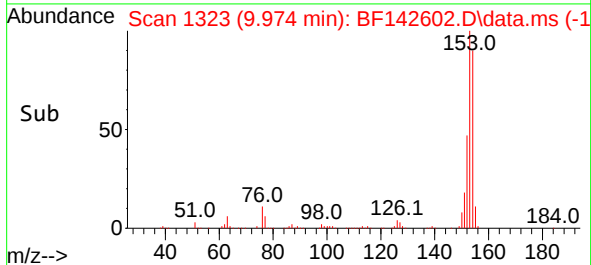
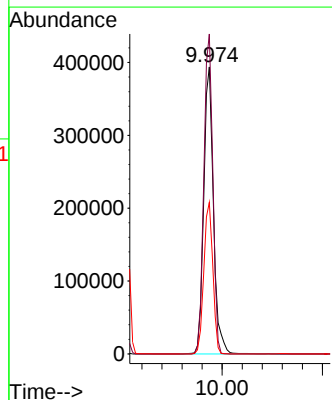
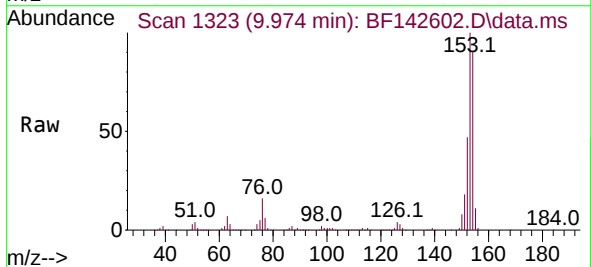
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

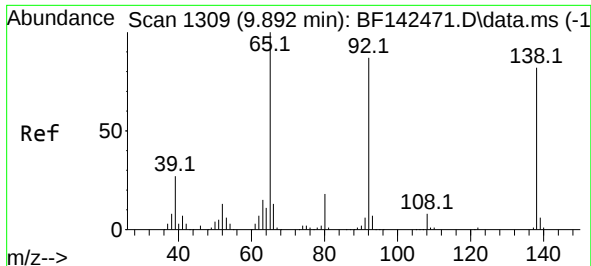
Tgt Ion:165 Resp: 129876
Ion Ratio Lower Upper
165 100
63 51.4 42.9 64.3
89 47.6 40.2 60.4



#52
Acenaphthene
Concen: 37.466 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:154 Resp: 528629
Ion Ratio Lower Upper
154 100
153 111.5 90.0 135.0
152 52.7 42.6 64.0

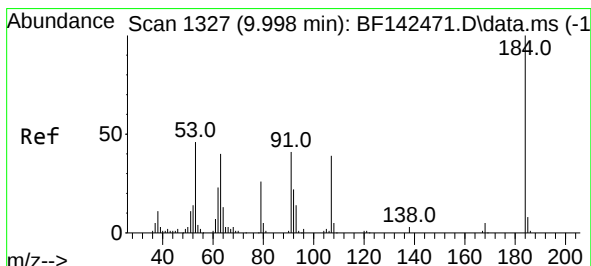
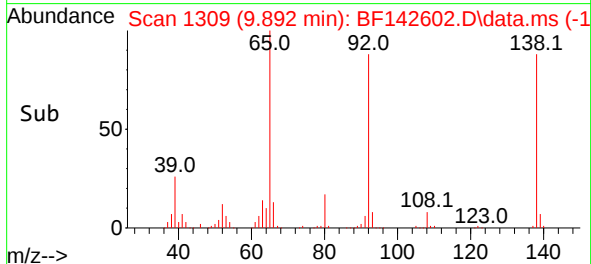
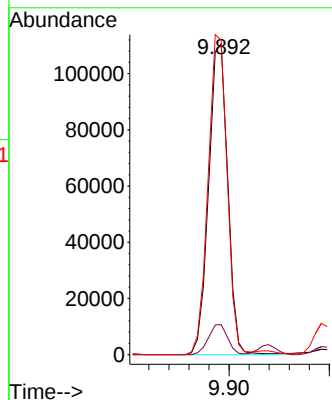
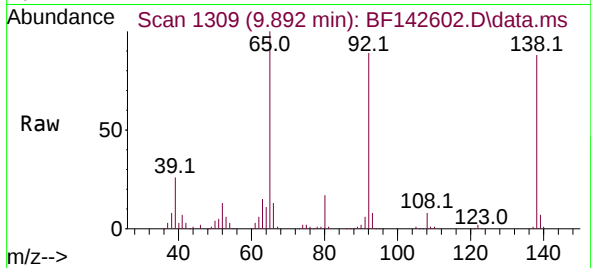




#53
3-Nitroaniline
Concen: 39.191 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

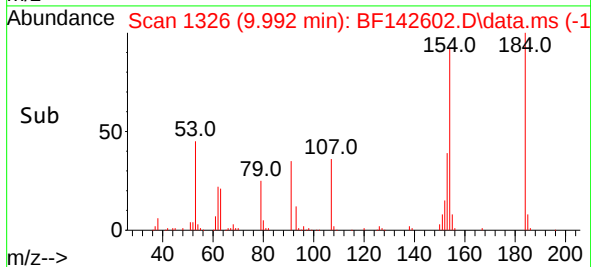
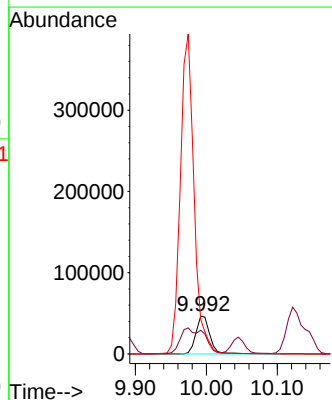
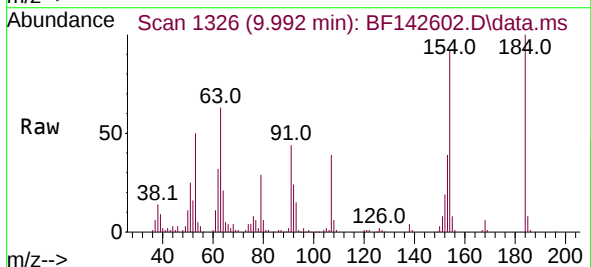
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

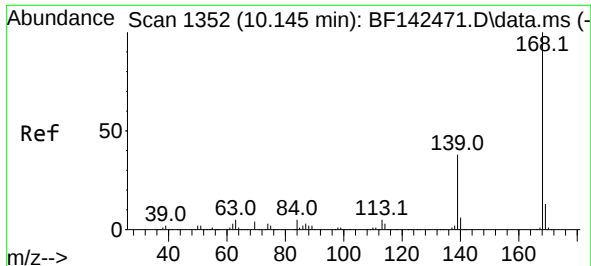
Tgt Ion:138 Resp: 145534
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 101.2 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 35.898 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:184 Resp: 63055
Ion Ratio Lower Upper
184 100
63 62.8 46.3 69.5
154 92.1 56.8 85.2#

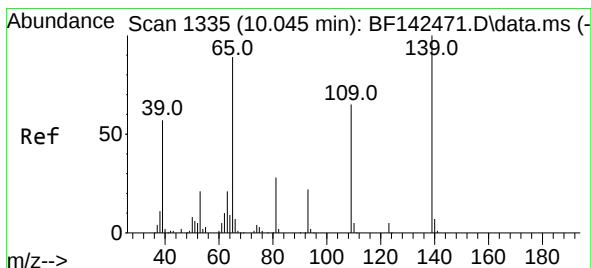
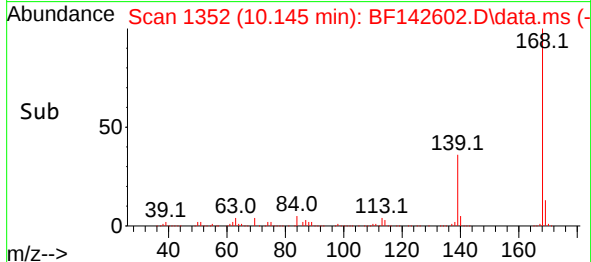
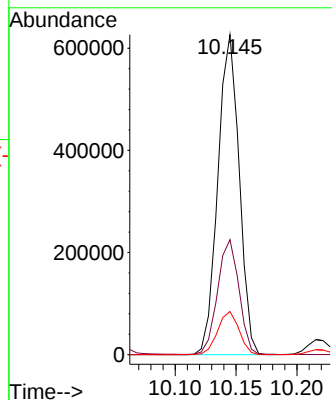
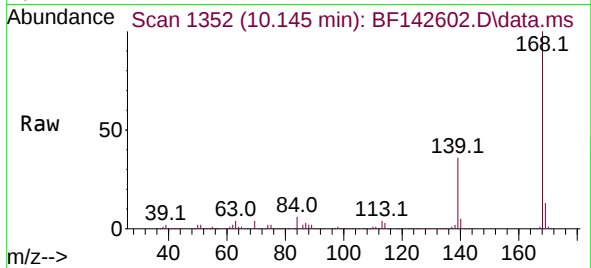




#55
Dibenzofuran
Concen: 37.618 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

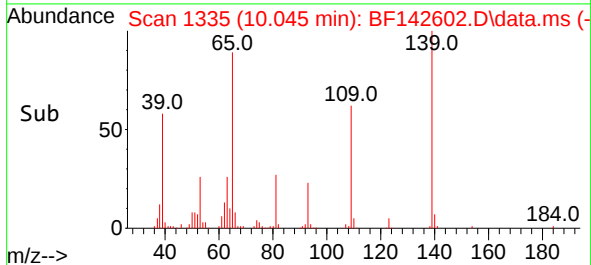
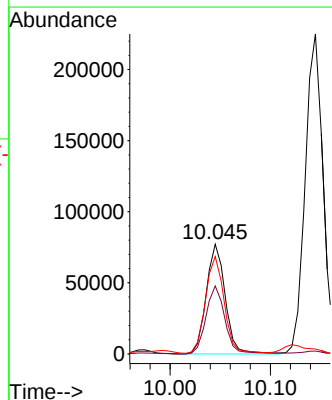
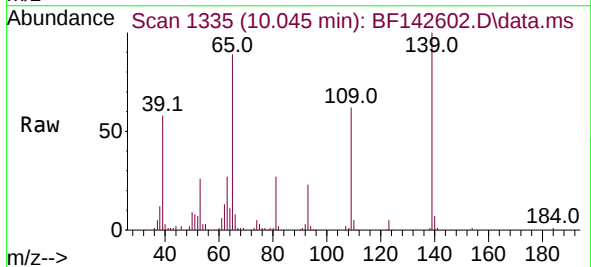
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

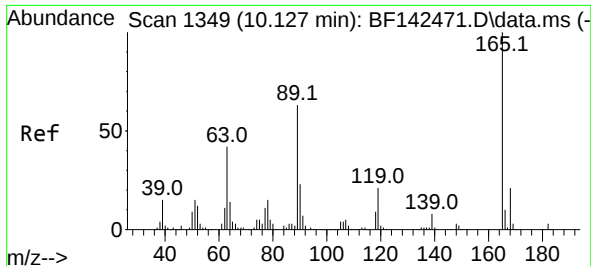
Tgt Ion:168 Resp: 763801
Ion Ratio Lower Upper
168 100
139 35.9 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 36.821 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:139 Resp: 100887
Ion Ratio Lower Upper
139 100
109 61.9 45.1 85.1
65 88.8 69.7 109.7

