

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142274.D
 Acq On : 02 May 2025 10:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 02 11:50:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	189457	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	747235	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	389025	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	652685	20.000	ng	0.00
76) Chrysene-d12	14.068	240	354752	20.000	ng	0.00
86) Perylene-d12	15.557	264	327562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	905917	76.366	ng	0.00
7) Phenol-d6	6.522	99	1104282	77.087	ng	0.00
23) Nitrobenzene-d5	7.469	82	992335	87.247	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	295525	83.329	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2012359	72.935	ng	0.00
79) Terphenyl-d14	13.016	244	1907599	78.207	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	199149	37.589	ng	97
3) Pyridine	3.457	79	524389	38.083	ng	99
4) n-Nitrosodimethylamine	3.404	42	276556	38.811	ng	99
6) Aniline	6.569	93	768076	37.880	ng	99
8) 2-Chlorophenol	6.687	128	480593	39.206	ng	98
9) Benzaldehyde	6.457	77	378814	37.835	ng	99
10) Phenol	6.540	94	631798	40.967	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	452236	37.841	ng	99
12) 1,3-Dichlorobenzene	6.851	146	524346	37.811	ng	100
13) 1,4-Dichlorobenzene	6.928	146	516930	36.999	ng	99
14) 1,2-Dichlorobenzene	7.081	146	505354	37.888	ng	99
15) Benzyl Alcohol	7.045	79	393158	38.697	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	817791	37.895	ng	99
17) 2-Methylphenol	7.151	107	380905	37.931	ng	99
18) Hexachloroethane	7.422	117	179209	39.190	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	330837	37.373	ng	97
20) 3+4-Methylphenols	7.304	107	490537	39.062	ng	94
22) Acetophenone	7.316	105	628918	36.381	ng	98
24) Nitrobenzene	7.487	77	470320	42.143	ng	99
25) Isophorone	7.728	82	878449	36.800	ng	99
26) 2-Nitrophenol	7.804	139	201999	43.995	ng	97
27) 2,4-Dimethylphenol	7.834	122	458385	38.087	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	552958	36.730	ng	100
29) 2,4-Dichlorophenol	8.039	162	389539	38.714	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	414934	36.954	ng	100
31) Naphthalene	8.210	128	1363971	36.602	ng	100
32) Benzoic acid	7.928	122	223909	41.102	ng	99
33) 4-Chloroaniline	8.257	127	579952	37.373	ng	99
34) Hexachlorobutadiene	8.328	225	245743	37.512	ng	98
35) Caprolactam	8.622	113	120939	39.988	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	397404	38.463	ng	98
37) 2-Methylnaphthalene	8.904	142	837448	36.551	ng	100
38) 1-Methylnaphthalene	9.004	142	871131	36.702	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	405798	37.065	ng	99
41) Hexachlorocyclopentadiene	9.057	237	254671	40.985	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	280415	41.332	ng	99

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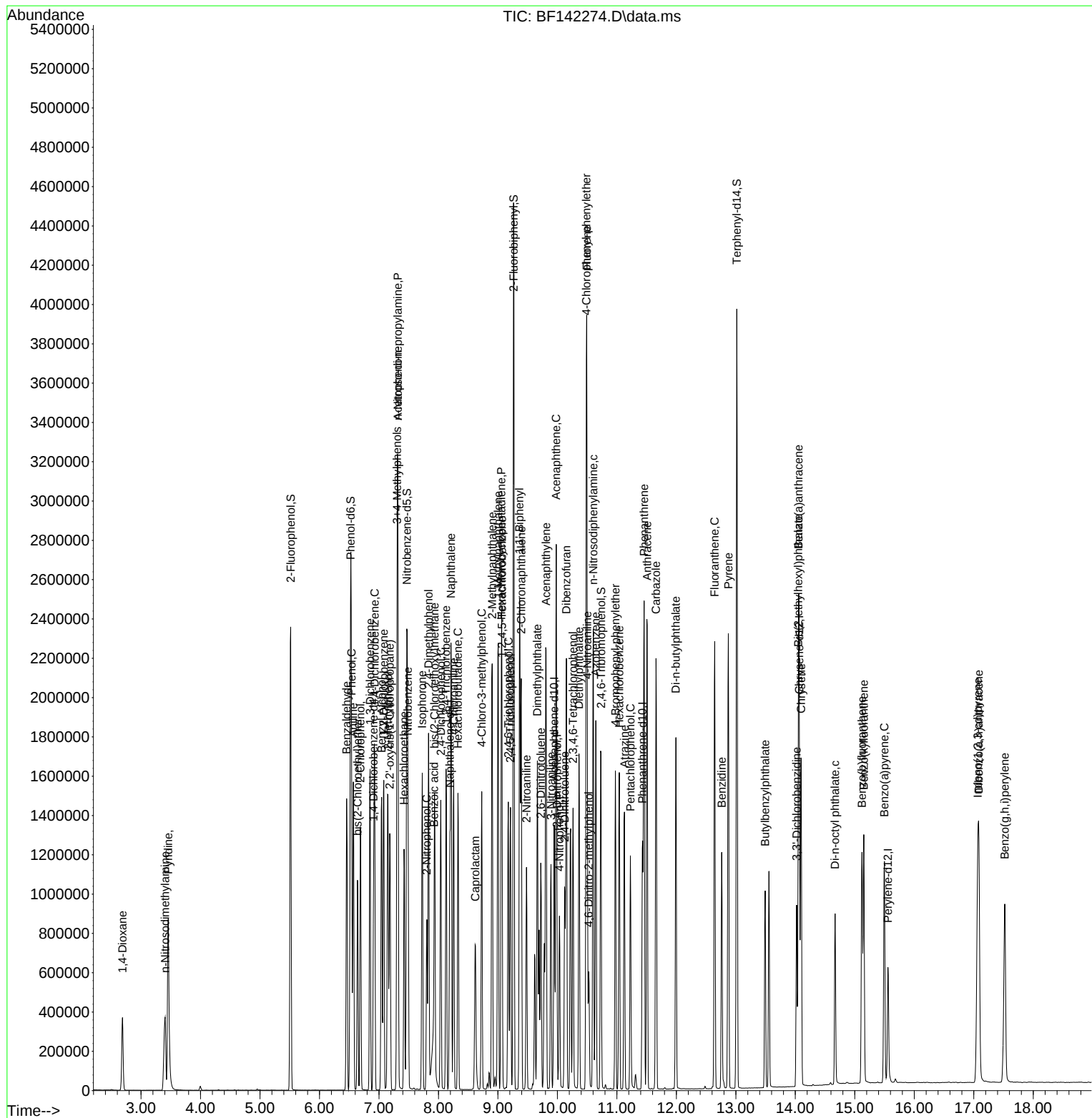
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	282545	39.611	ng	98
46) 1,1'-Biphenyl	9.363	154	1118632	36.988	ng	99
47) 2-Chloronaphthalene	9.392	162	833002	37.021	ng	100
48) 2-Nitroaniline	9.481	65	245382	42.014	ng	97
49) Acenaphthylene	9.810	152	1407244	37.062	ng	99
50) Dimethylphthalate	9.663	163	931138	37.413	ng	100
51) 2,6-Dinitrotoluene	9.722	165	191021	40.686	ng	98
52) Acenaphthene	9.981	154	832658	37.558	ng	99
53) 3-Nitroaniline	9.892	138	232079	40.499	ng	97
54) 2,4-Dinitrophenol	9.992	184	66816	50.599	ng	91
55) Dibenzofuran	10.151	168	1230121	37.015	ng	100
56) 4-Nitrophenol	10.033	139	176430	45.101	ng	98
57) 2,4-Dinitrotoluene	10.122	165	244640	42.928	ng	100
58) Fluorene	10.492	166	931222	36.852	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	240492	40.702	ng	99
60) Diethylphthalate	10.363	149	912963	37.148	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	441273	36.772	ng	97
62) 4-Nitroaniline	10.504	138	220163	42.072	ng	98
63) Azobenzene	10.645	77	895687	36.907	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	97288	45.858	ng	97
66) n-Nitrosodiphenylamine	10.604	169	829293	37.187	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	277516	38.179	ng	100
68) Hexachlorobenzene	11.039	284	302639	37.175	ng	98
69) Atrazine	11.128	200	228706	38.907	ng	99
70) Pentachlorophenol	11.227	266	178739	41.560	ng	98
71) Phenanthrene	11.457	178	1313668	37.261	ng	100
72) Anthracene	11.510	178	1349761	37.446	ng	99
73) Carbazole	11.657	167	1245984	37.893	ng	99
74) Di-n-butylphthalate	11.992	149	1235690	37.366	ng	99
75) Fluoranthene	12.645	202	1316477	37.775	ng	99
77) Benzidine	12.763	184	629233	41.743	ng	100
78) Pyrene	12.874	202	1327219	40.557	ng	100
80) Butylbenzylphthalate	13.492	149	318246	36.531	ng	98
81) Benzo(a)anthracene	14.057	228	917653	38.532	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	264696	37.840	ng	99
83) Chrysene	14.098	228	786998	36.304	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	344949	29.284	ng	100
85) Di-n-octyl phthalate	14.668	149	576205	28.225	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	957230	39.896	ng	100
88) Benzo(b)fluoranthene	15.121	252	702872	34.545	ng	99
89) Benzo(k)fluoranthene	15.151	252	719163	38.642	ng	99
90) Benzo(a)pyrene	15.498	252	703822	37.783	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	781717	40.144	ng	99
92) Benzo(g,h,i)perylene	17.521	276	796796	40.703	ng	100

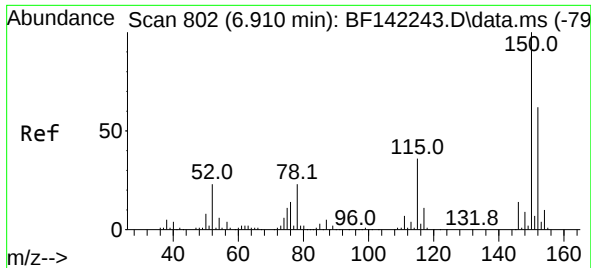
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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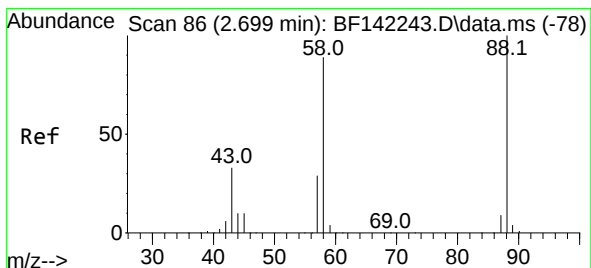
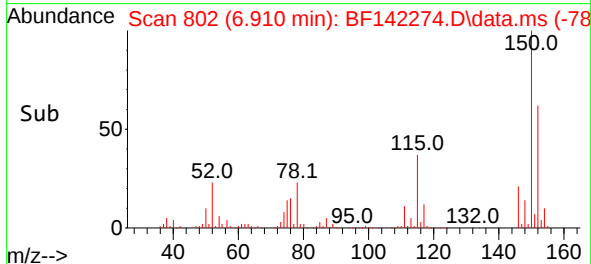
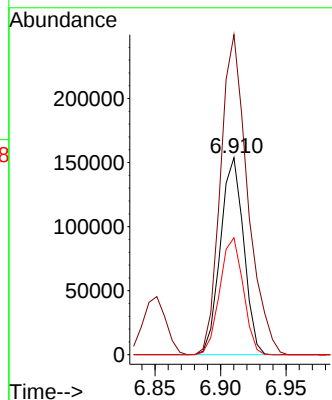
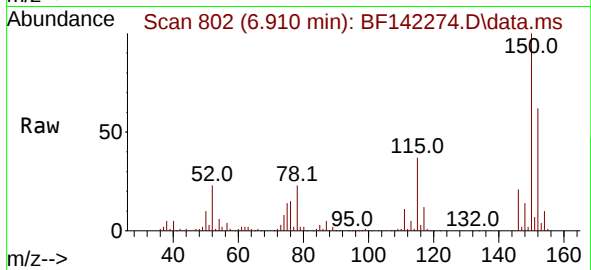




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142274.D
 Acq: 02 May 2025 10:39

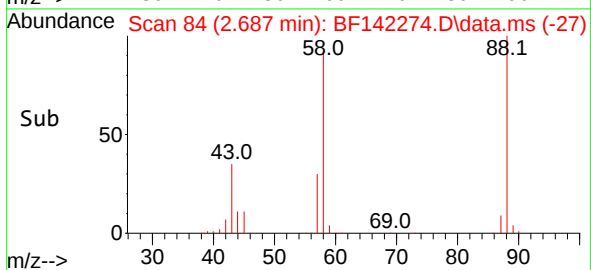
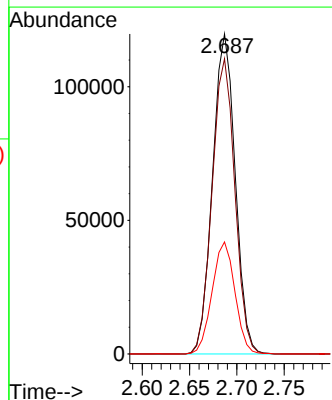
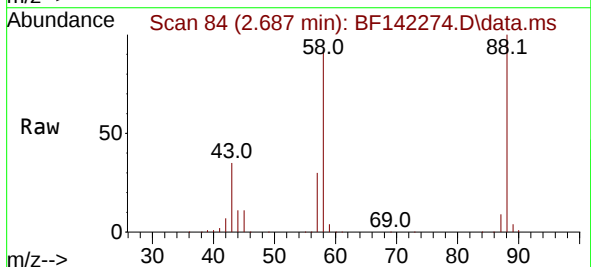
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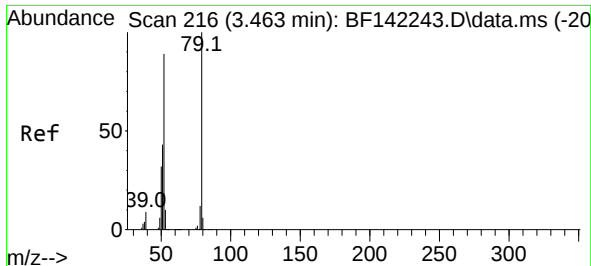
Tgt Ion:152 Resp: 189457
 Ion Ratio Lower Upper
 152 100
 150 162.5 130.2 195.2
 115 59.4 47.0 70.4



#2
 1,4-Dioxane
 Concen: 37.589 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BF142274.D
 Acq: 02 May 2025 10:39

Tgt Ion: 88 Resp: 199149
 Ion Ratio Lower Upper
 88 100
 58 92.8 72.2 108.2
 43 35.2 27.0 40.6

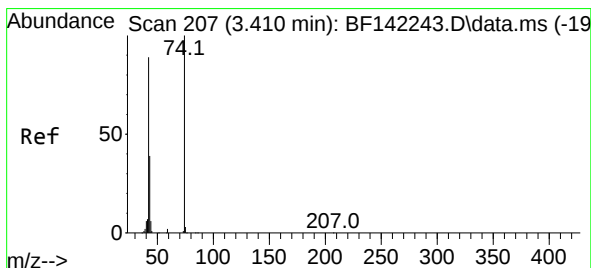
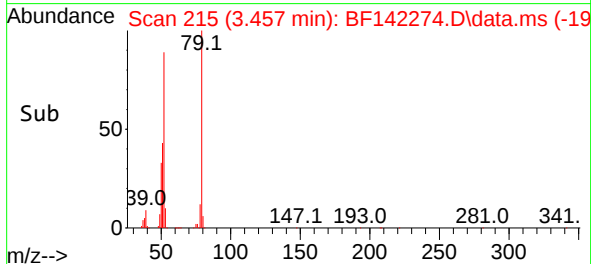
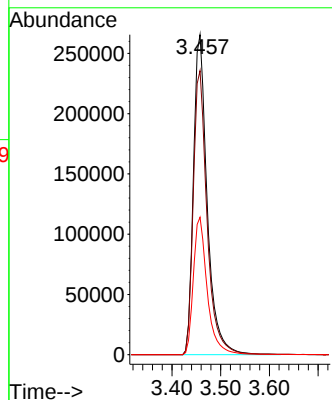
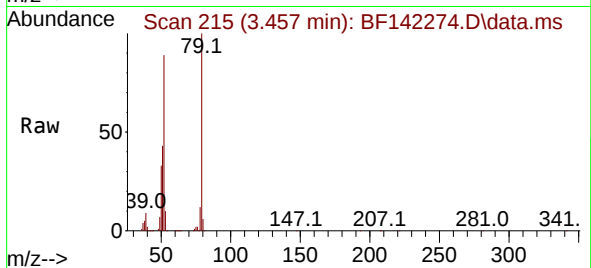




#3
Pyridine
Concen: 38.083 ng
RT: 3.457 min Scan# 216
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

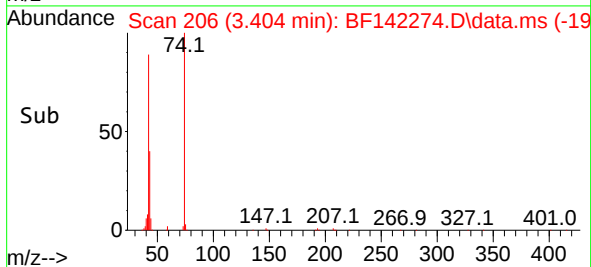
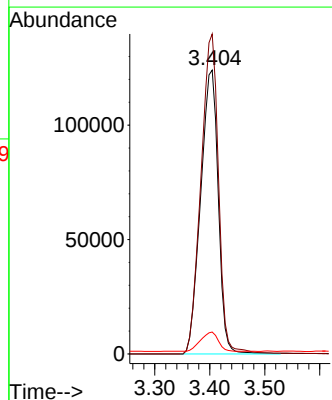
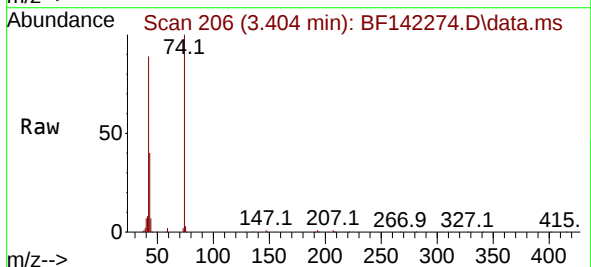
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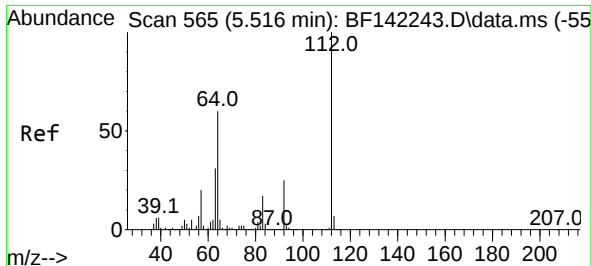
Tgt Ion: 79 Resp: 524389
Ion Ratio Lower Upper
79 100
52 88.7 71.5 107.3
51 43.0 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 38.811 ng
RT: 3.404 min Scan# 206
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 42 Resp: 276556
Ion Ratio Lower Upper
42 100
74 112.7 89.5 134.3
44 7.7 6.6 9.8

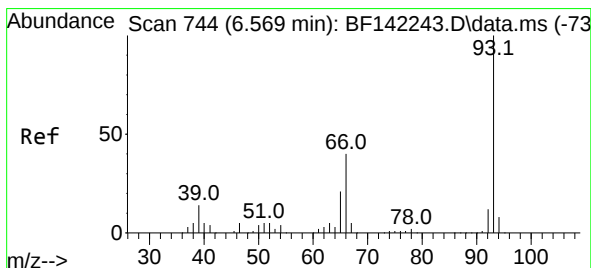
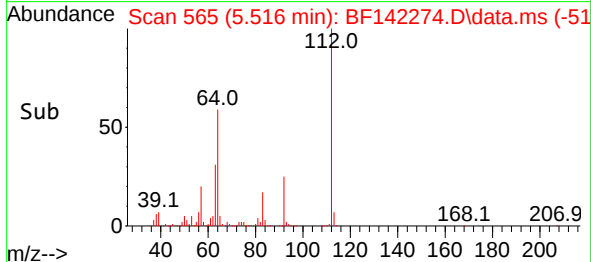
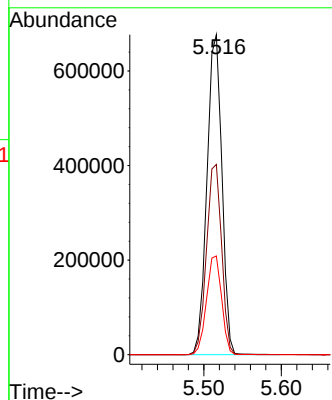
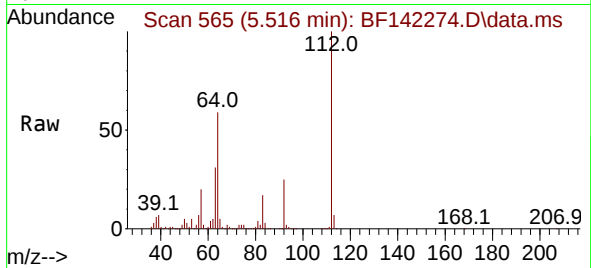




#5
2-Fluorophenol
Concen: 76.366 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

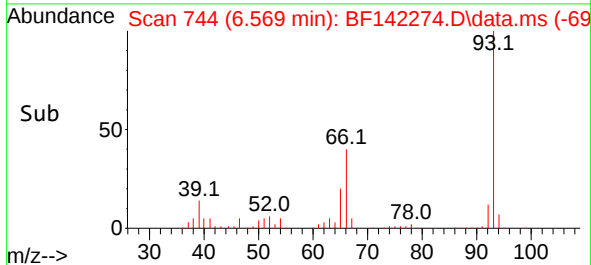
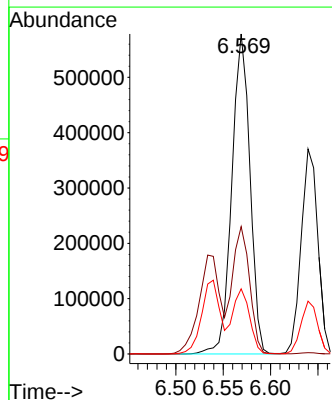
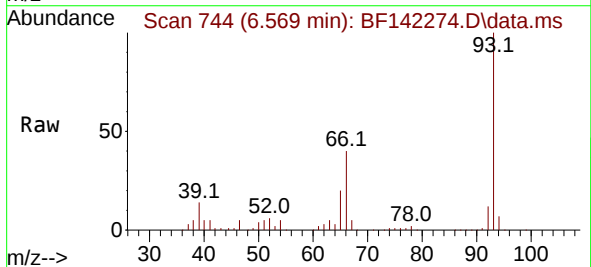
Instrument :
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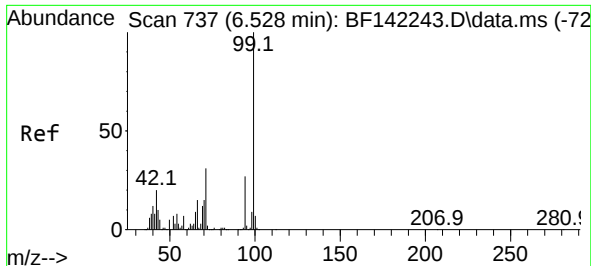
Tgt Ion:112 Resp: 905917
Ion Ratio Lower Upper
112 100
64 59.5 48.4 72.6
63 30.8 24.8 37.2



#6
Aniline
Concen: 37.880 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 93 Resp: 768076
Ion Ratio Lower Upper
93 100
66 39.8 32.1 48.1
65 20.4 16.6 24.8

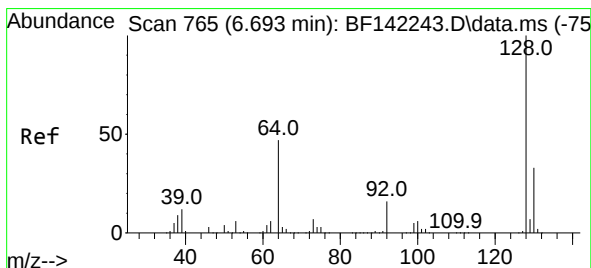
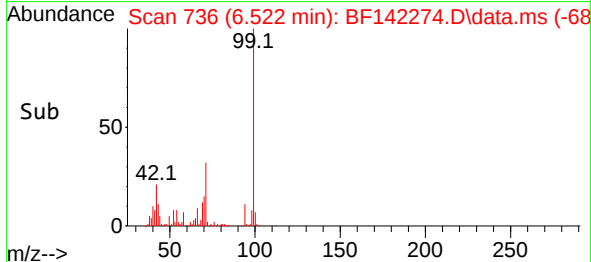
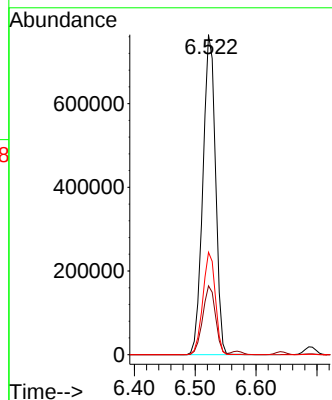
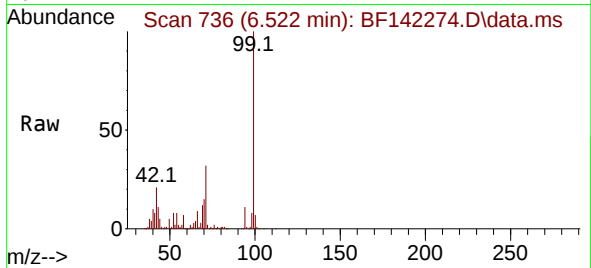




#7
Phenol-d6
Concen: 77.087 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142274.D
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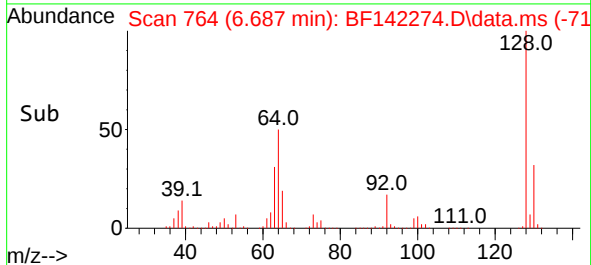
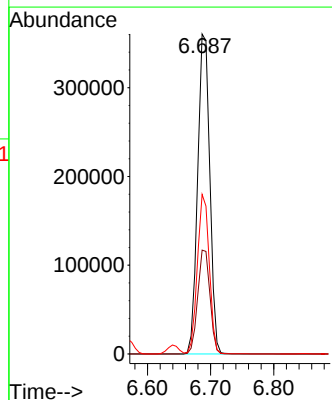
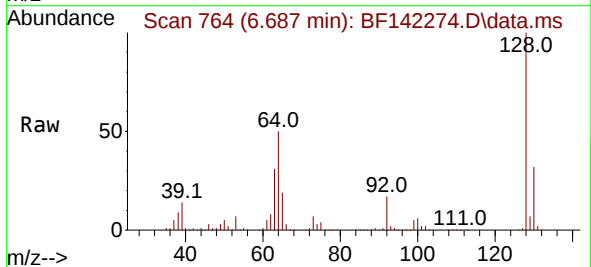
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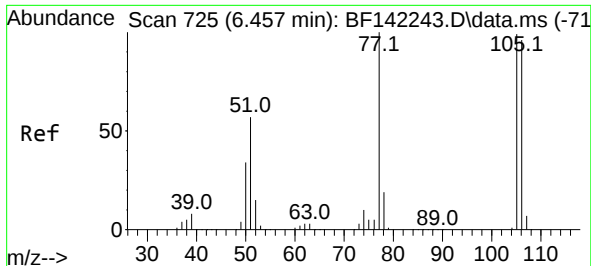
Tgt Ion: 99 Resp: 1104282
Ion Ratio Lower Upper
99 100
42 21.5 16.3 24.5
71 32.0 25.0 37.4



#8
2-Chlorophenol
Concen: 39.206 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 128 Resp: 480593
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 49.8 28.6 68.6





#9

Benzaldehyde

Concen: 37.835 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

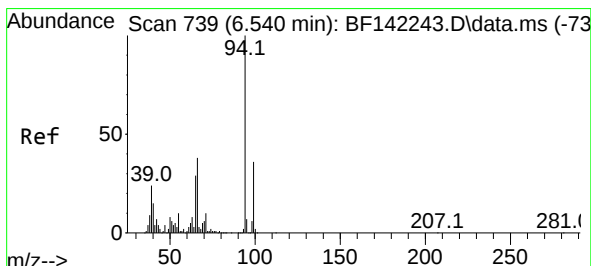
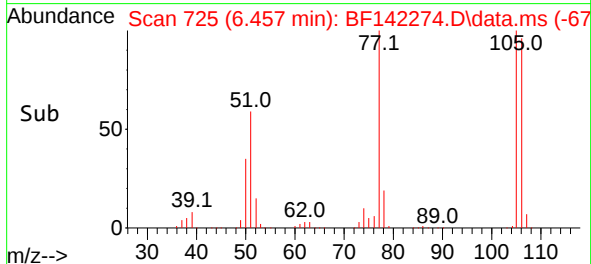
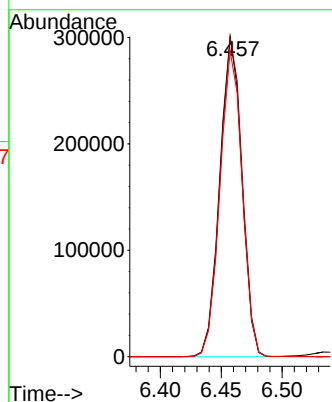
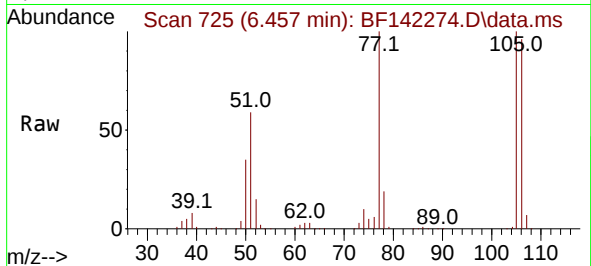
Tgt Ion: 77 Resp: 378814

Ion Ratio Lower Upper

77 100

105 99.9 79.1 119.1

106 95.6 76.0 116.0



#10

Phenol

Concen: 40.967 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

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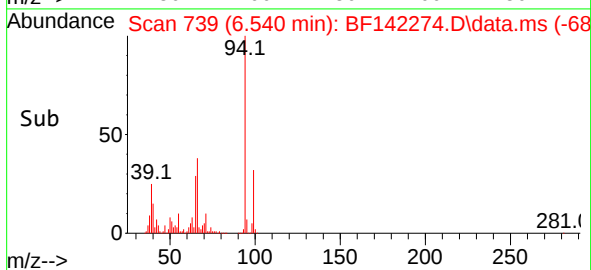
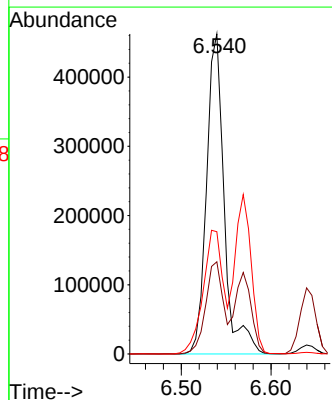
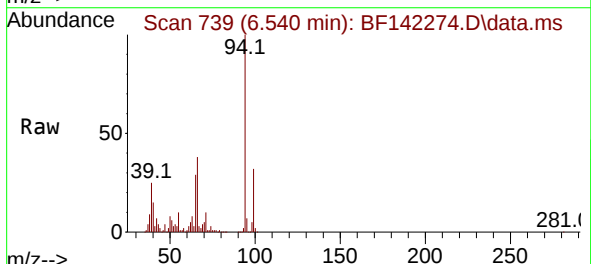
Tgt Ion: 94 Resp: 631798