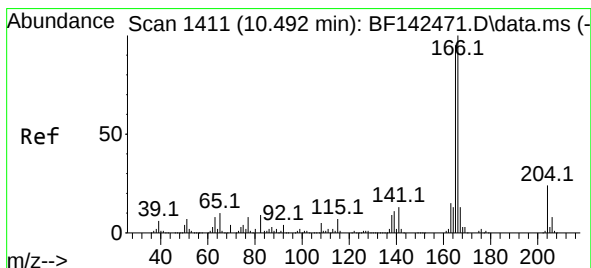
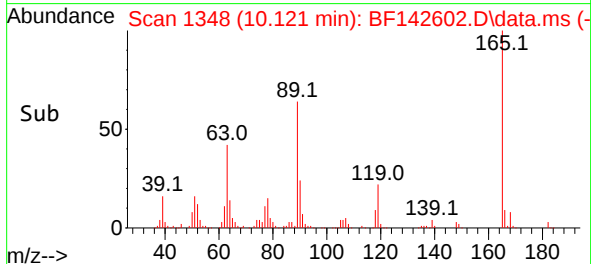
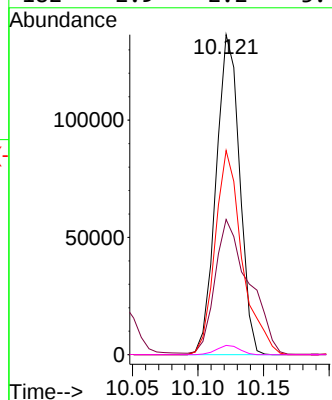
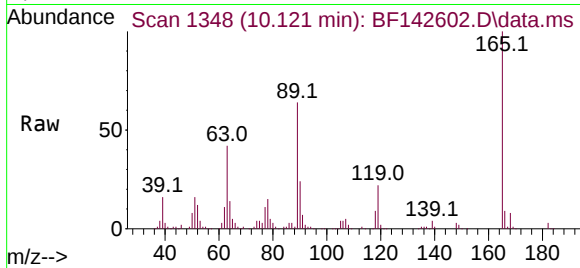




#57
2,4-Dinitrotoluene
Concen: 38.449 ng
RT: 10.121 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

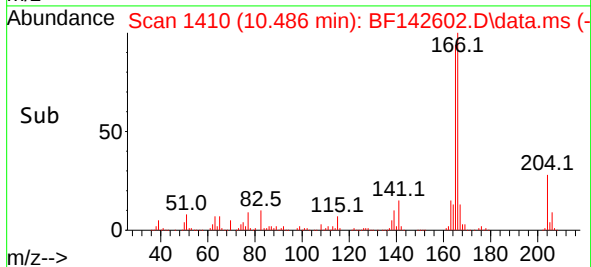
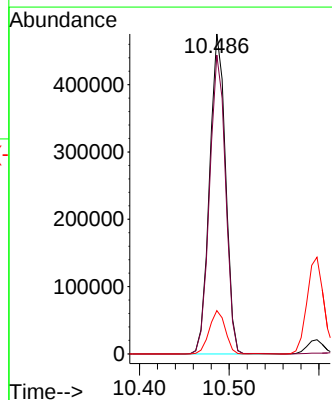
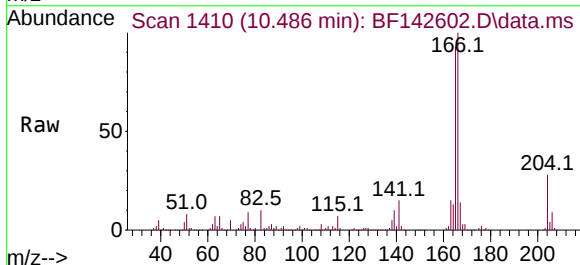
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

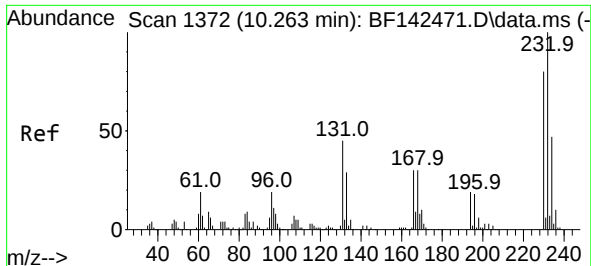
Tgt Ion:165 Resp: 170719
Ion Ratio Lower Upper
165 100
63 42.2 33.6 50.4
89 63.8 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 37.608 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:166 Resp: 589914
Ion Ratio Lower Upper
166 100
165 93.4 75.8 113.8
167 13.5 10.6 16.0

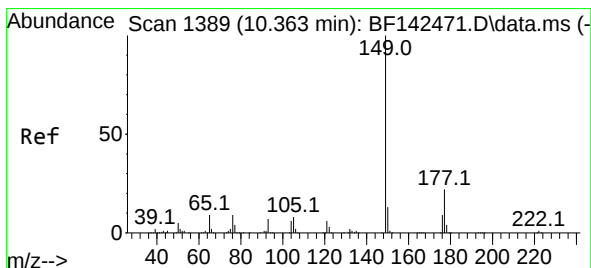
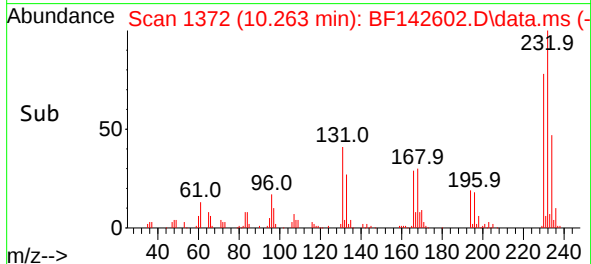
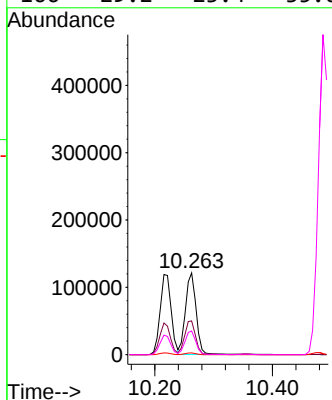
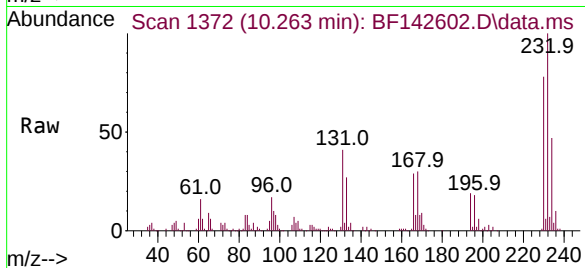




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.704 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

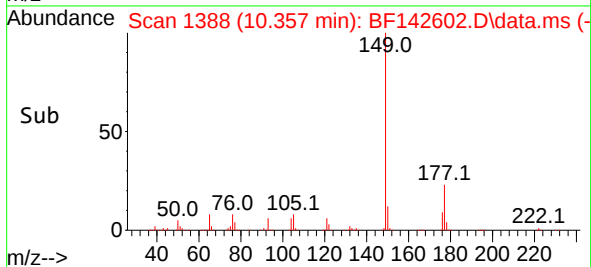
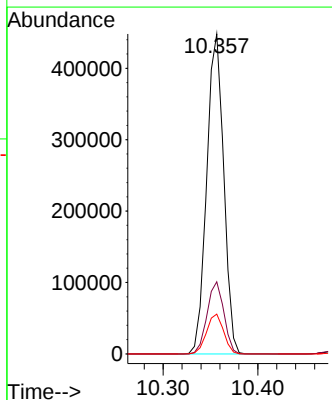
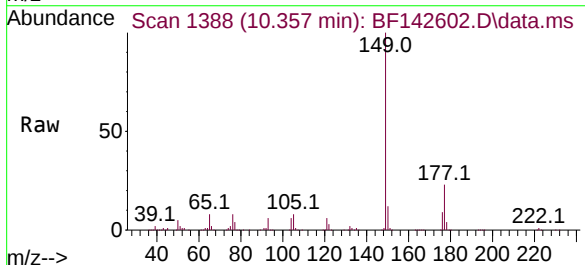
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

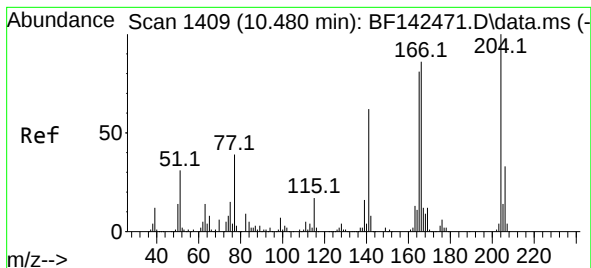
Tgt Ion:232 Resp: 153400
Ion Ratio Lower Upper
232 100
131 42.2 35.2 52.8
130 2.0 1.7 2.5
166 29.2 23.4 35.0



#60
Diethylphthalate
Concen: 36.339 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 559057
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.4 10.1 15.1

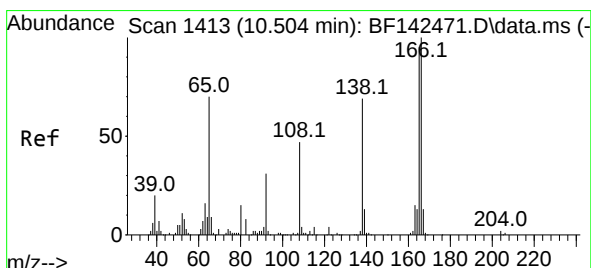
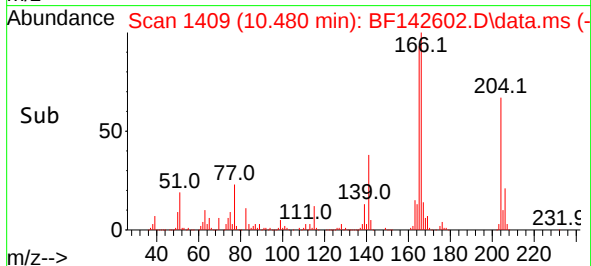
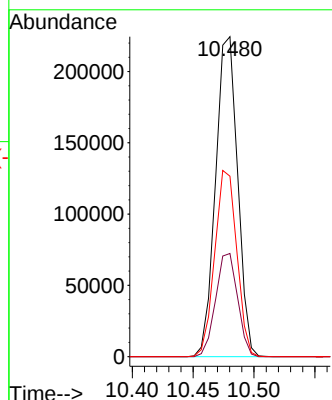
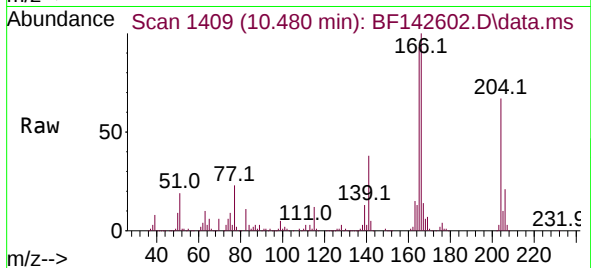