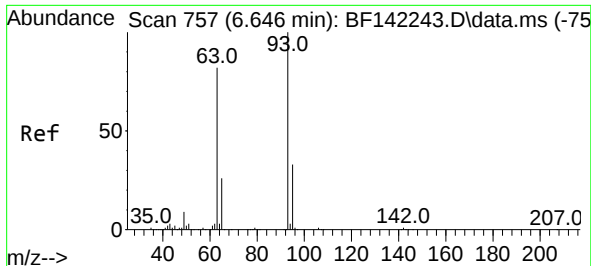
Ion Ratio Lower Upper

94 100

65 28.8 8.9 48.9

66 38.2 18.7 58.7

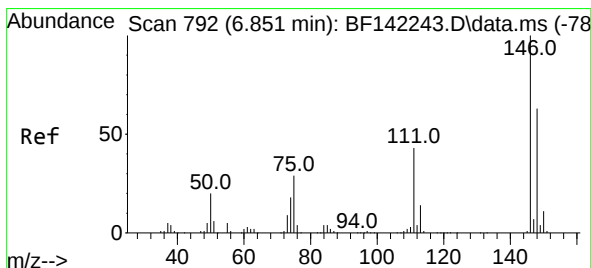
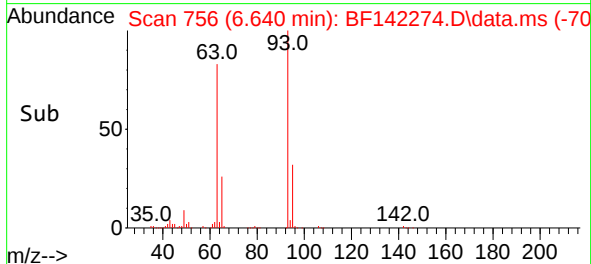
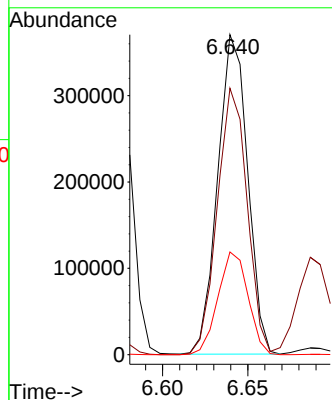
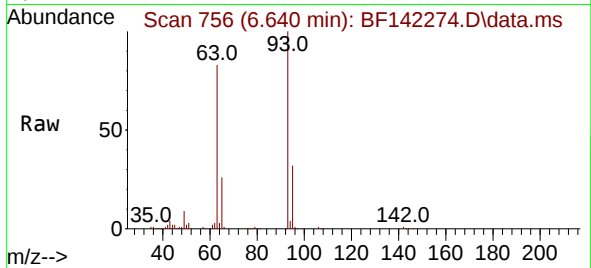




#11
bis(2-Chloroethyl)ether
Concen: 37.841 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

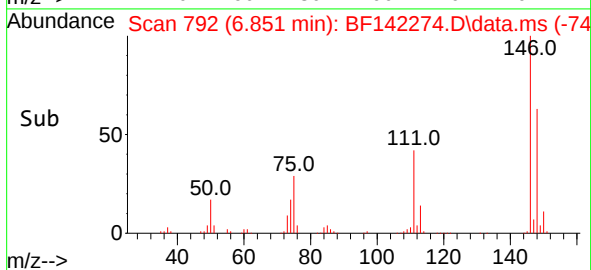
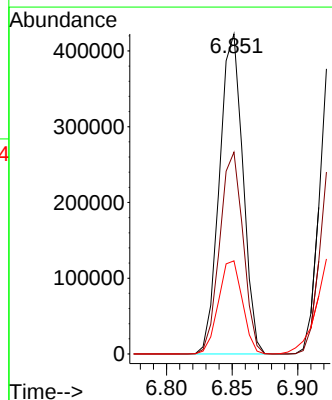
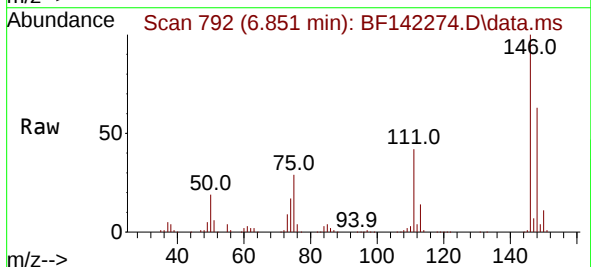
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

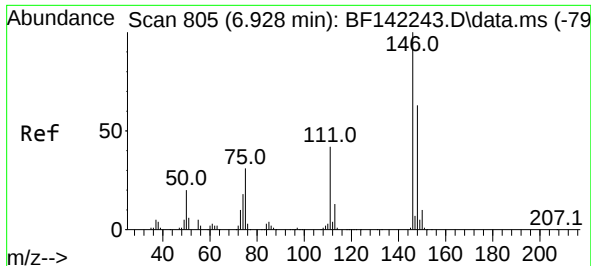
Tgt Ion: 93 Resp: 452236
Ion Ratio Lower Upper
93 100
63 83.2 62.2 102.2
95 32.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.811 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 146 Resp: 524346
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 29.1 23.2 34.8

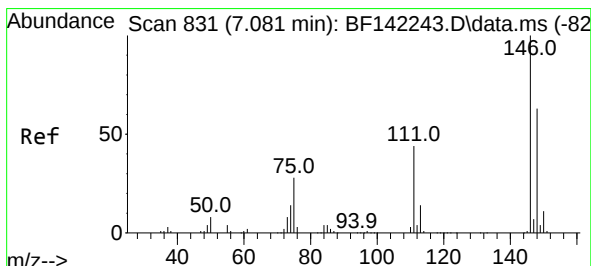
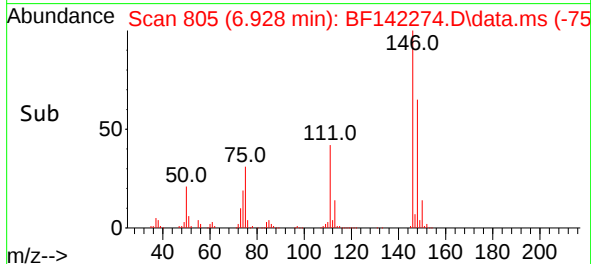
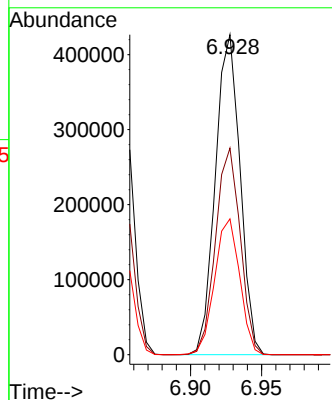
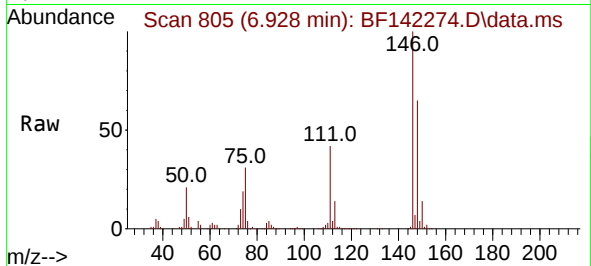




#13
1,4-Dichlorobenzene
Concen: 36.999 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

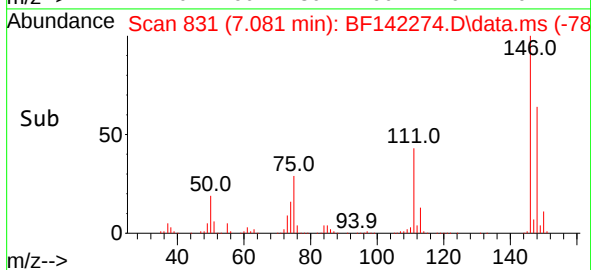
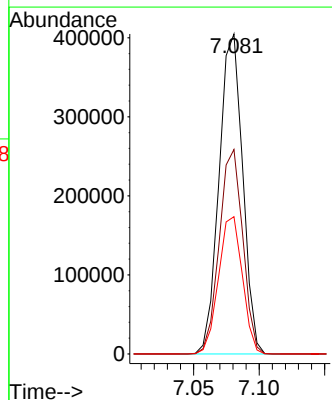
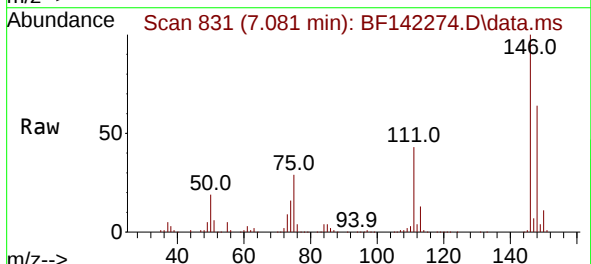
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

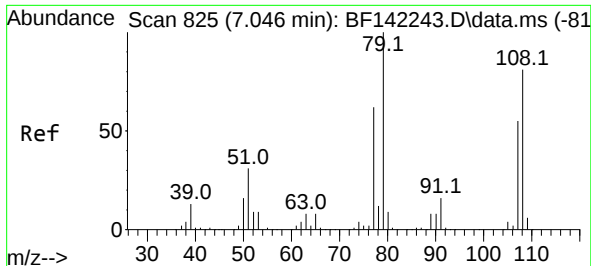
Tgt Ion:146 Resp: 516930
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
111 42.4 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 37.888 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:146 Resp: 505354
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 42.9 34.9 52.3

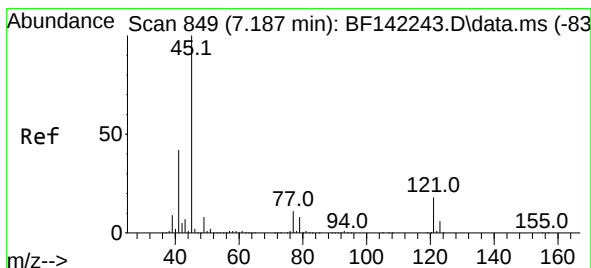
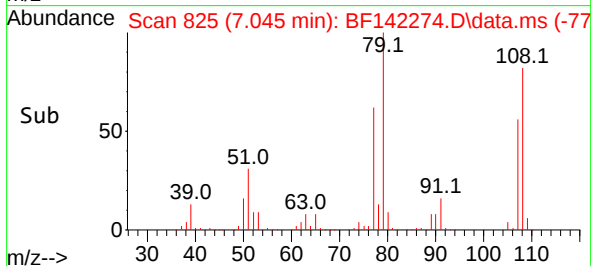
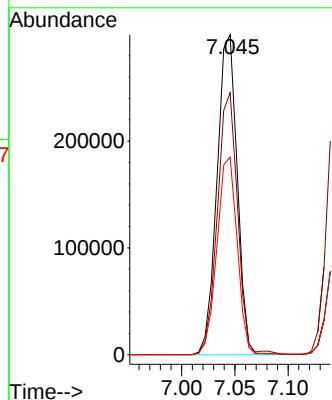
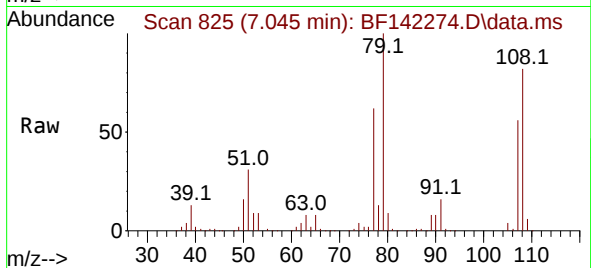




#15
Benzyl Alcohol
Concen: 38.697 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

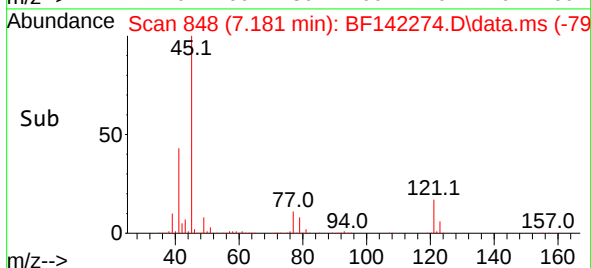
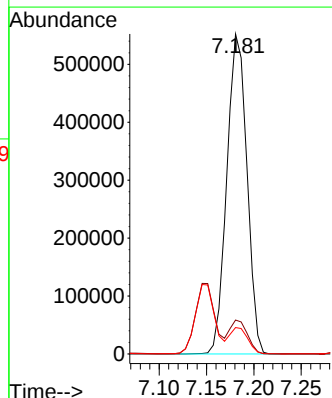
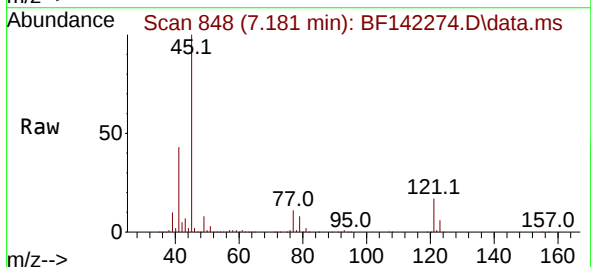
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

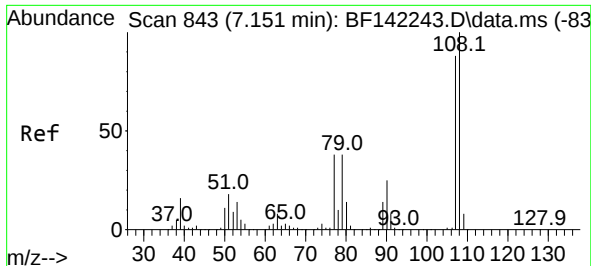
Tgt Ion: 79 Resp: 393158
Ion Ratio Lower Upper
79 100
108 81.8 64.5 96.7
77 61.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.895 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 45 Resp: 817791
Ion Ratio Lower Upper
45 100
77 10.6 0.0 31.3
79 8.3 0.0 28.5

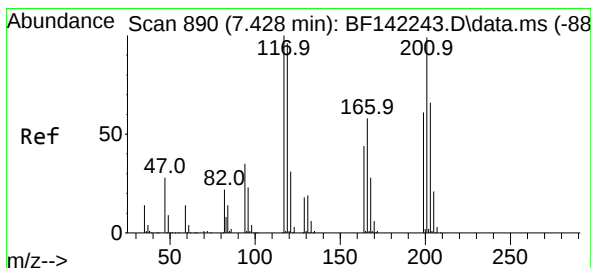
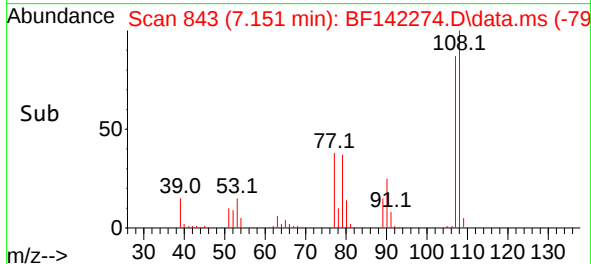
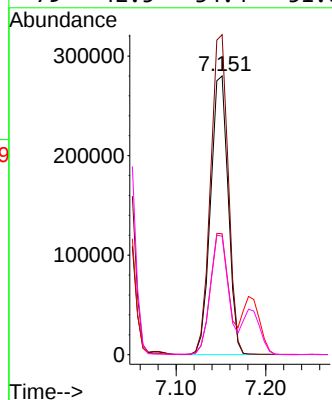
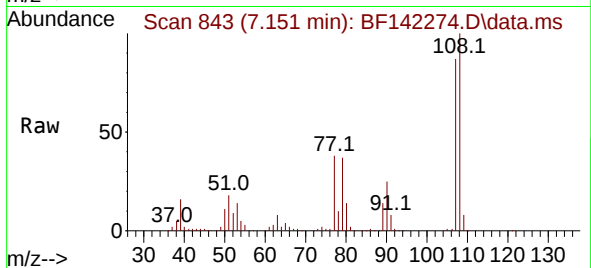




#17
2-Methylphenol
Concen: 37.931 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

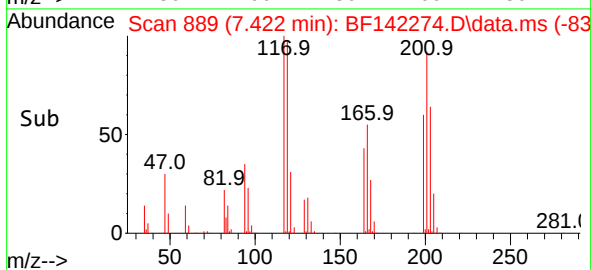
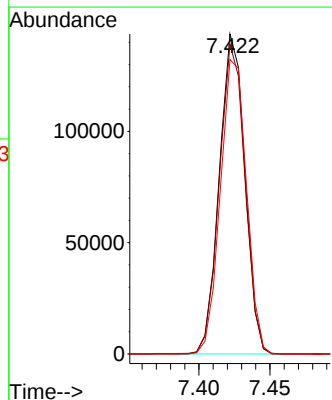
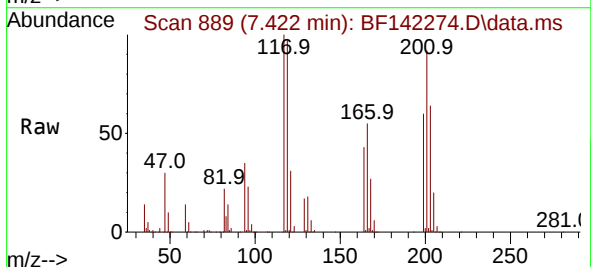
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

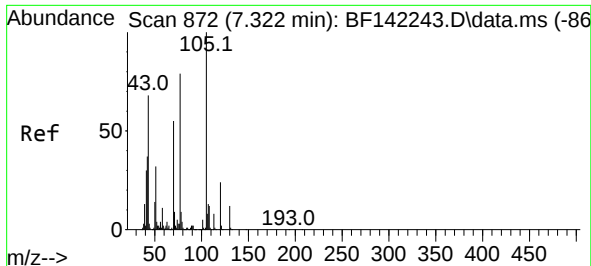
Tgt Ion:	107	Resp:	380905
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.0	136.4
77	43.4	34.4	51.6
79	42.5	34.4	51.6



#18
Hexachloroethane
Concen: 39.190 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:	117	Resp:	179209
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.1	115.7
201	92.0	79.4	119.2

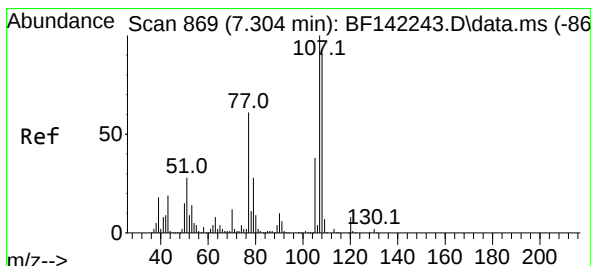
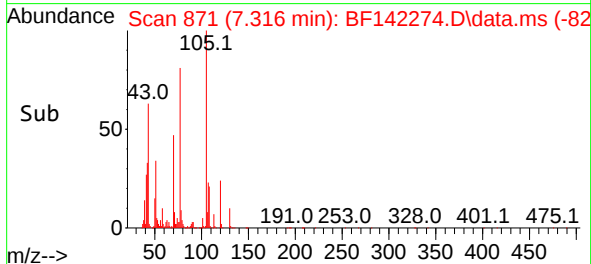
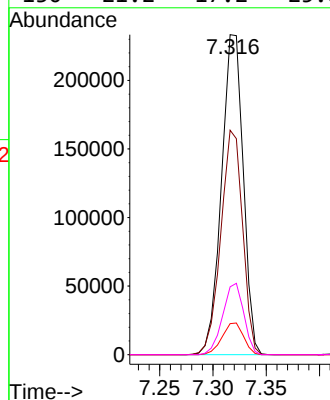
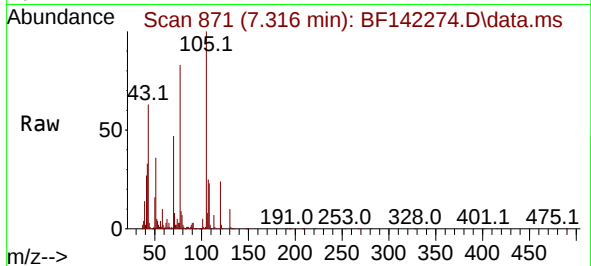




#19
n-Nitroso-di-n-propylamine
Concen: 37.373 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

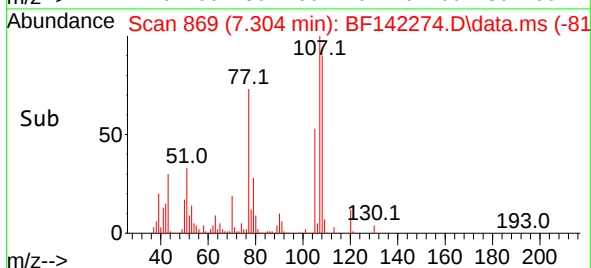
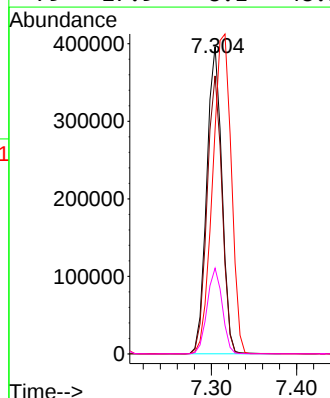
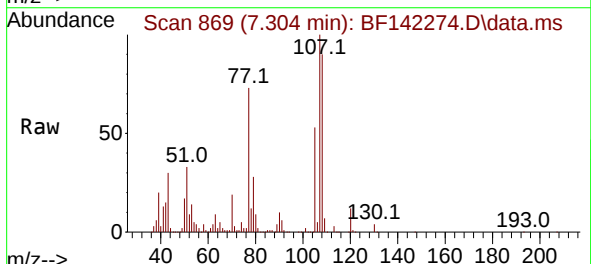
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

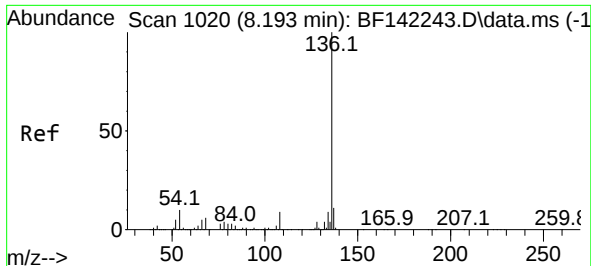
Tgt Ion: 70 Resp: 330837
Ion Ratio Lower Upper
70 100
42 70.2 53.4 80.2
101 9.7 7.7 11.5
130 21.2 17.2 25.8



#20
3+4-Methylphenols
Concen: 39.062 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 107 Resp: 490537
Ion Ratio Lower Upper
107 100
108 90.4 71.2 111.2
77 73.0 41.1 81.1
79 27.9 8.1 48.1

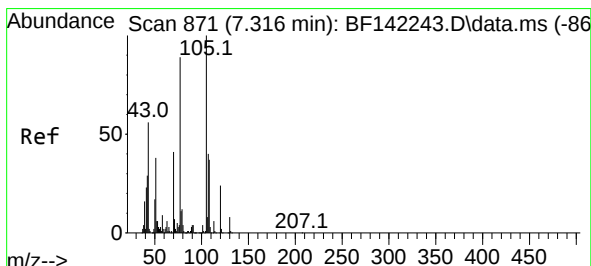
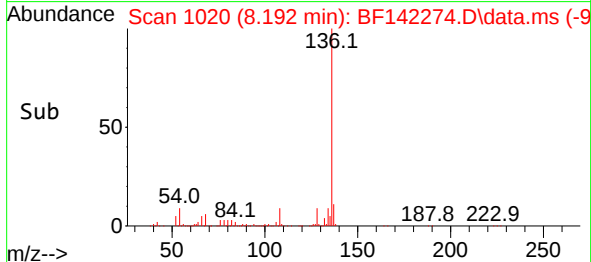
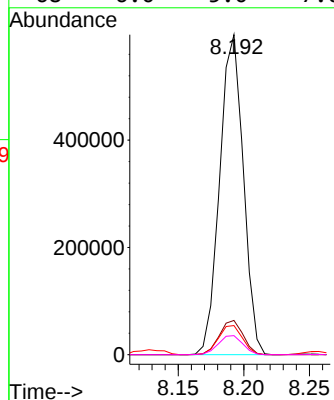
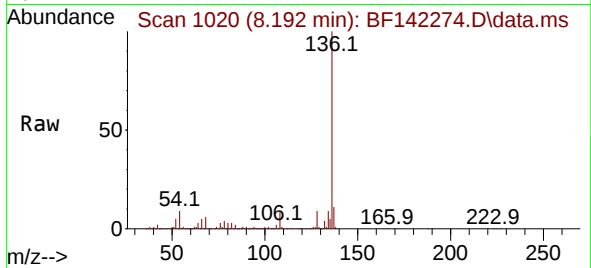




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

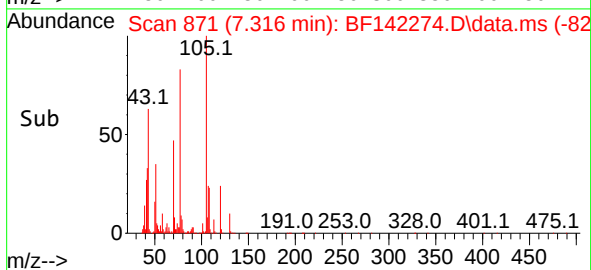
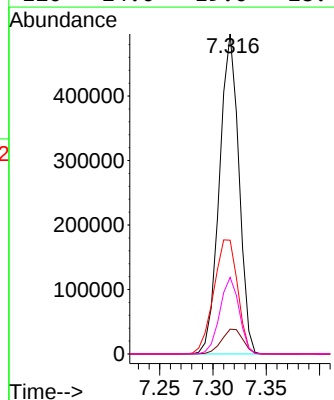
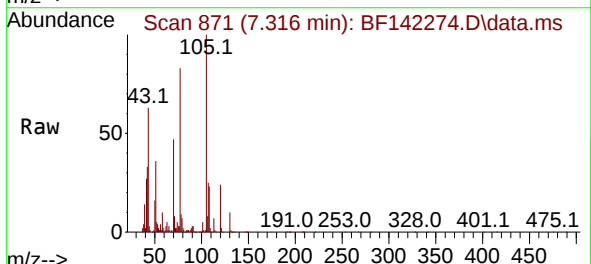
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

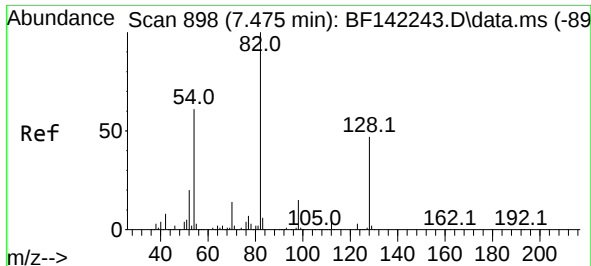
Tgt Ion:	136	Resp:	747235
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	9.1	7.7	11.5
68	6.0	5.0	7.6



#22
Acetophenone
Concen: 36.381 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:	105	Resp:	628918
Ion Ratio	Lower	Upper	
105	100		
71	7.8	5.7	8.5
51	35.6	30.1	45.1
120	24.0	19.0	28.4

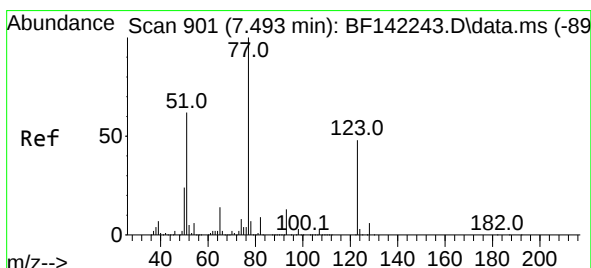
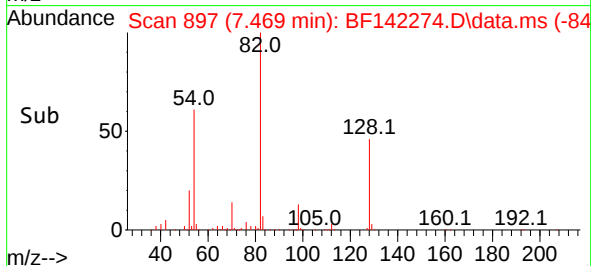
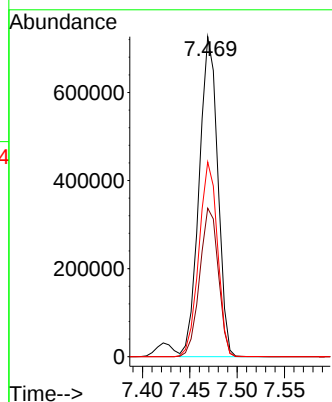
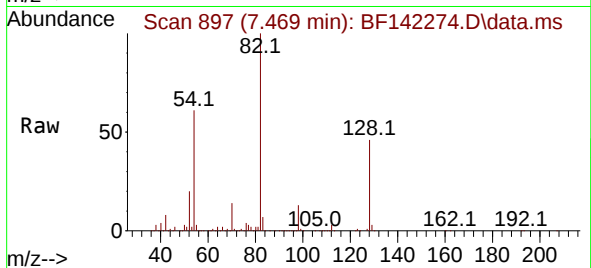




#23
Nitrobenzene-d5
Concen: 87.247 ng
RT: 7.469 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

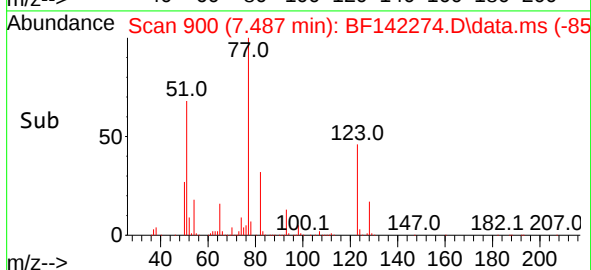
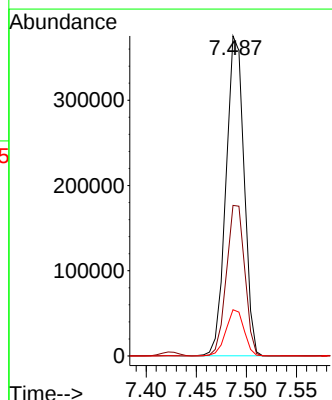
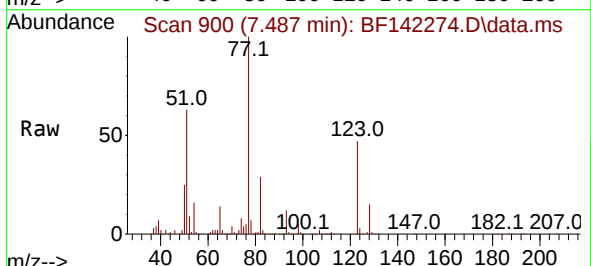
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

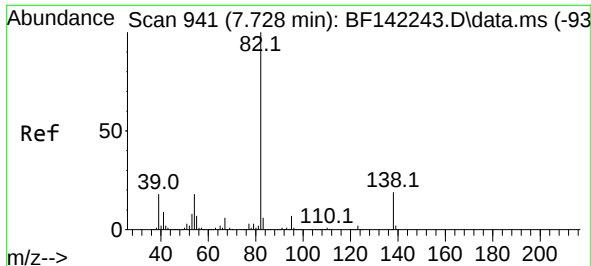
Tgt Ion: 82 Resp: 992335
Ion Ratio Lower Upper
82 100
128 46.4 37.0 55.6
54 60.8 48.0 72.0



#24
Nitrobenzene
Concen: 42.143 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 77 Resp: 470320
Ion Ratio Lower Upper
77 100
123 47.0 38.6 58.0
65 14.5 11.5 17.3