#61
4-Chlorophenyl-phenylether
Concen: 36.750 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

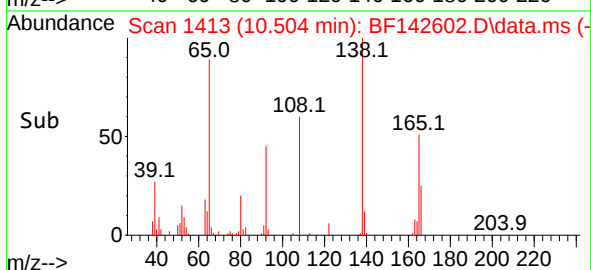
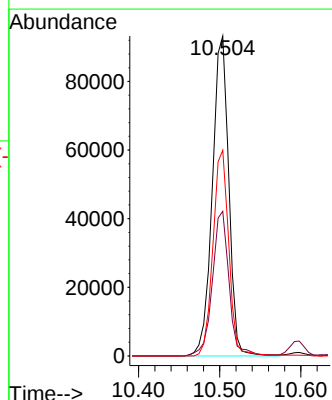
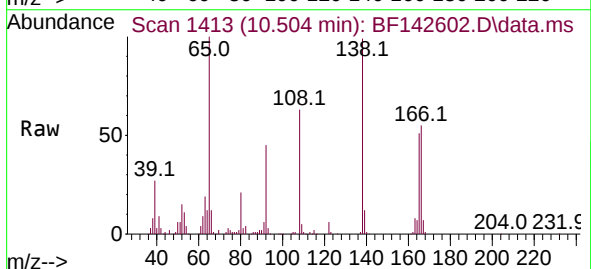
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

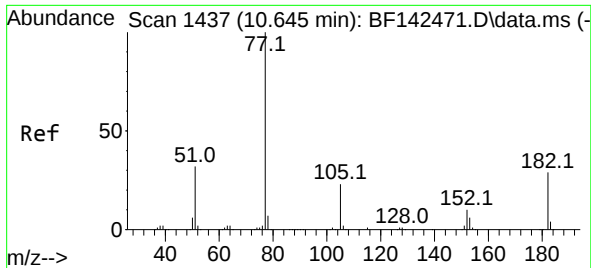
Tgt Ion:204 Resp: 283181
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 56.4 49.5 74.3



#62
4-Nitroaniline
Concen: 39.013 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:138 Resp: 131390
Ion Ratio Lower Upper
138 100
92 45.2 26.0 66.0
108 64.3 48.4 88.4

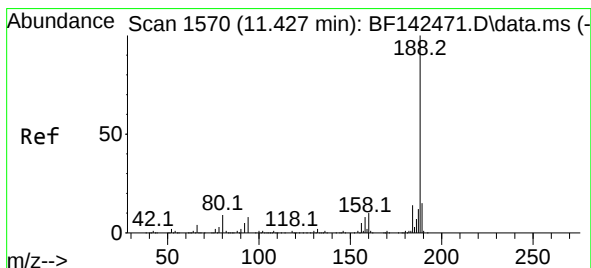
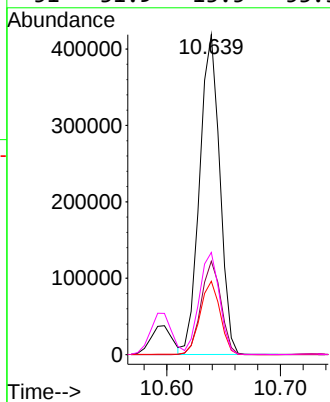
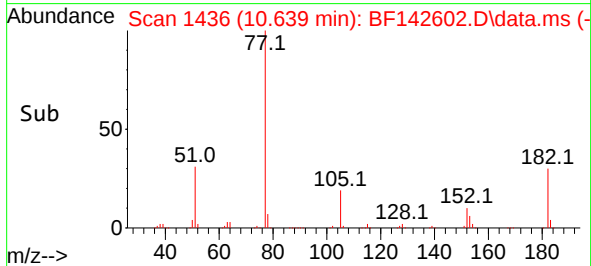
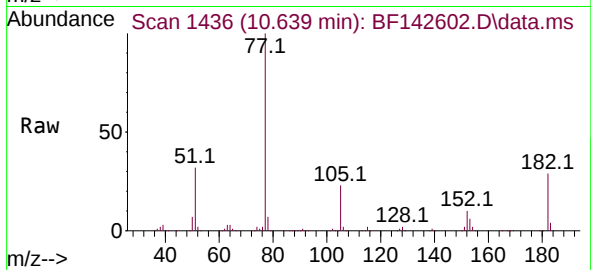




#63
Azobenzene
Concen: 37.331 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

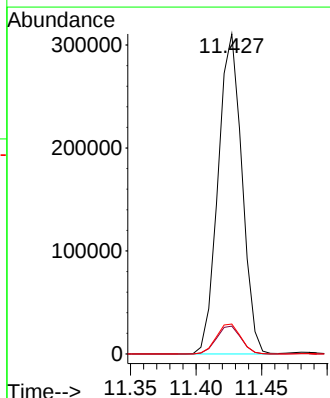
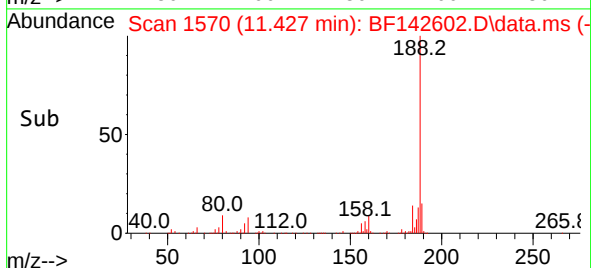
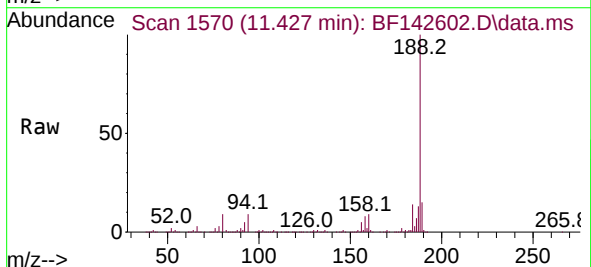
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

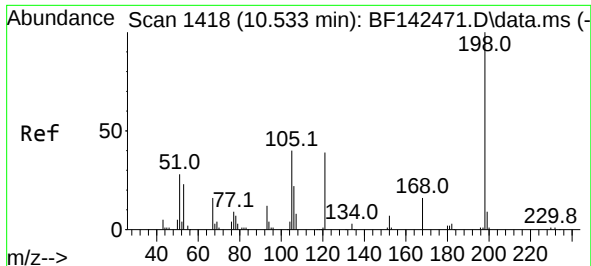
Tgt Ion: 77	Resp: 515846
Ion Ratio	Lower Upper
77 100	
182 29.2	9.0 49.0
105 22.9	2.4 42.4
51 31.9	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:188	Resp: 393948
Ion Ratio	Lower Upper
188 100	
94 8.7	6.6 10.0
80 9.3	7.4 11.0

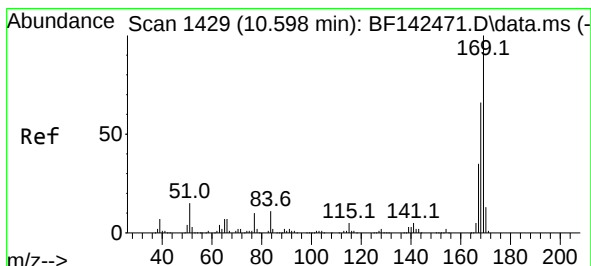
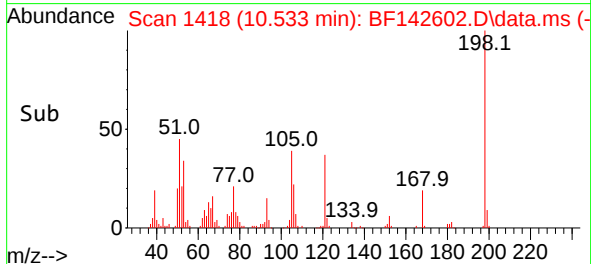
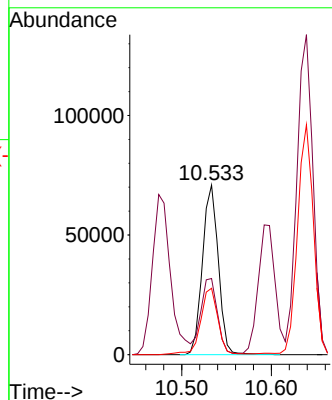
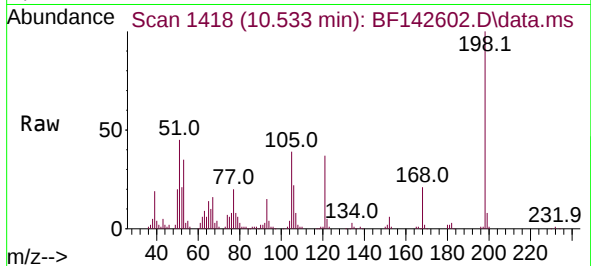




#65
4,6-Dinitro-2-methylphenol
Concen: 39.612 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

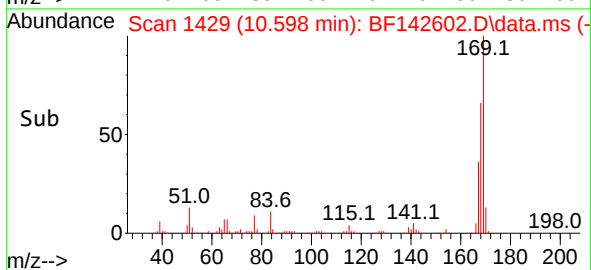
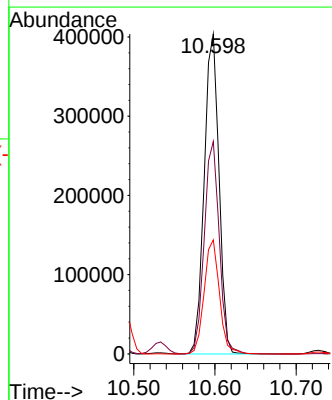
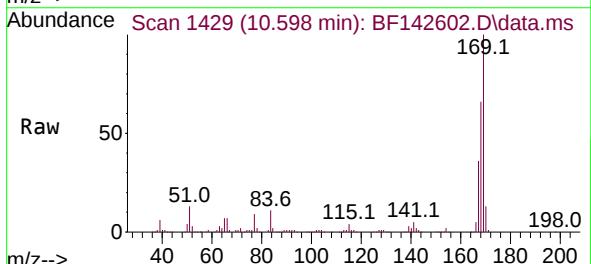
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

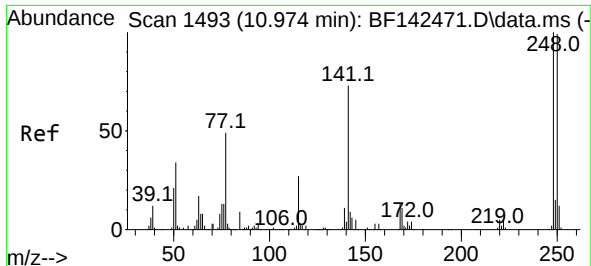
Tgt Ion:198 Resp: 87089
Ion Ratio Lower Upper
198 100
51 44.9 28.3 68.3
105 39.1 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 37.861 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:169 Resp: 510277
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.6 28.3 42.5

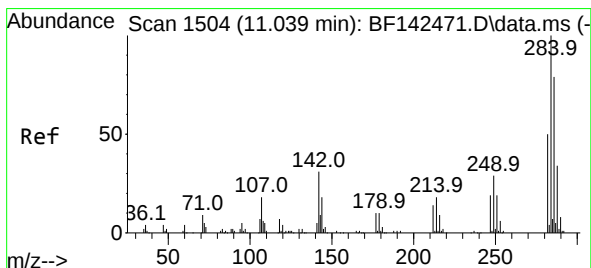
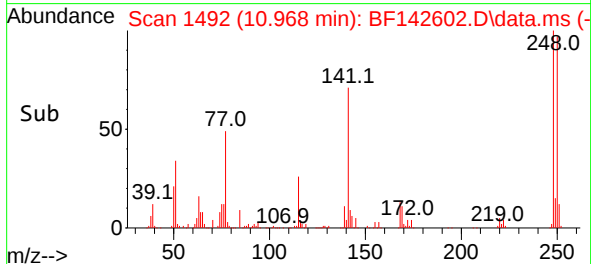
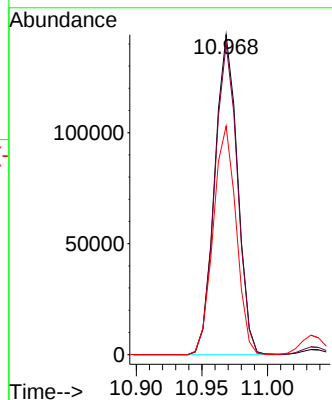
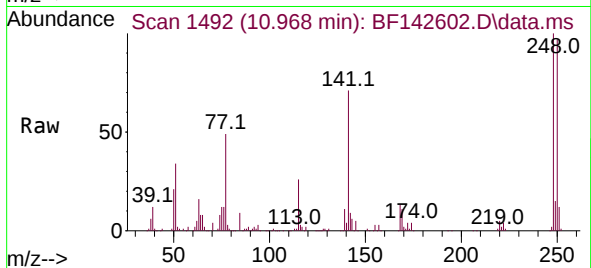




#67
4-Bromophenyl-phenylether
Concen: 37.439 ng
RT: 10.968 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

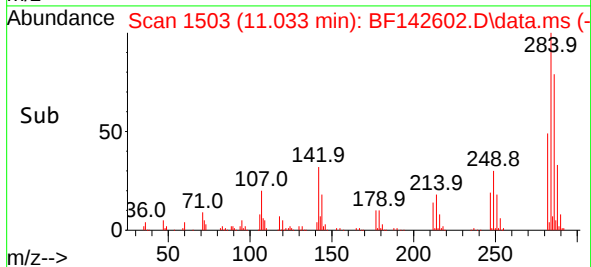
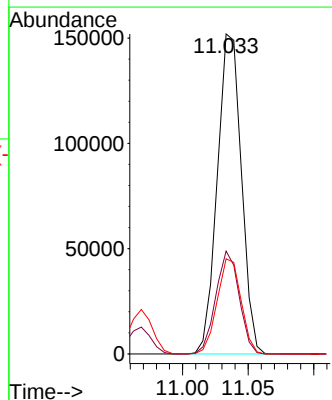
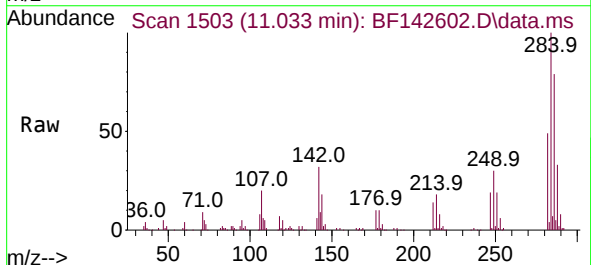
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

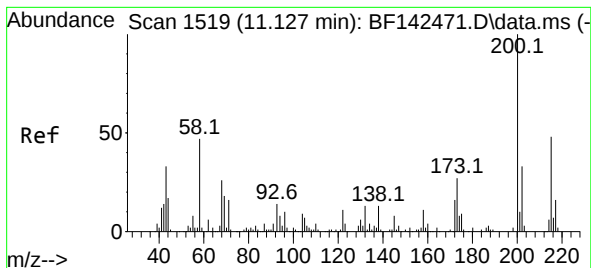
Tgt Ion:248 Resp: 174398
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 71.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.721 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:284 Resp: 194341
Ion Ratio Lower Upper
284 100
142 32.1 24.8 37.2
249 29.7 23.6 35.4





#69

Atrazine

Concen: 37.559 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

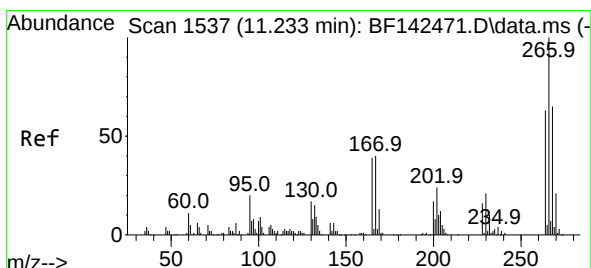
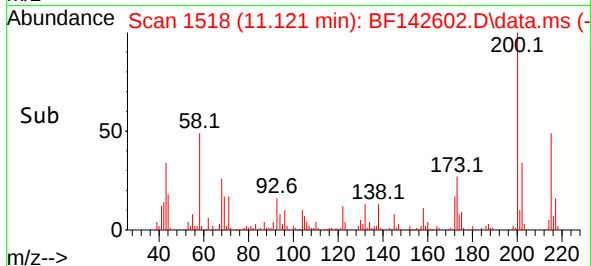
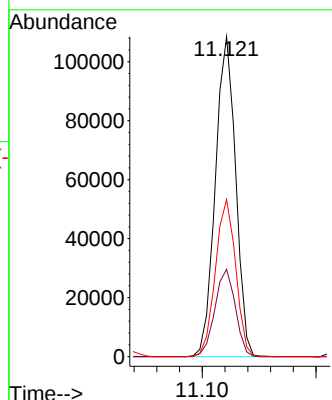
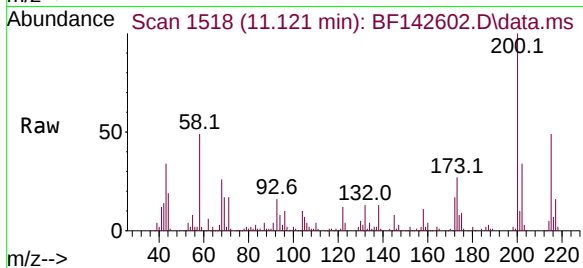
Tgt Ion:200 Resp: 134435

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 36.033 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

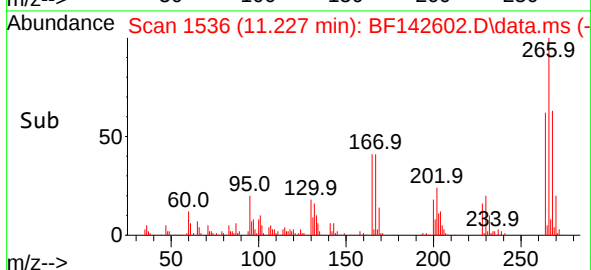
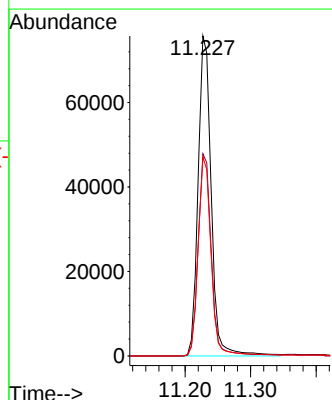
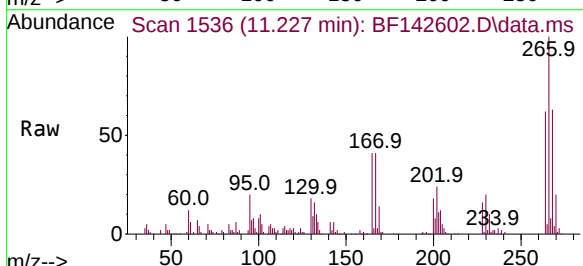
Tgt Ion:266 Resp: 104811

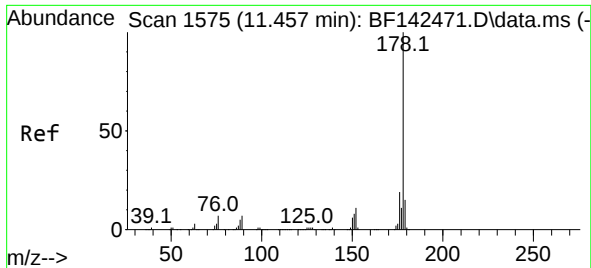
Ion Ratio Lower Upper

266 100

268 63.2 51.7 77.5

264 62.1 50.4 75.6

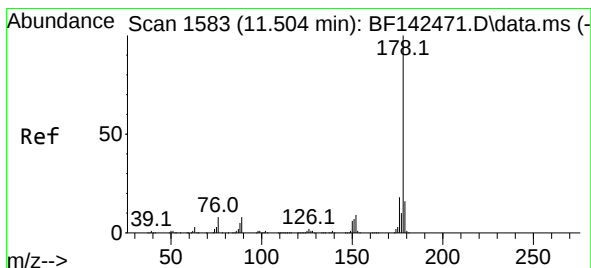
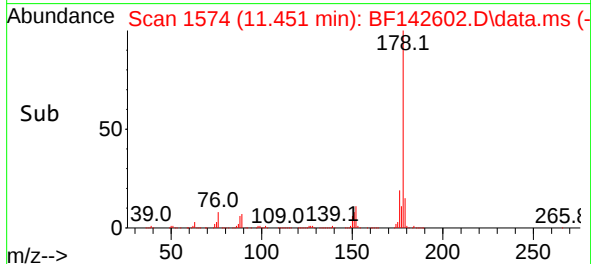
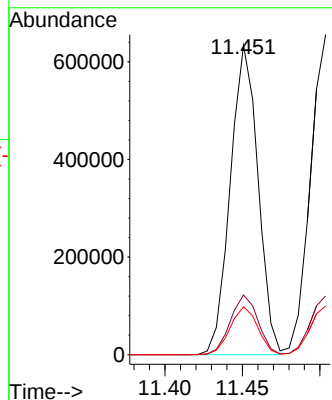
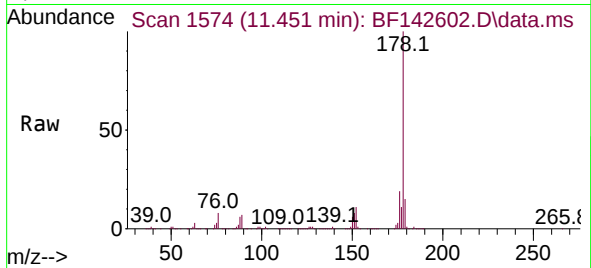