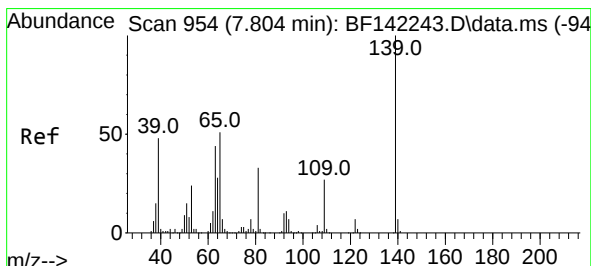
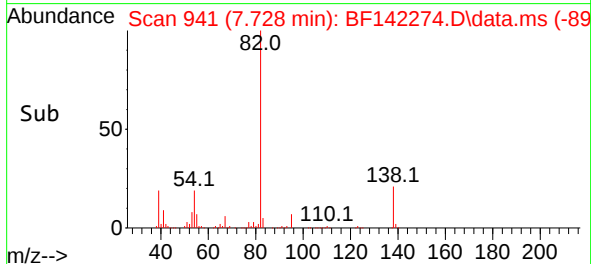
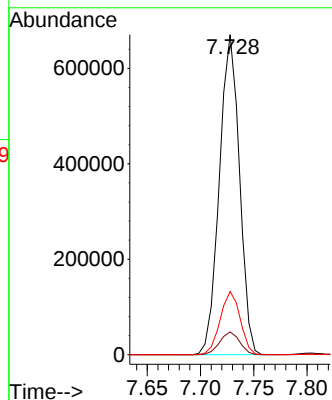
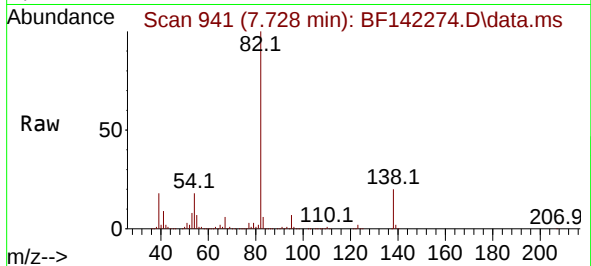




#25
Isophorone
Concen: 36.800 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

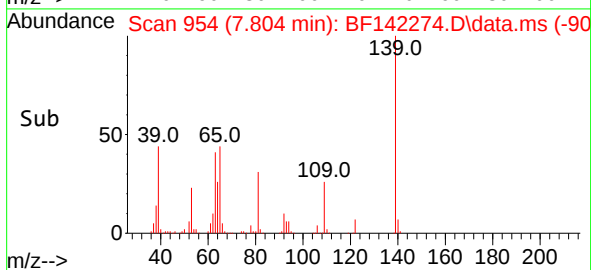
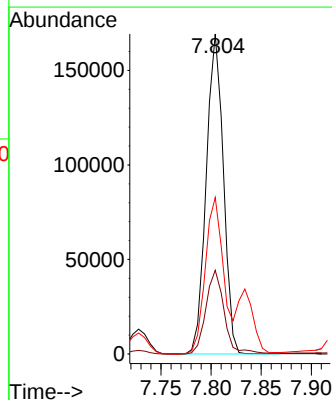
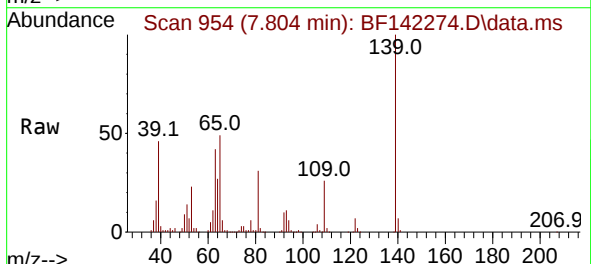
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

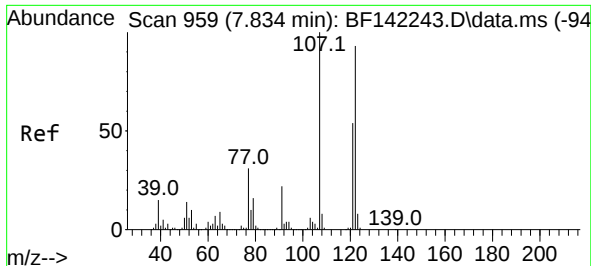
Tgt Ion: 82 Resp: 878449
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.7 15.3 22.9



#26
2-Nitrophenol
Concen: 43.995 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:139 Resp: 201999
Ion Ratio Lower Upper
139 100
109 26.2 21.8 32.8
65 48.9 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 38.087 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

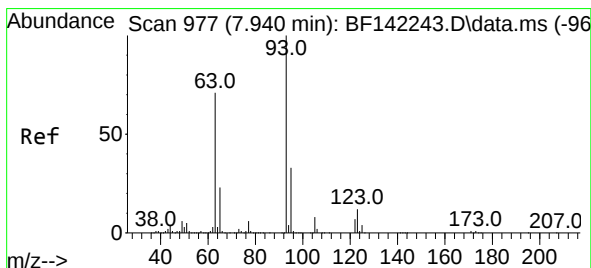
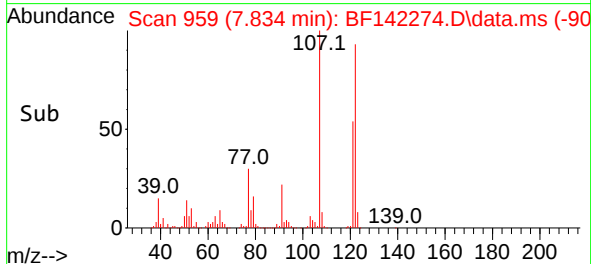
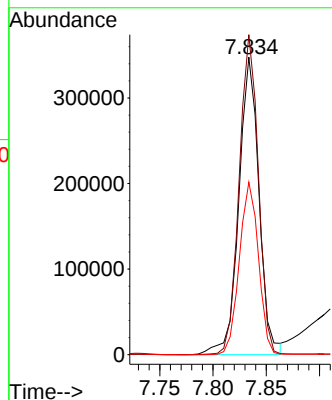
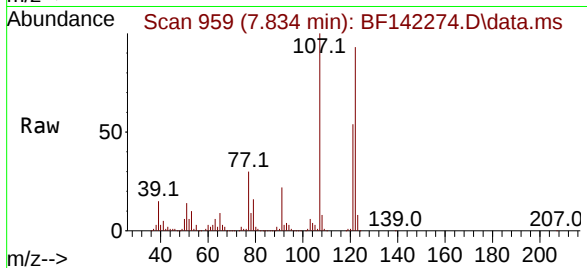
Tgt Ion:122 Resp: 458385

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 58.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 36.730 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

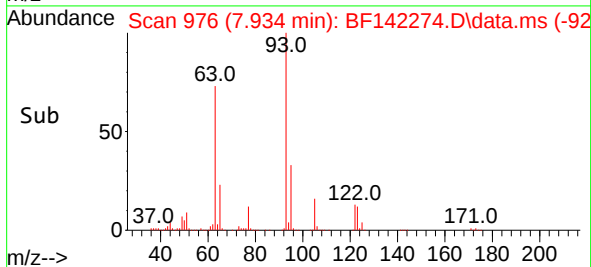
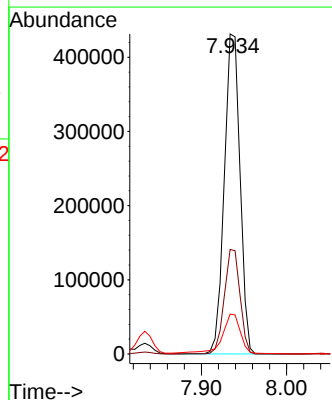
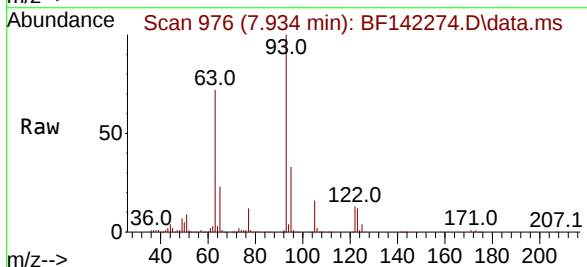
Tgt Ion: 93 Resp: 552958

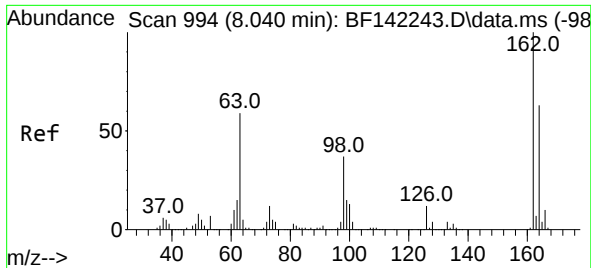
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.4 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 38.714 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

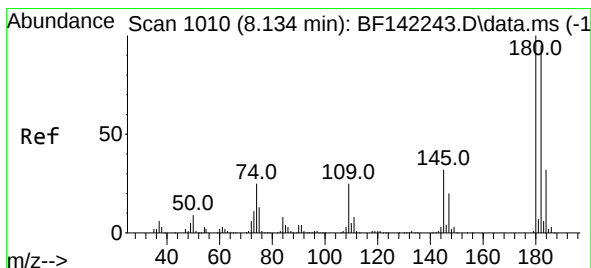
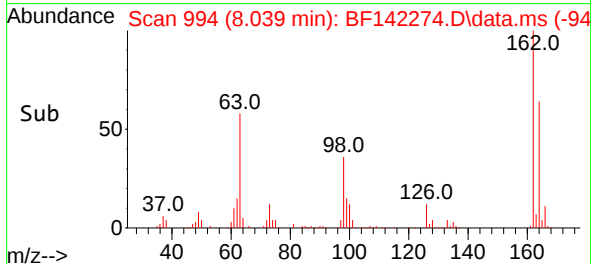
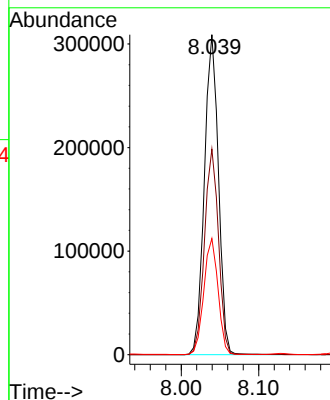
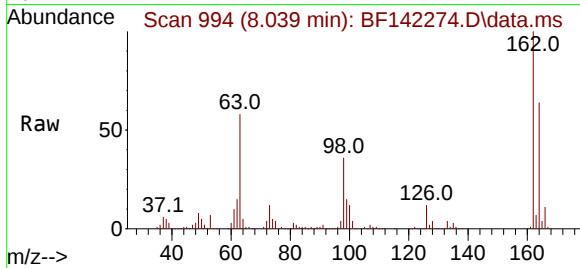
Tgt Ion:162 Resp: 389539

Ion Ratio Lower Upper

162 100

164 64.3 43.0 83.0

98 36.3 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 36.954 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

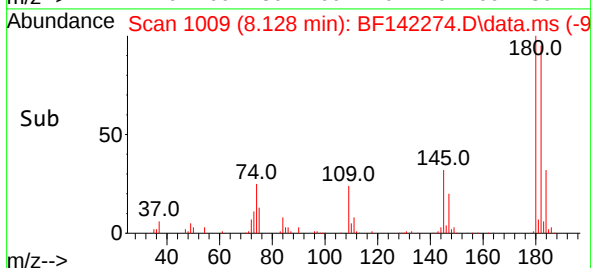
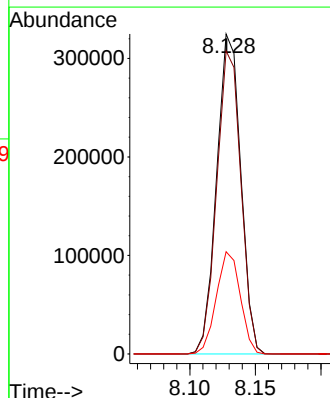
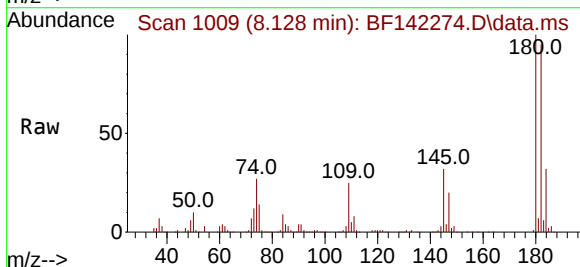
Tgt Ion:180 Resp: 414934

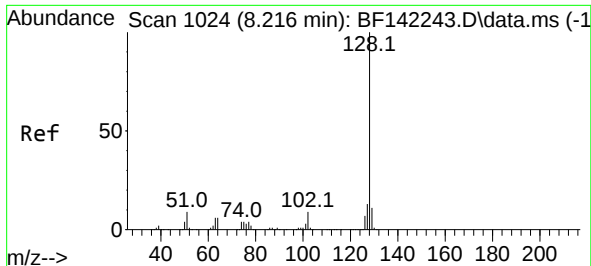
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 32.0 25.4 38.0

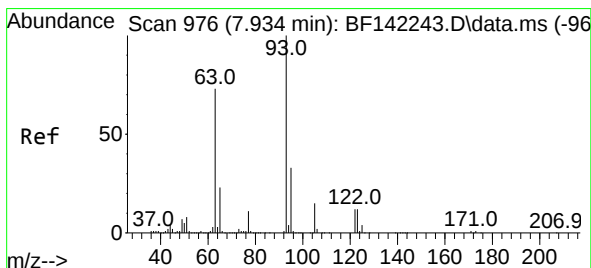
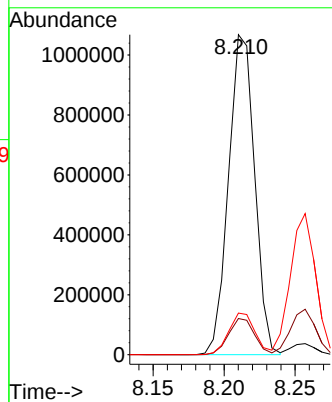
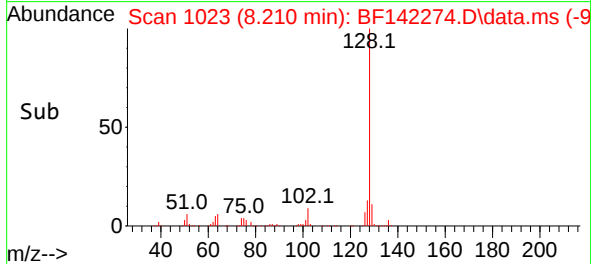
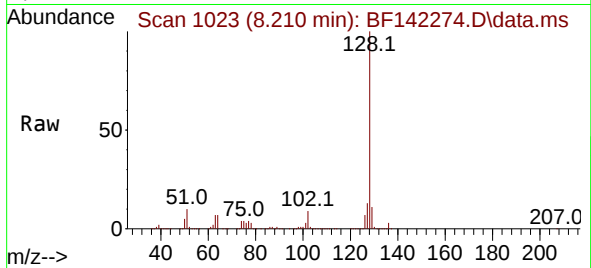




#31
Naphthalene
Concen: 36.602 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

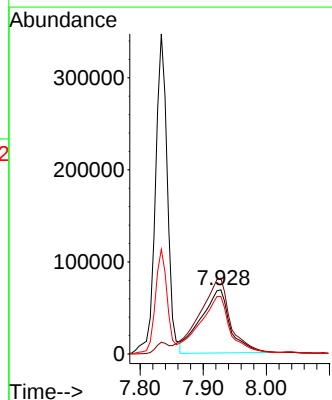
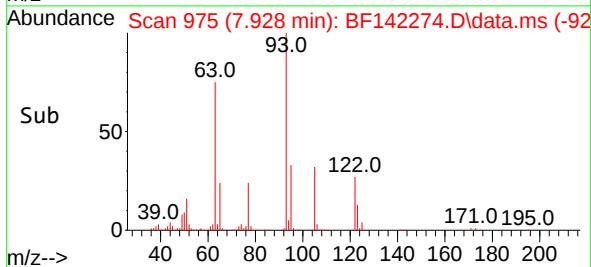
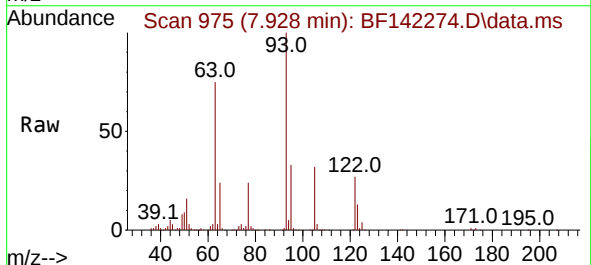
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