#71
Phenanthrene
Concen: 37.435 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

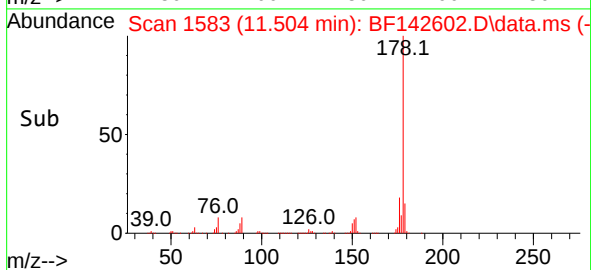
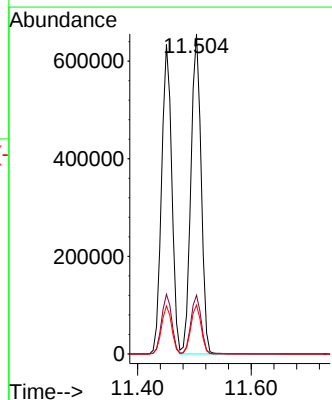
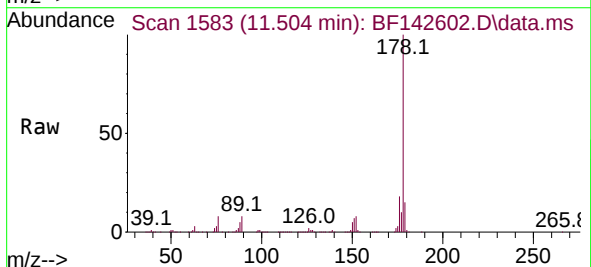
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

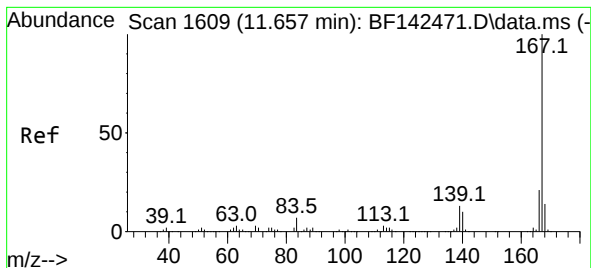
Tgt Ion:178 Resp: 788124
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 37.956 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:178 Resp: 815543
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.2 12.4 18.6





#73

Carbazole

Concen: 38.010 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

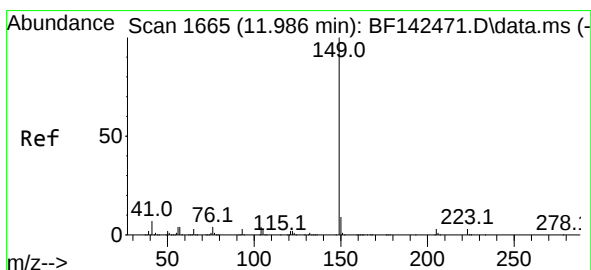
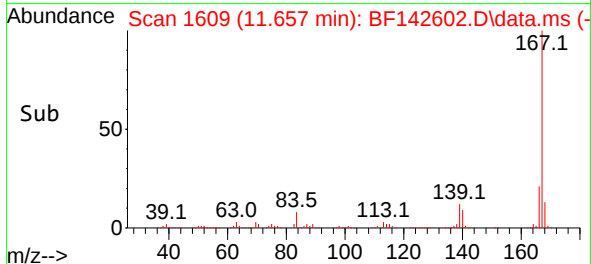
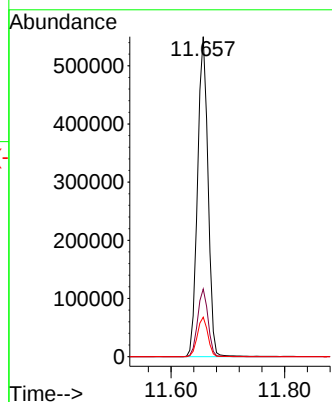
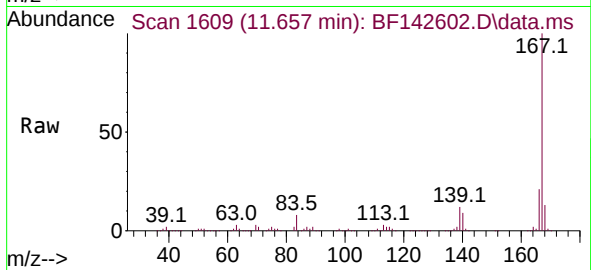
Tgt Ion:167 Resp: 698206

Ion Ratio Lower Upper

167 100

166 21.1 16.9 25.3

139 12.3 10.2 15.4



#74

Di-n-butylphthalate

Concen: 35.822 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

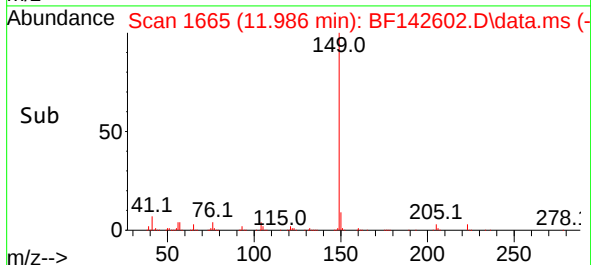
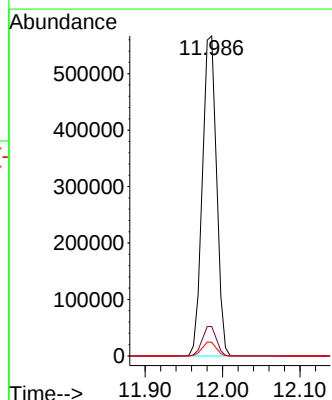
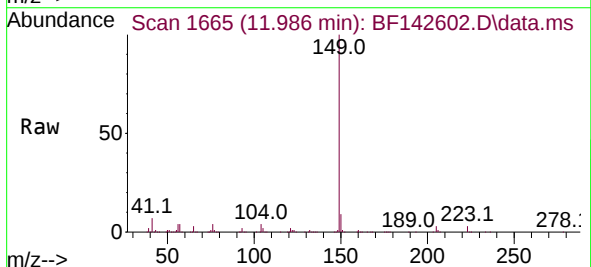
Tgt Ion:149 Resp: 720252

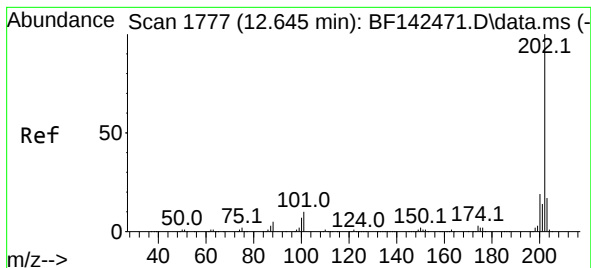
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 36.958 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

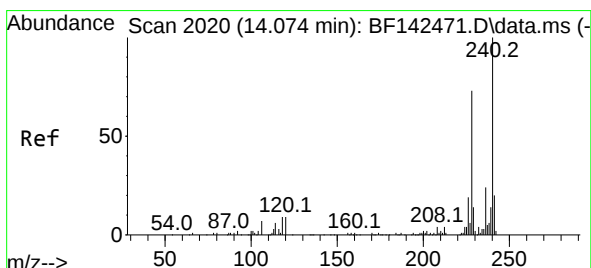
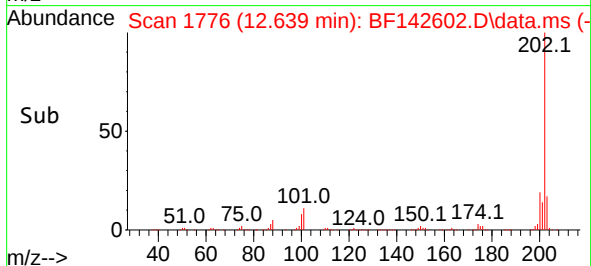
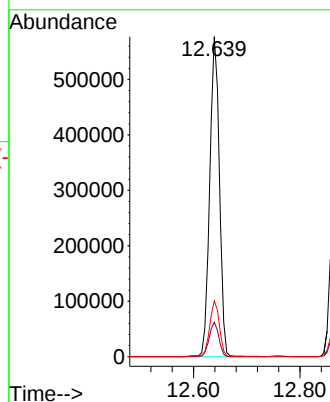
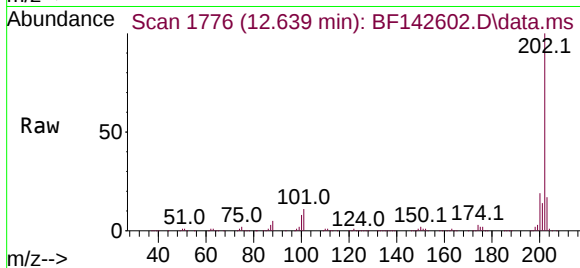
Tgt Ion:202 Resp: 727045

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

203 17.4 0.0 37.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

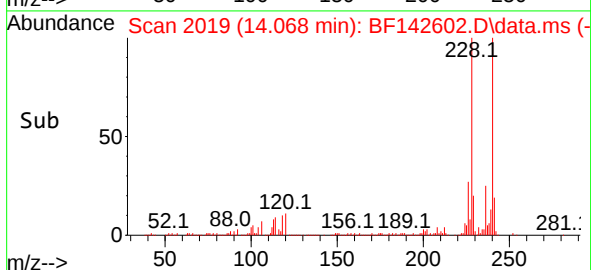
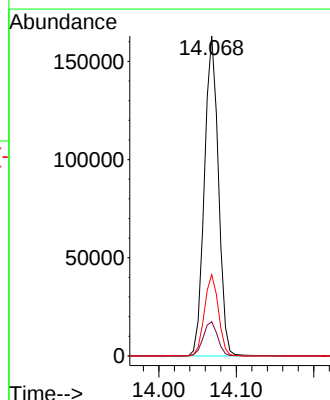
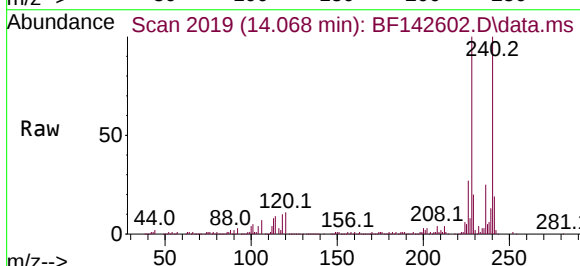
Tgt Ion:240 Resp: 204352

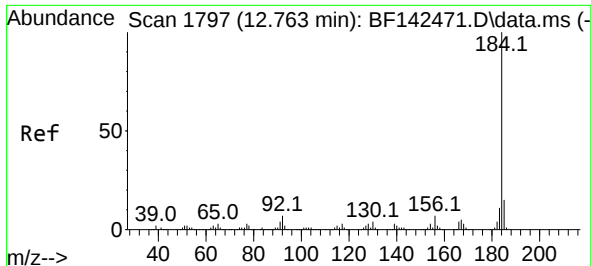
Ion Ratio Lower Upper

240 100

120 10.7 7.5 11.3

236 25.4 19.6 29.4

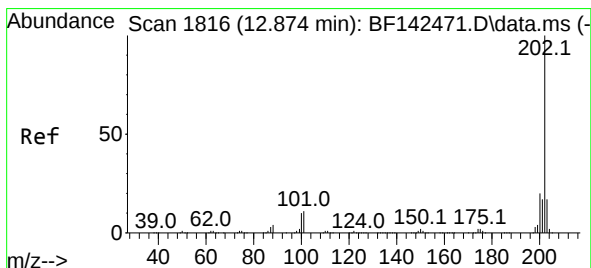
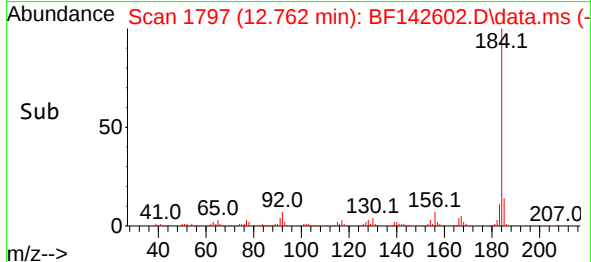
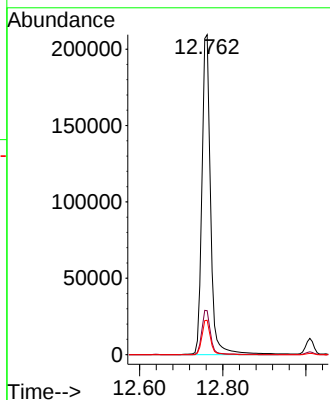
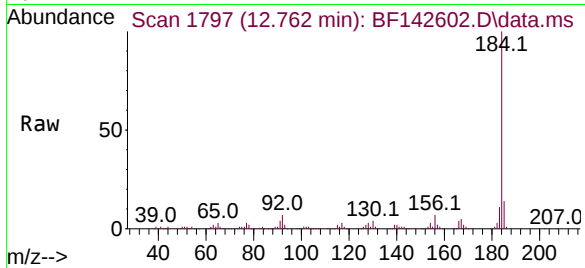




#77
Benzidine
Concen: 39.839 ng
RT: 12.762 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

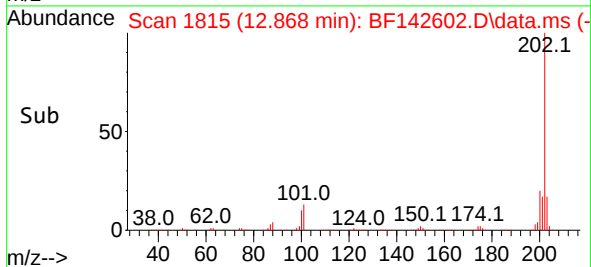
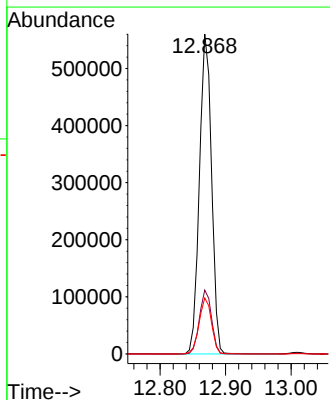
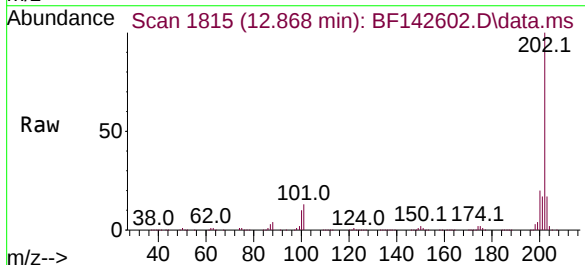
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

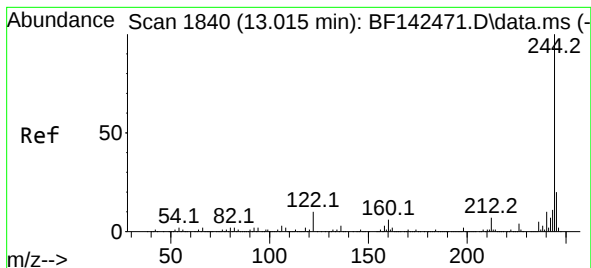
Tgt Ion:184 Resp: 302958
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 37.497 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:202 Resp: 714815
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 71.020 ng

RT: 13.009 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

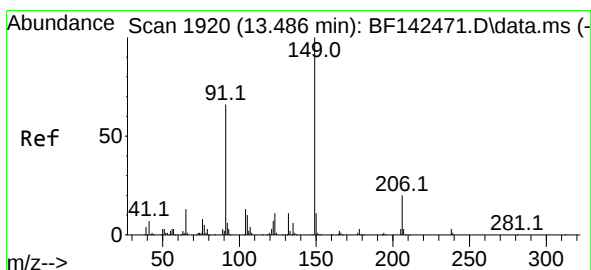
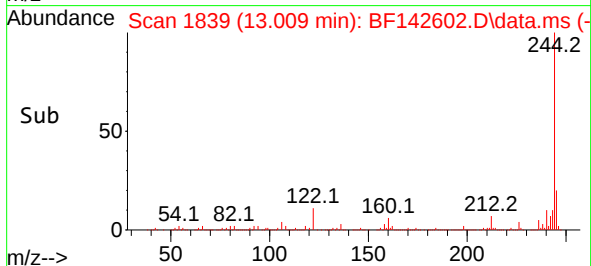
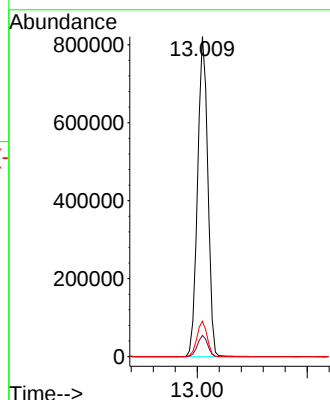
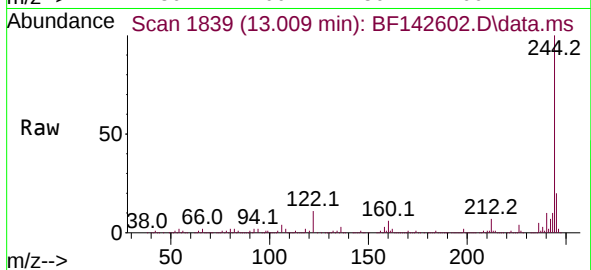
Tgt Ion:244 Resp: 1062022

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 40.465 ng

RT: 13.480 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

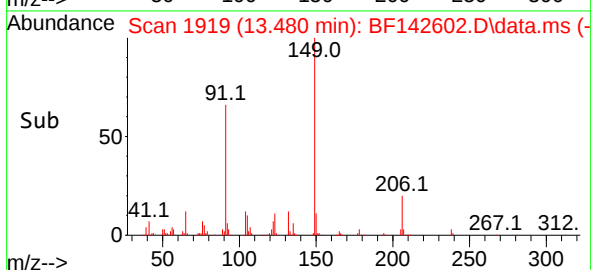
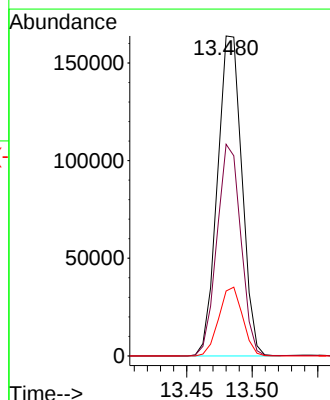
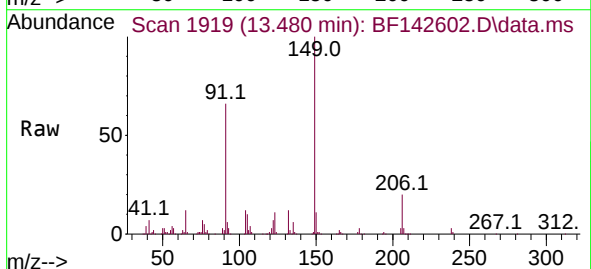
Tgt Ion:149 Resp: 213147

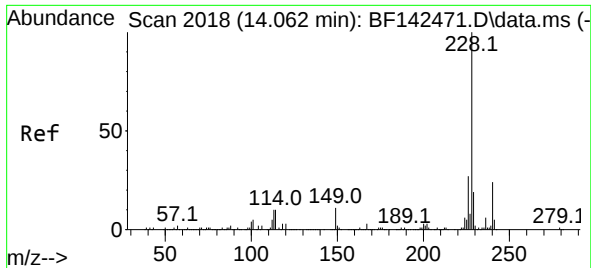
Ion Ratio Lower Upper

149 100

91 66.1 52.9 79.3

206 20.3 16.2 24.2

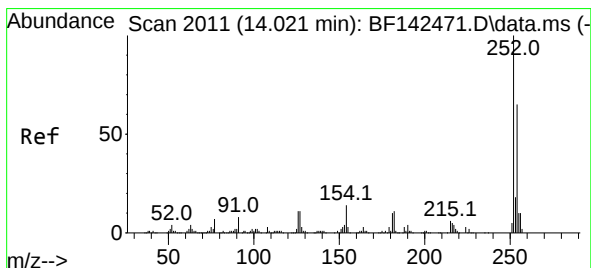
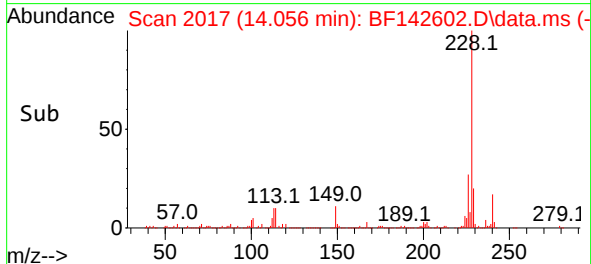
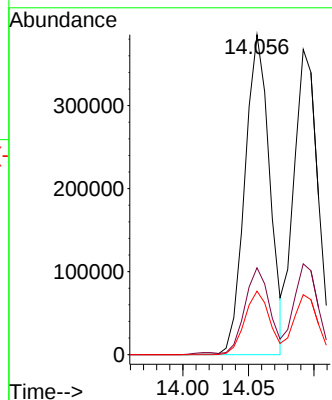
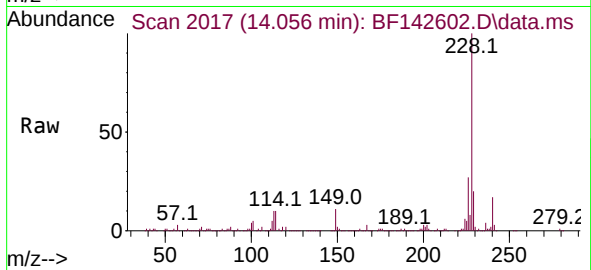