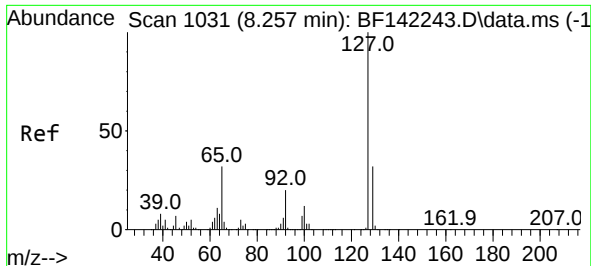
Tgt Ion:128 Resp: 1363971
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.0 10.6 15.8



#32
Benzoic acid
Concen: 41.102 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:122 Resp: 223909
Ion Ratio Lower Upper
122 100
105 118.1 98.2 138.2
77 89.8 66.8 106.8

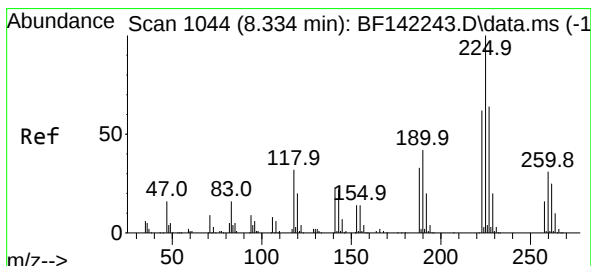
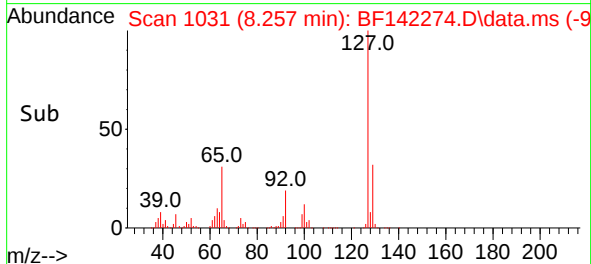
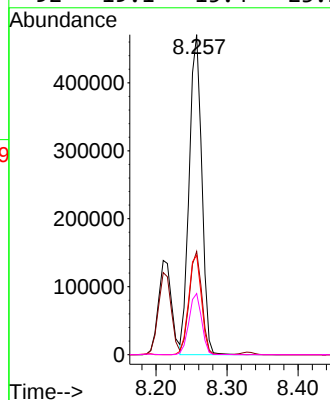
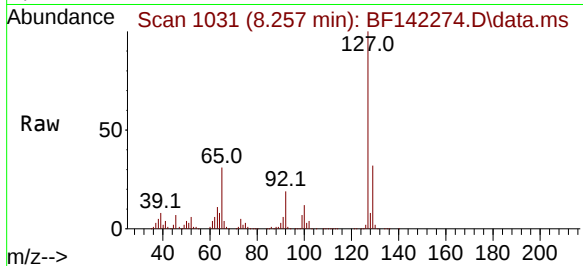




#33
4-Chloroaniline
Concen: 37.373 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

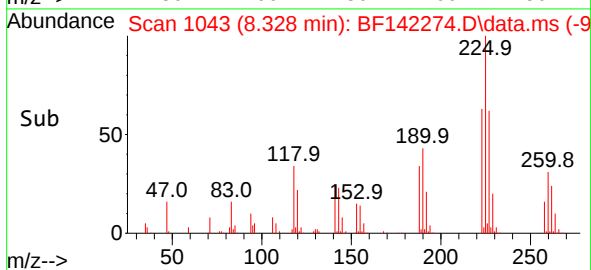
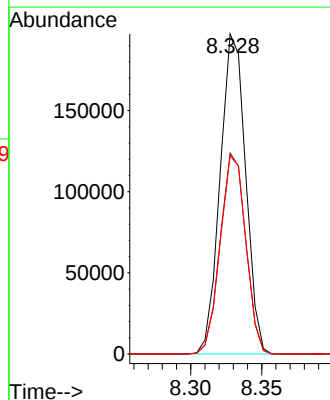
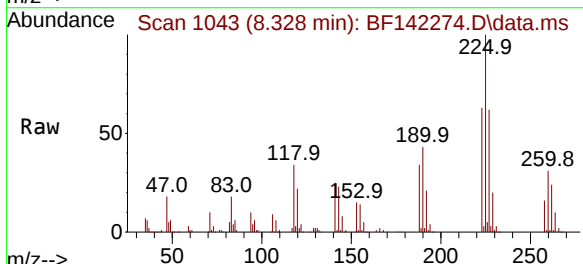
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

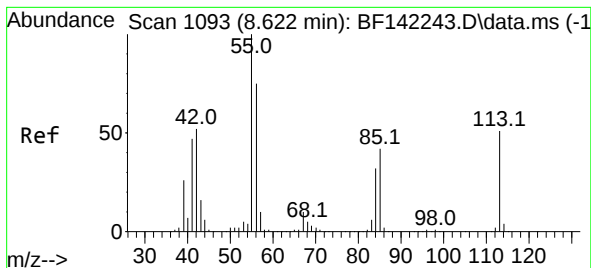
Tgt Ion:	127	Resp:	579952
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	31.1	25.5	38.3
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 37.512 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:	225	Resp:	245743
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	62.0	51.0	76.4





#35

Caprolactam

Concen: 39.988 ng

RT: 8.622 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

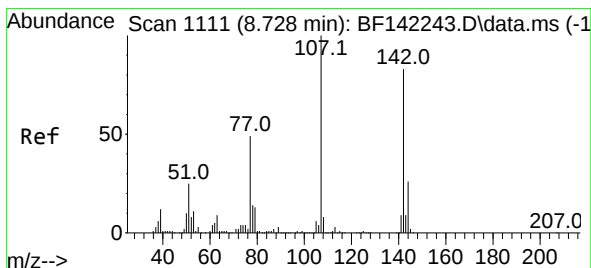
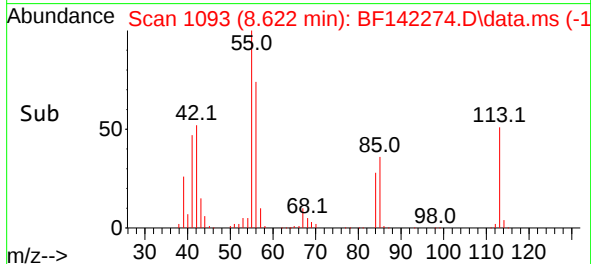
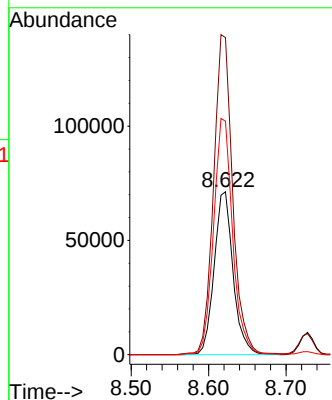
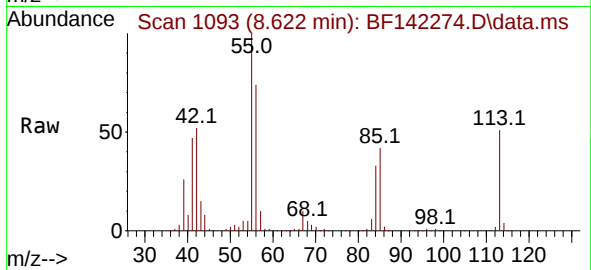
Tgt Ion:113 Resp: 120939

Ion Ratio Lower Upper

113 100

55 194.6 177.7 217.7

56 143.4 127.1 167.1



#36

4-Chloro-3-methylphenol

Concen: 38.463 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

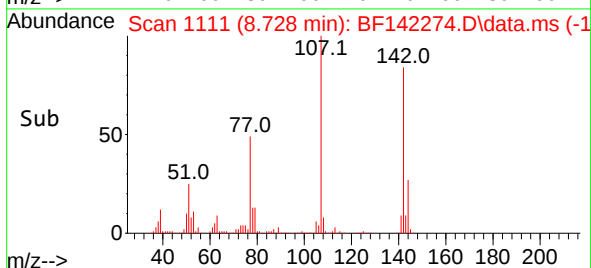
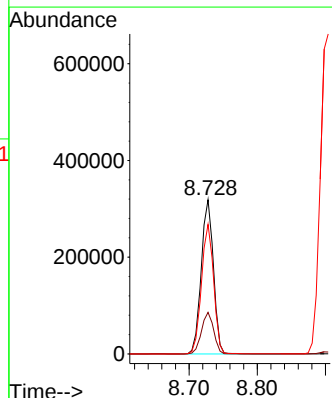
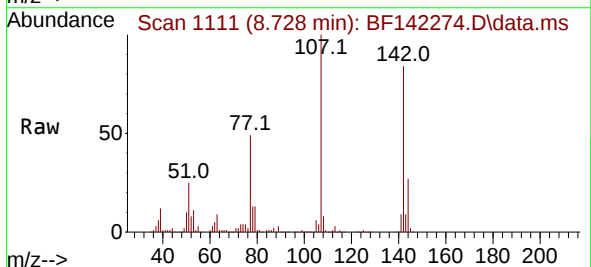
Tgt Ion:107 Resp: 397404

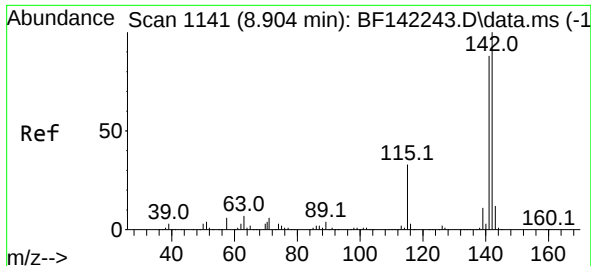
Ion Ratio Lower Upper

107 100

144 26.9 21.0 31.4

142 84.0 66.1 99.1





#37

2-Methylnaphthalene

Concen: 36.551 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

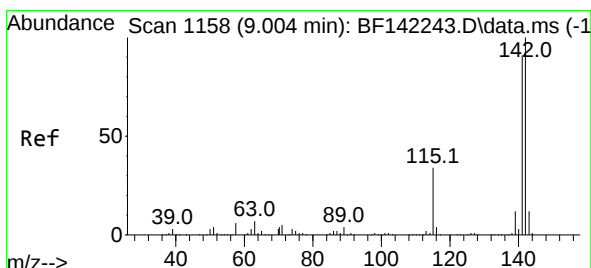
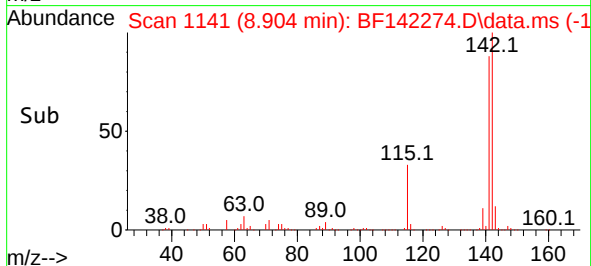
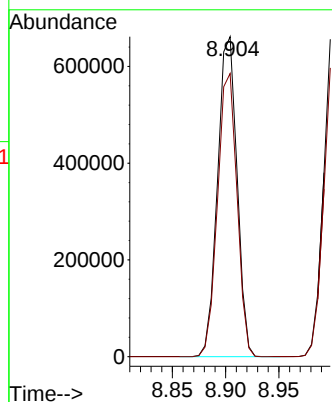
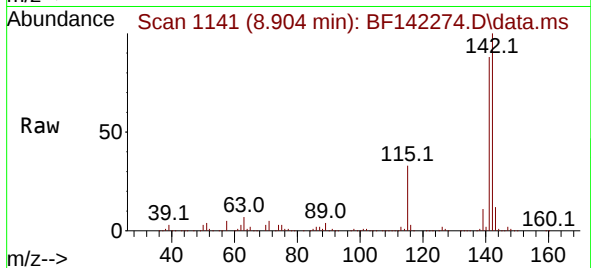
SSTDCCC040

Tgt Ion:142 Resp: 837448

Ion Ratio Lower Upper

142 100

141 88.5 70.5 105.7



#38

1-Methylnaphthalene

Concen: 36.702 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142274.D

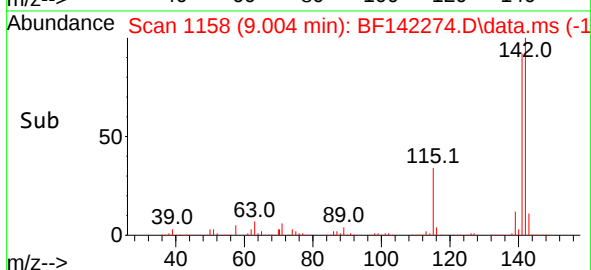
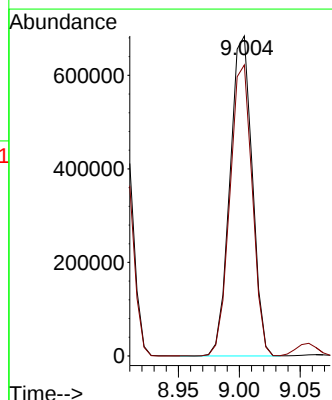
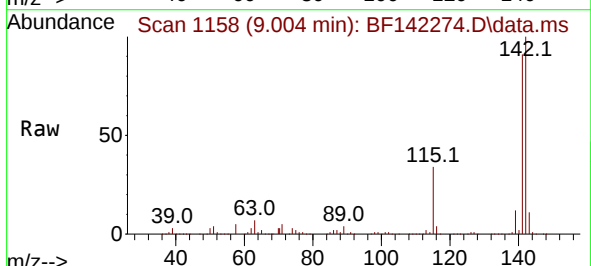
Acq: 02 May 2025 10:39

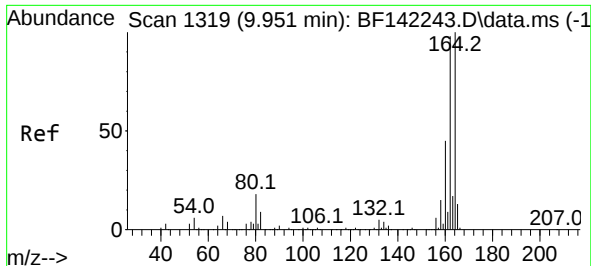
Tgt Ion:142 Resp: 871131

Ion Ratio Lower Upper

142 100

141 91.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

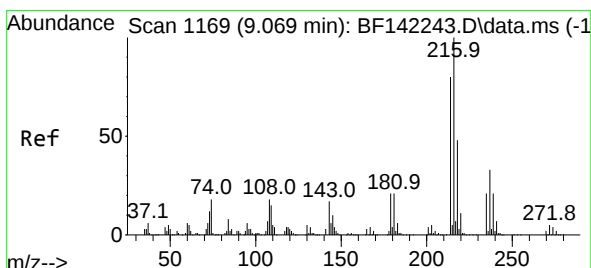
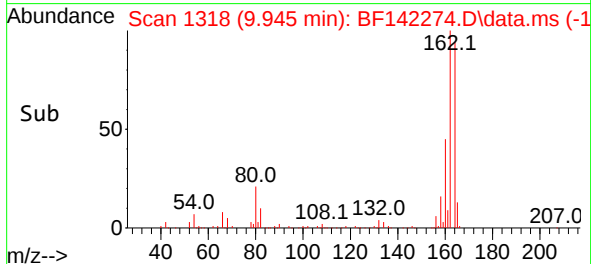
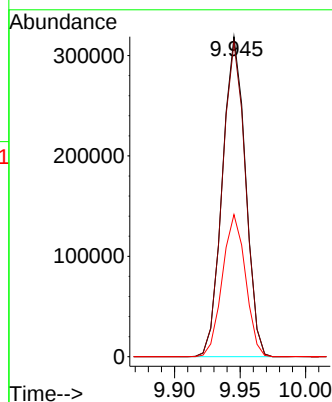
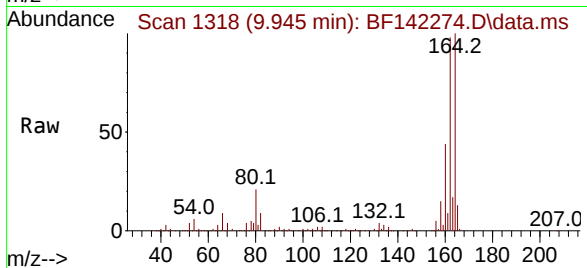
Tgt Ion:164 Resp: 389025

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

160 44.4 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.065 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Tgt Ion:216 Resp: 405798

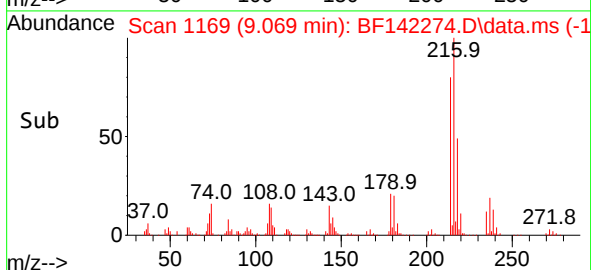
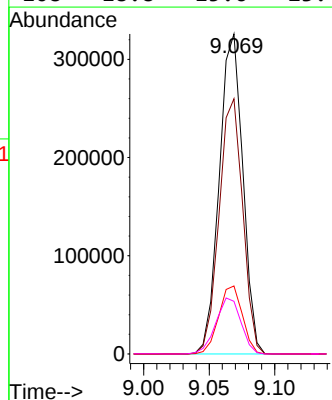
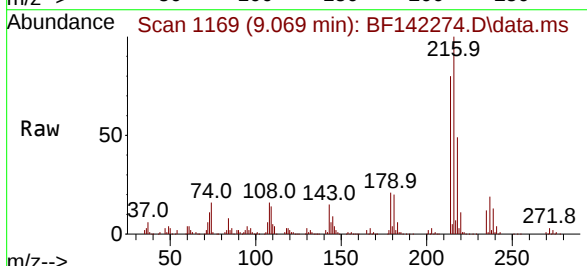
Ion Ratio Lower Upper

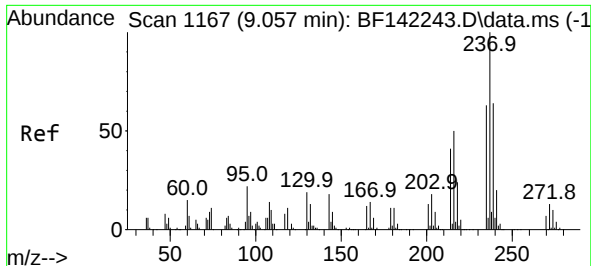
216 100

214 79.9 63.8 95.6

179 21.4 16.7 25.1

108 18.8 15.6 23.4

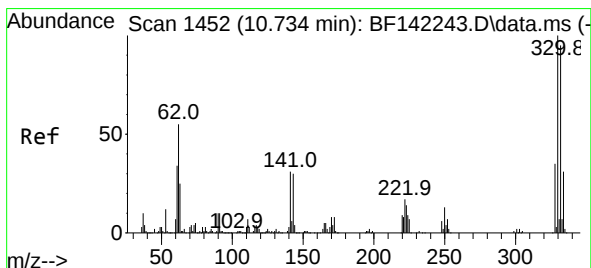
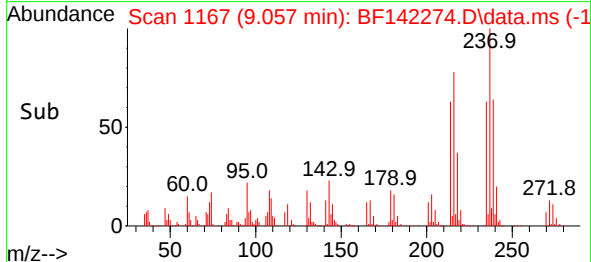
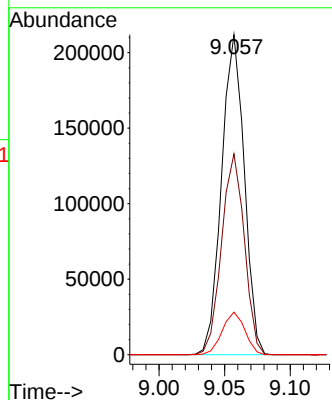
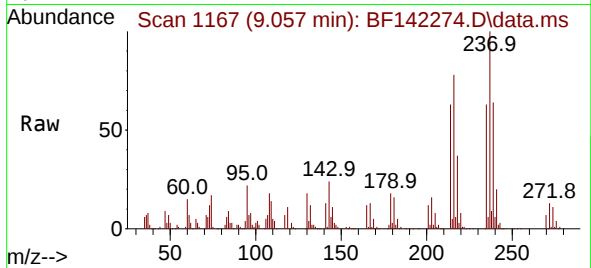




#41
Hexachlorocyclopentadiene
Concen: 40.985 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

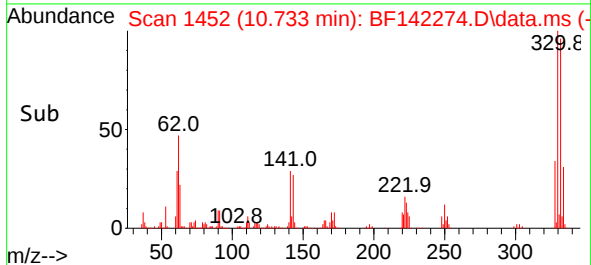
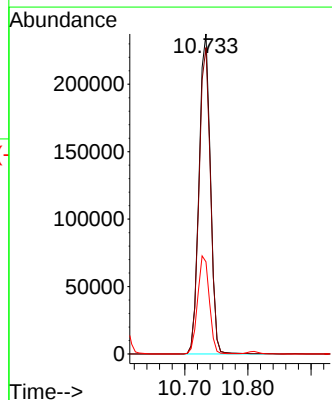
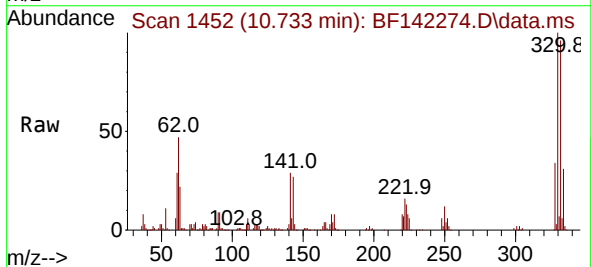
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

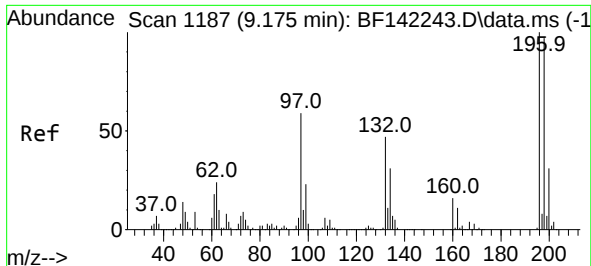
Tgt Ion:237 Resp: 254671
Ion Ratio Lower Upper
237 100
235 62.7 43.5 83.5
272 13.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 83.329 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:330 Resp: 295525
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 31.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 41.332 ng

RT: 9.175 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

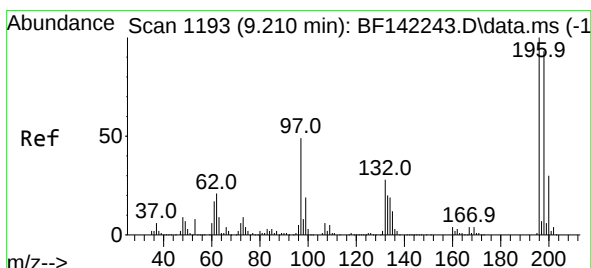
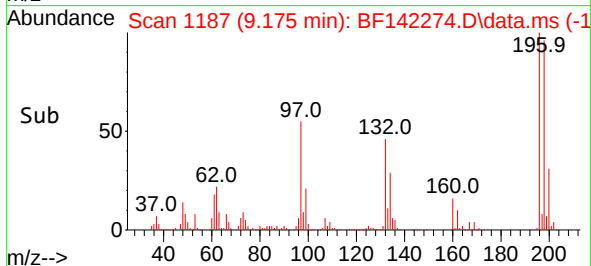
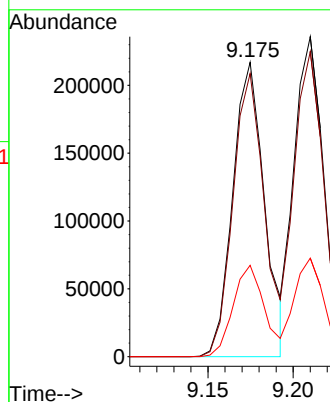
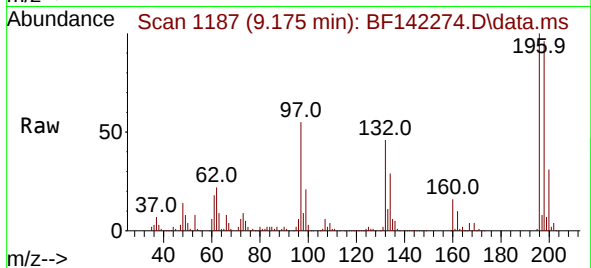
Tgt Ion:196 Resp: 280415

Ion Ratio Lower Upper

196 100

198 96.2 77.4 116.2

200 31.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 39.611 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Tgt Ion:196 Resp: 282545

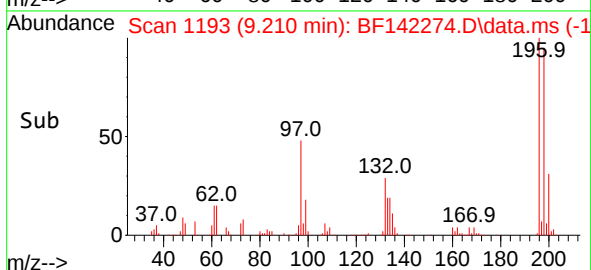
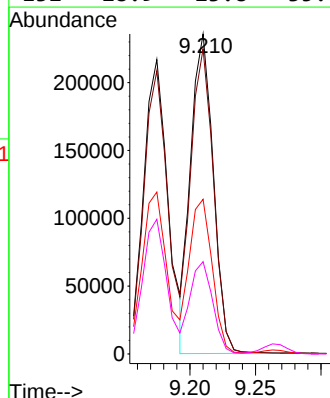
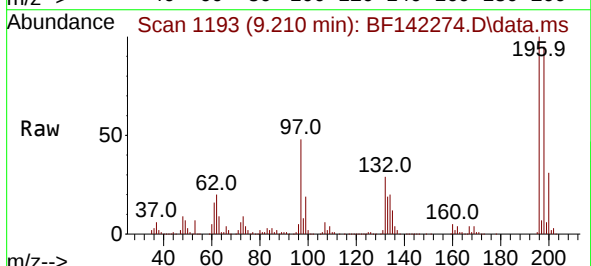
Ion Ratio Lower Upper

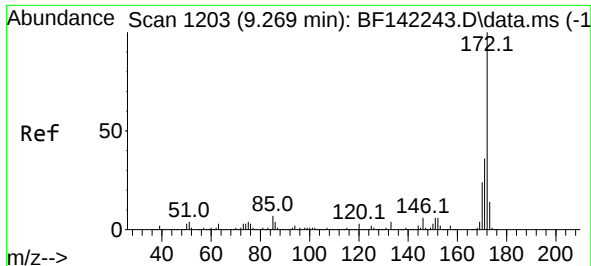
196 100

198 95.4 75.2 112.8

97 48.3 39.8 59.8

132 28.9 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 72.935 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

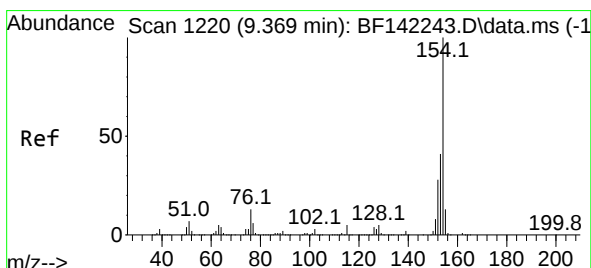
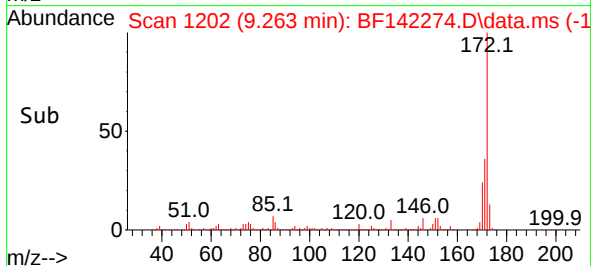
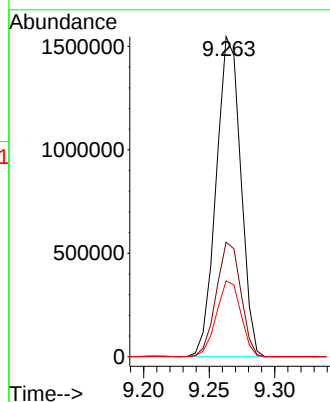
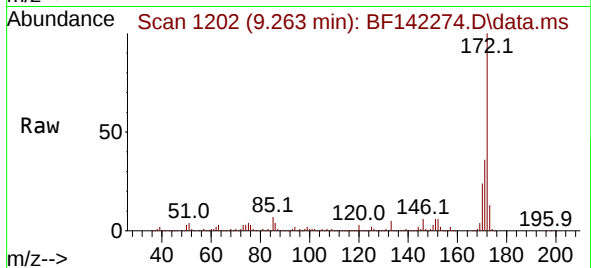
Tgt Ion:172 Resp: 2012359

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 36.988 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

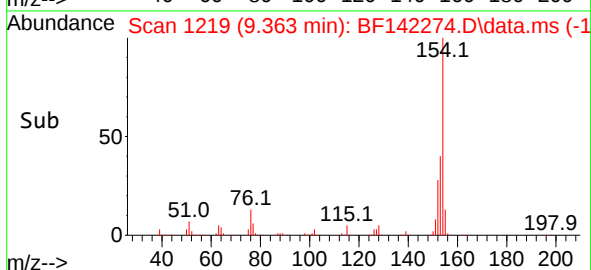
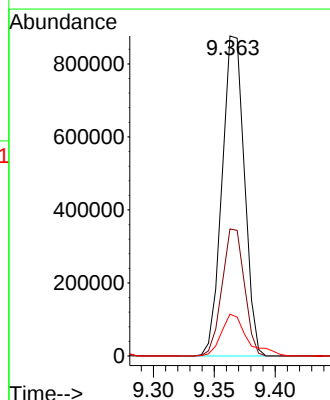
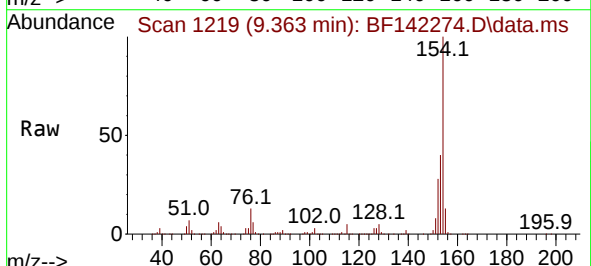
Tgt Ion:154 Resp: 1118632