#81
Benzo(a)anthracene
Concen: 37.109 ng
RT: 14.056 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

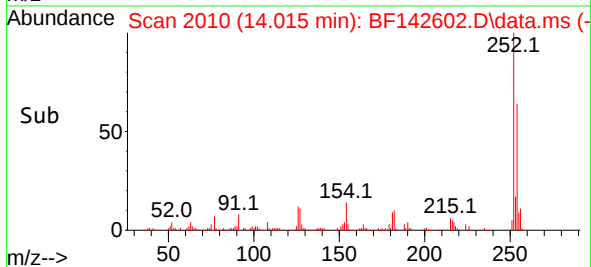
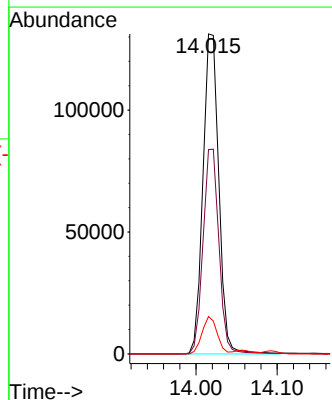
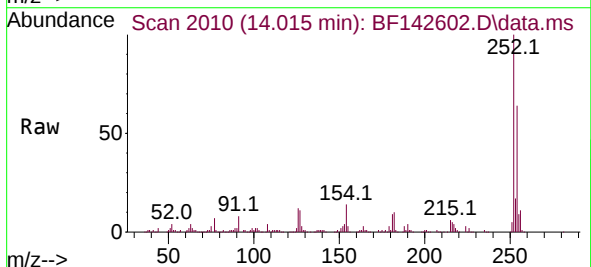
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

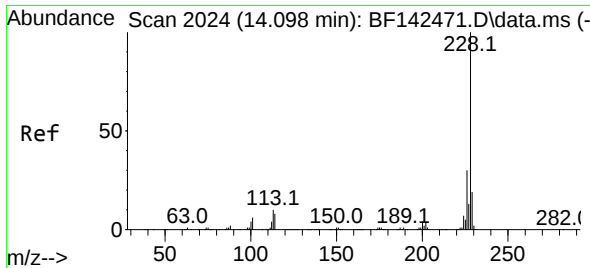
Tgt Ion:228 Resp: 506384
Ion Ratio Lower Upper
228 100
226 27.1 21.2 31.8
229 19.8 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.004 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:252 Resp: 177988
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 11.7 8.9 13.3

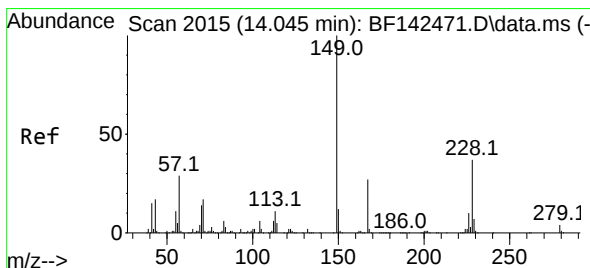
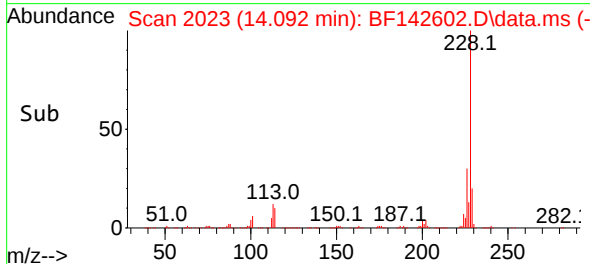
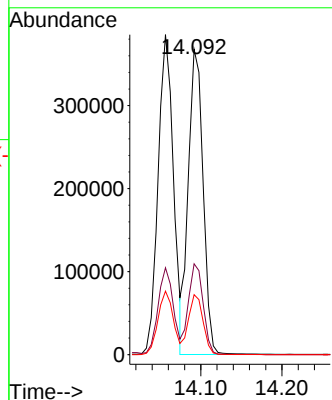
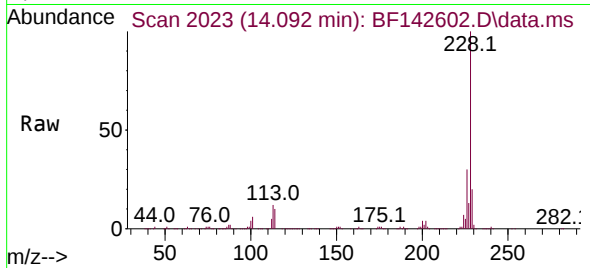




#83
Chrysene
Concen: 37.957 ng
RT: 14.092 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

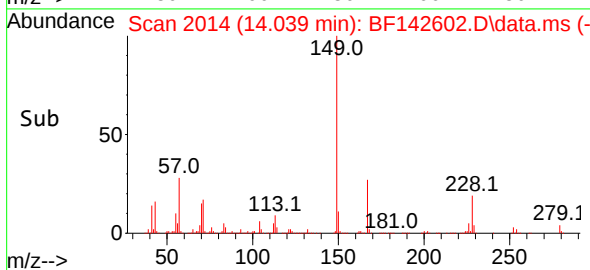
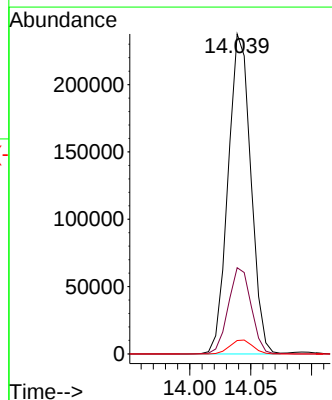
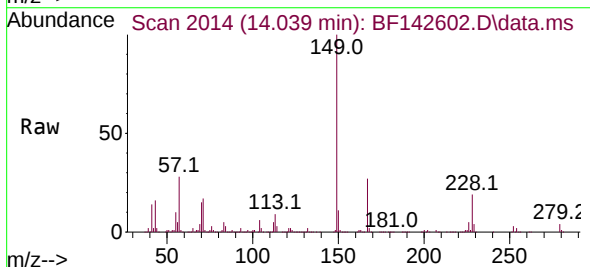
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

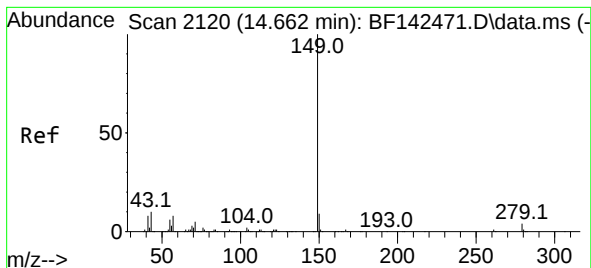
Tgt Ion:228 Resp: 465406
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.6 15.4 23.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.778 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:149 Resp: 308685
Ion Ratio Lower Upper
149 100
167 26.9 21.5 32.3
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.428 ng

RT: 14.656 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

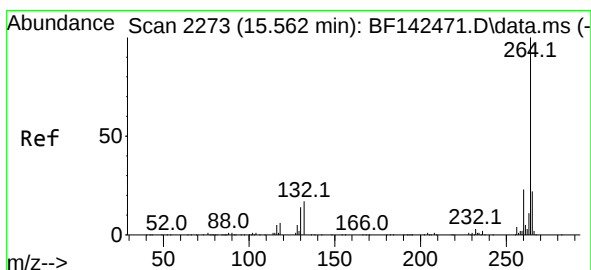
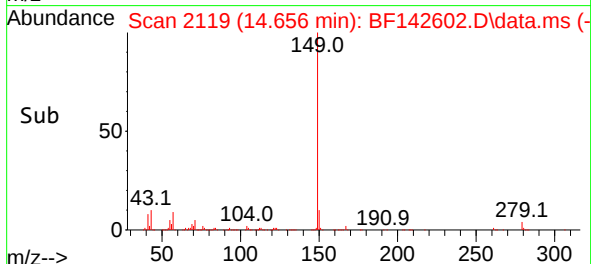
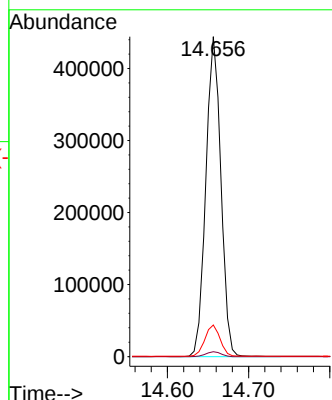
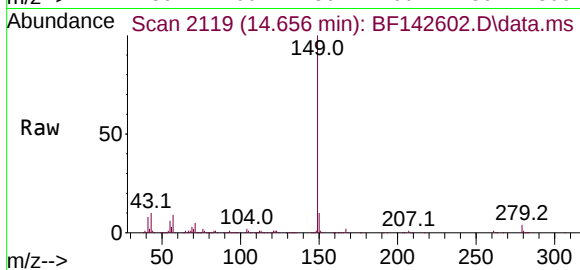
Tgt Ion:149 Resp: 572594

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

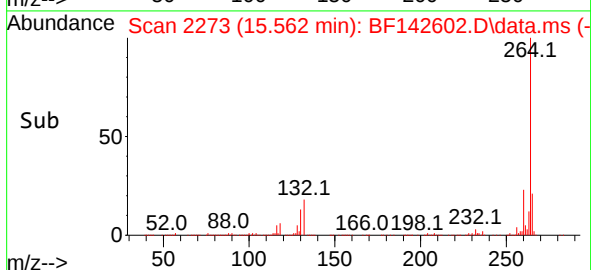
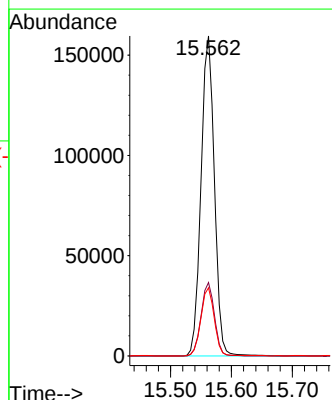
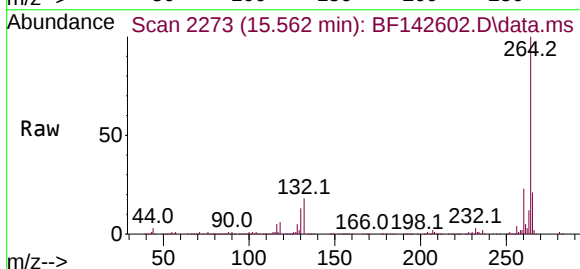
Tgt Ion:264 Resp: 242845

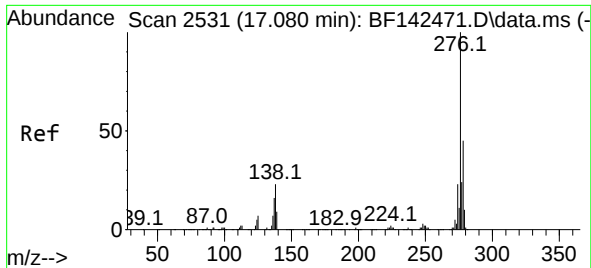
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.3 17.7 26.5

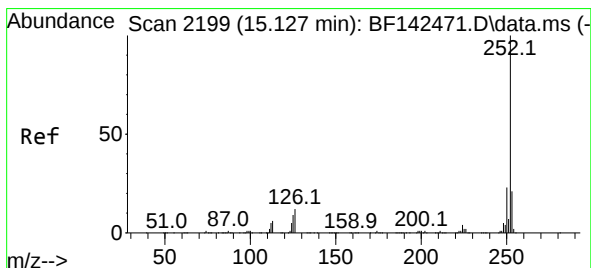
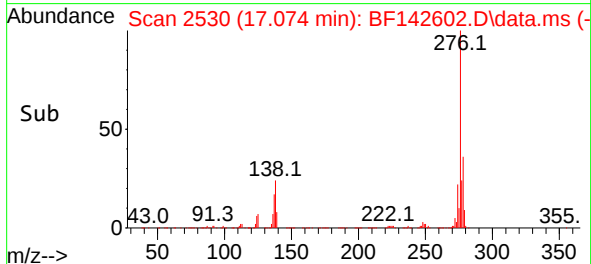
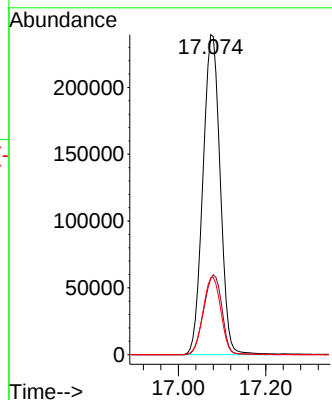
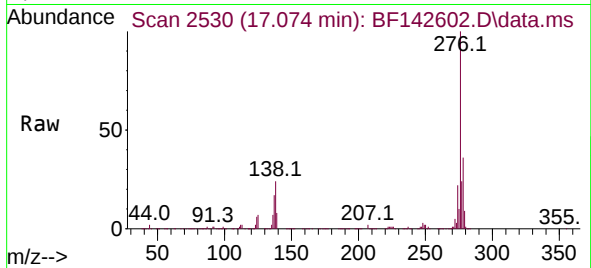




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.877 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

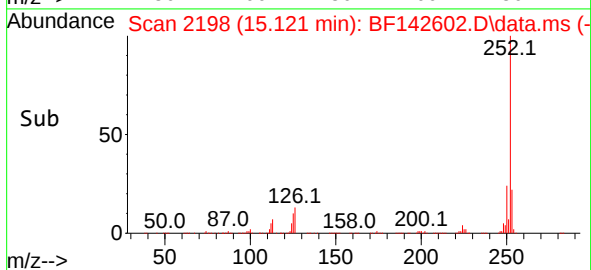
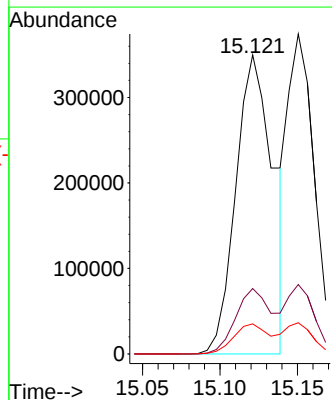
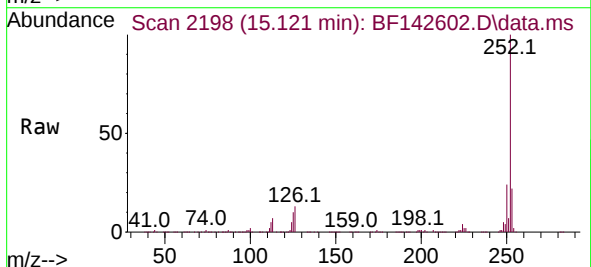
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

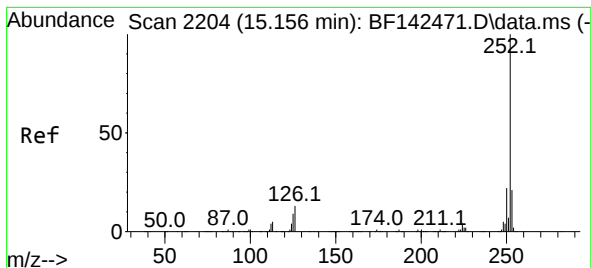
Tgt Ion:276 Resp: 654088
Ion Ratio Lower Upper
276 100
138 26.4 19.9 29.9
277 24.9 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.738 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:252 Resp: 585519
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.1 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 33.350 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

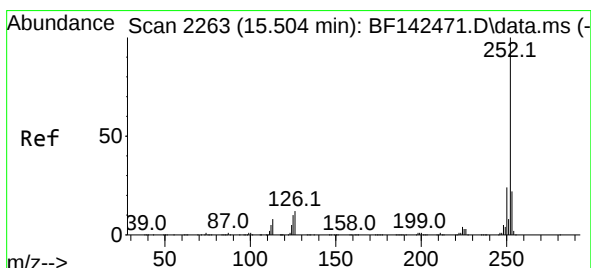
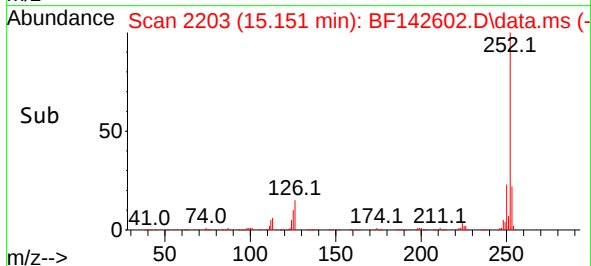
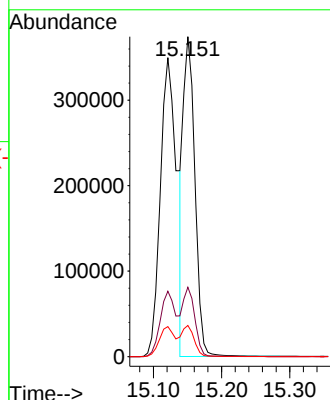
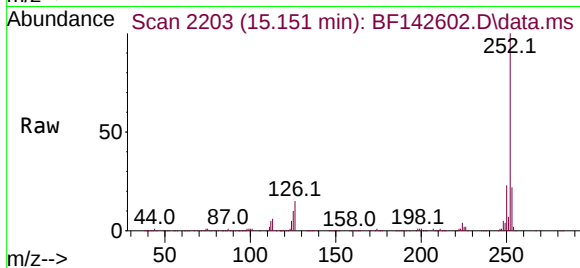
Tgt Ion:252 Resp: 448939

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.8 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.084 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142602.D

Acq: 04 Jun 2025 12:27

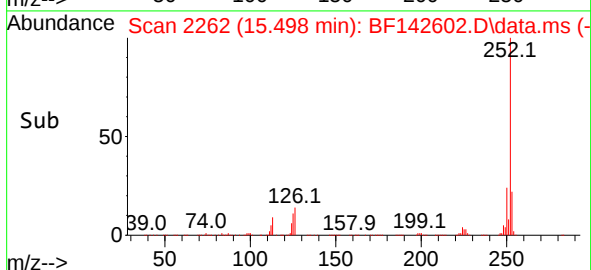
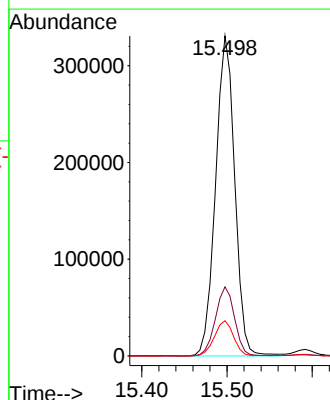
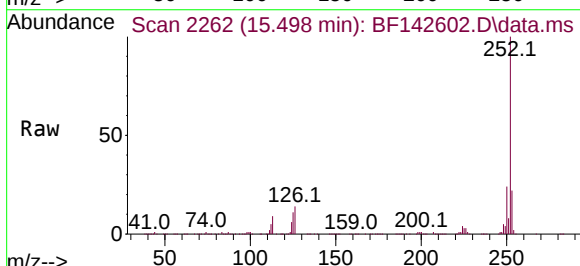
Tgt Ion:252 Resp: 515945

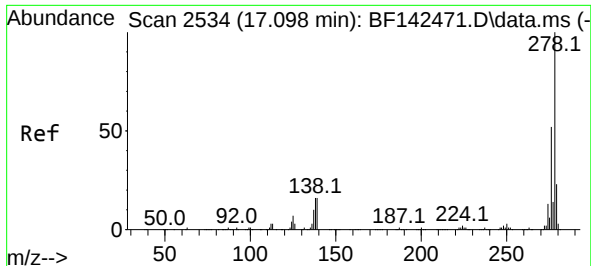
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 11.0 7.9 11.9

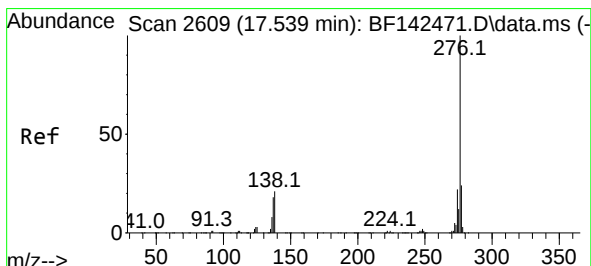
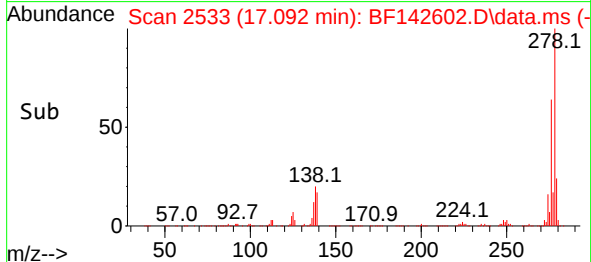
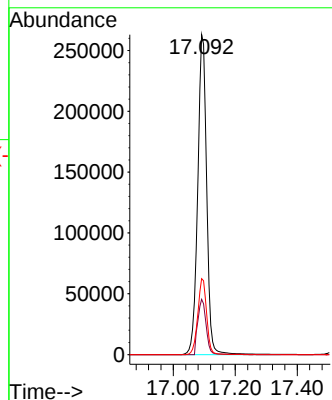
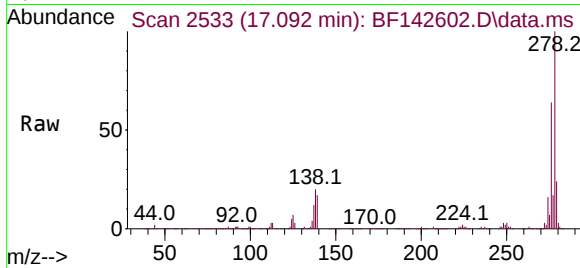




#91
Dibenzo(a,h)anthracene
Concen: 35.656 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 527220
Ion Ratio Lower Upper
278 100
139 17.3 12.8 19.2
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 35.281 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.024 min
Lab File: BF142602.D
Acq: 04 Jun 2025 12:27

Tgt Ion:276 Resp: 521791
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 23.5 16.8 25.2