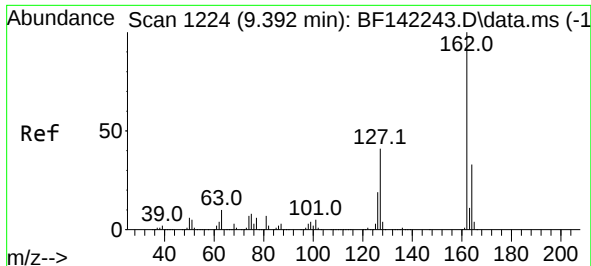
Ion Ratio Lower Upper

154 100

153 39.7 20.5 60.5

76 13.1 0.0 32.8

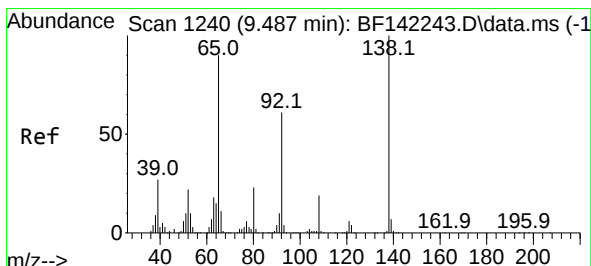
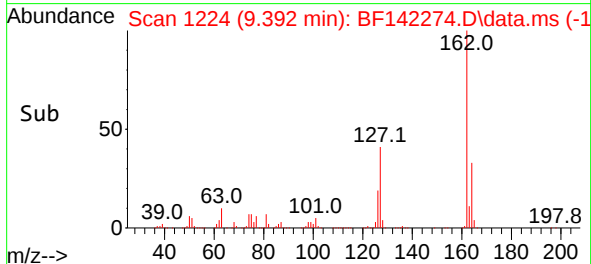
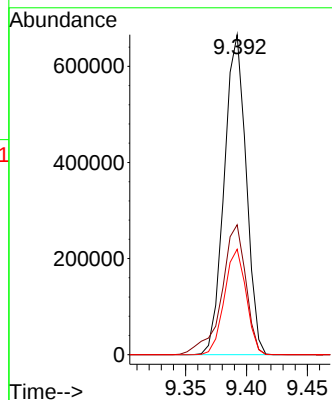
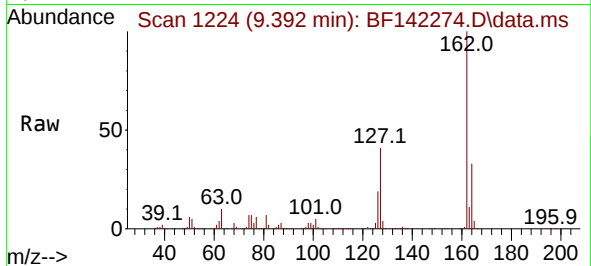




#47
2-Chloronaphthalene
Concen: 37.021 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

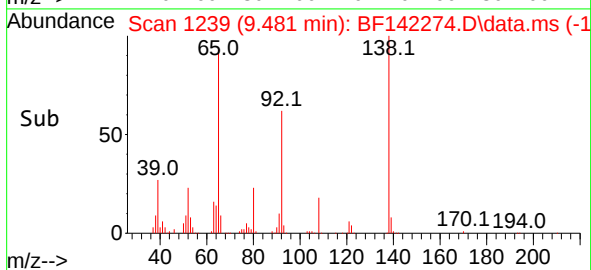
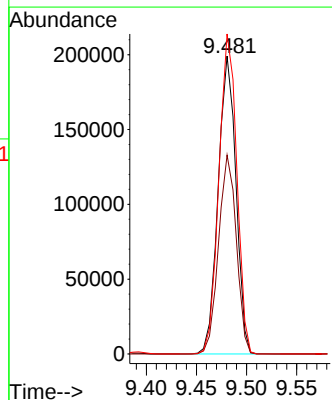
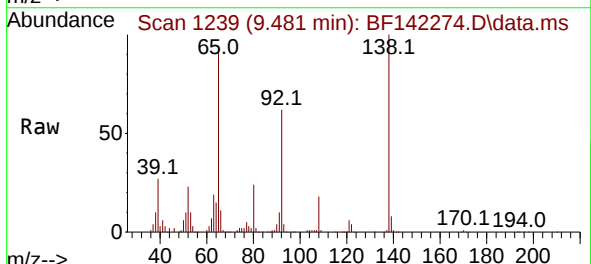
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

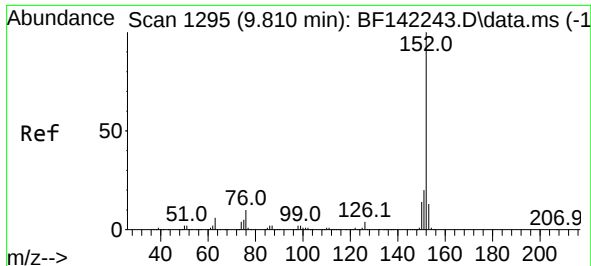
Tgt Ion:162 Resp: 833002
Ion Ratio Lower Upper
162 100
127 40.6 32.6 49.0
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 42.014 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion: 65 Resp: 245382
Ion Ratio Lower Upper
65 100
92 66.8 54.3 81.5
138 107.4 88.6 133.0

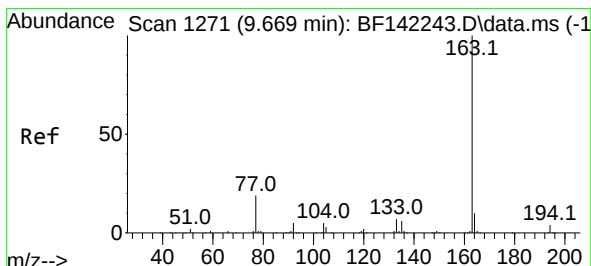
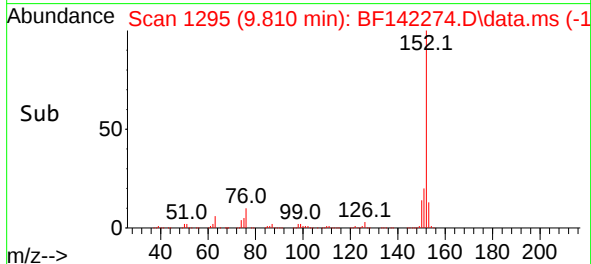
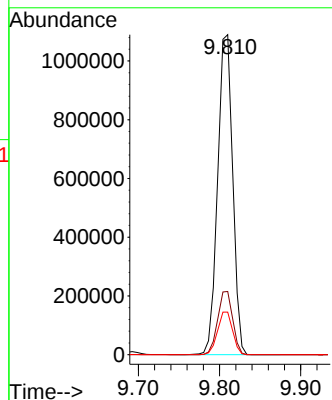
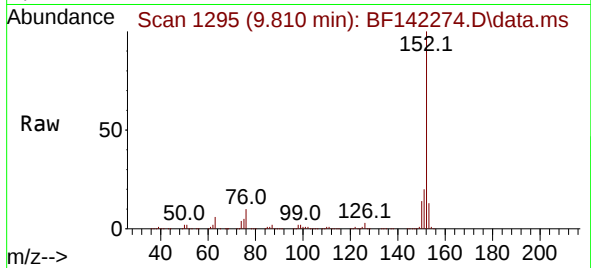




#49
Acenaphthylene
Concen: 37.062 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

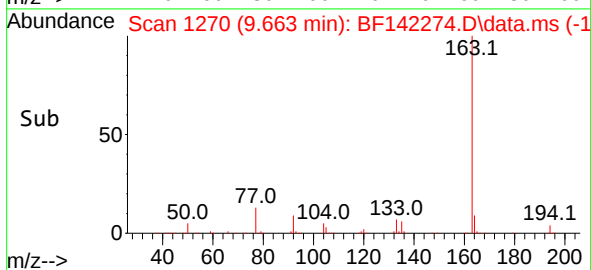
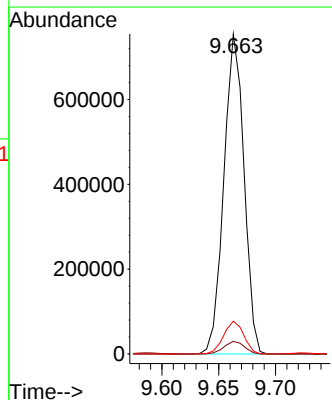
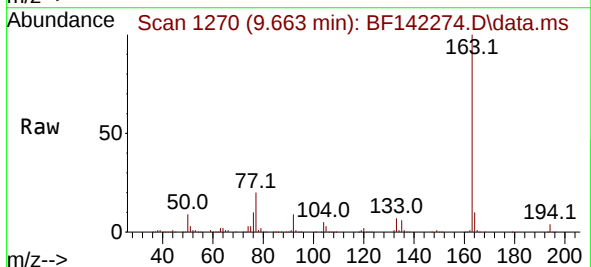
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

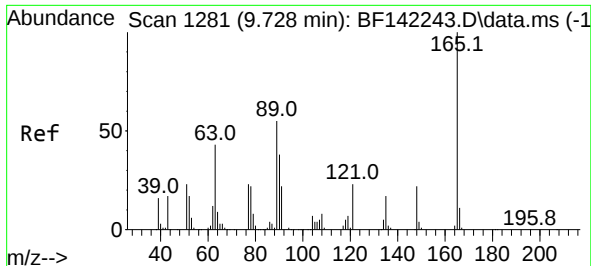
Tgt Ion:152 Resp: 1407244
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 37.413 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:163 Resp: 931138
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.2

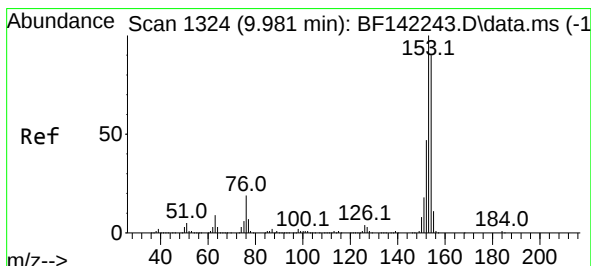
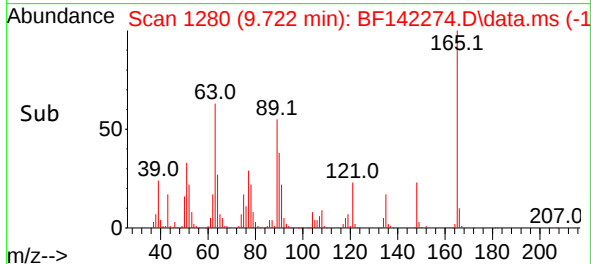
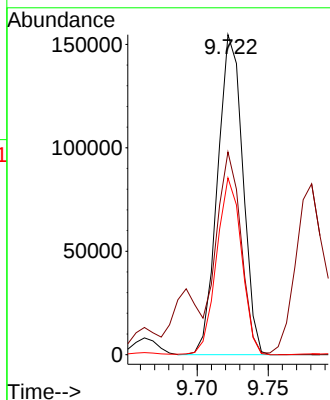
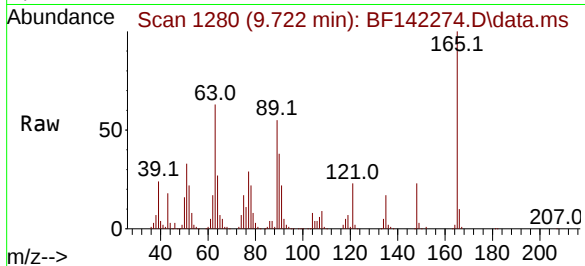




#51
2,6-Dinitrotoluene
Concen: 40.686 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

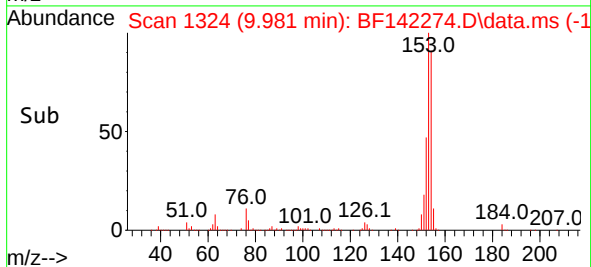
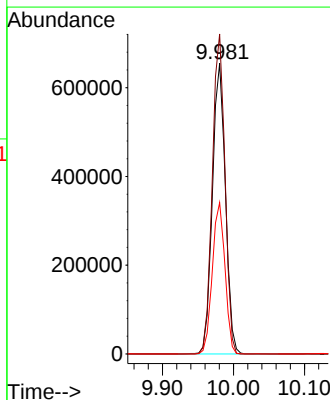
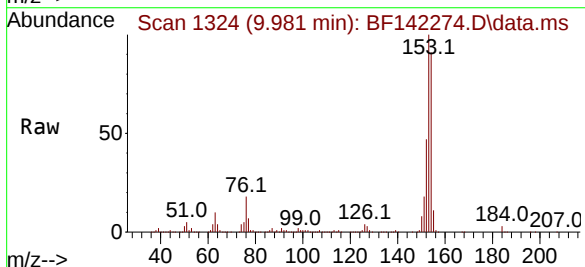
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

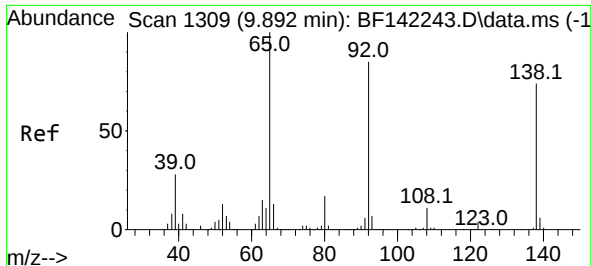
Tgt Ion:165 Resp: 191021
Ion Ratio Lower Upper
165 100
63 63.3 48.5 72.7
89 55.3 43.9 65.9



#52
Acenaphthene
Concen: 37.558 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:154 Resp: 832658
Ion Ratio Lower Upper
154 100
153 110.1 88.6 133.0
152 52.1 42.1 63.1

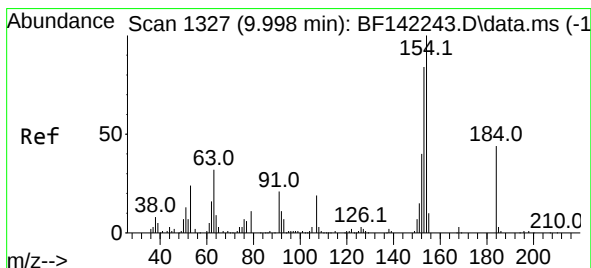
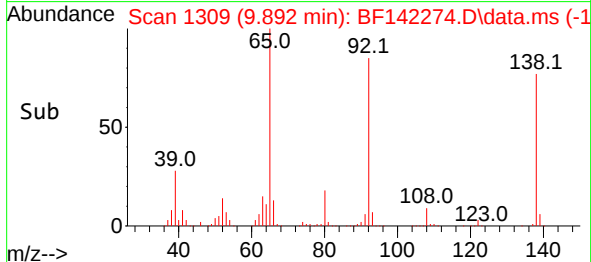
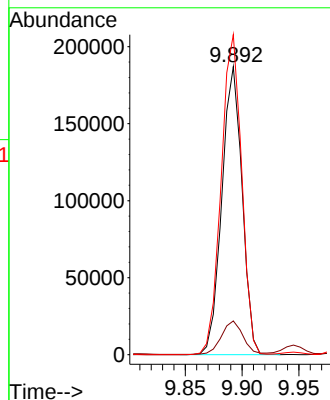
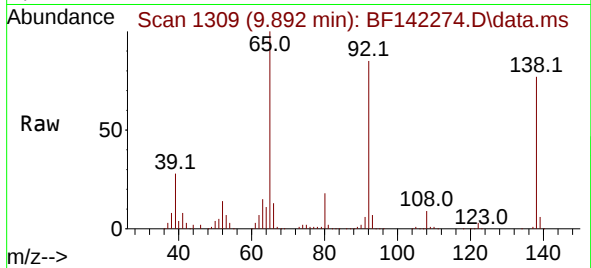




#53
3-Nitroaniline
Concen: 40.499 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

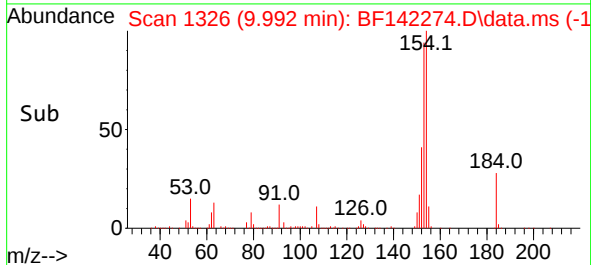
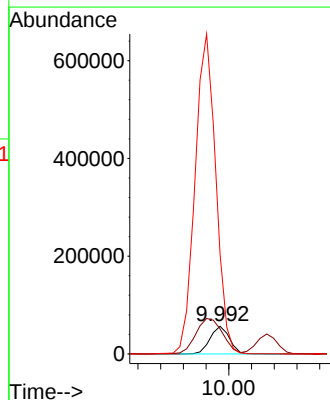
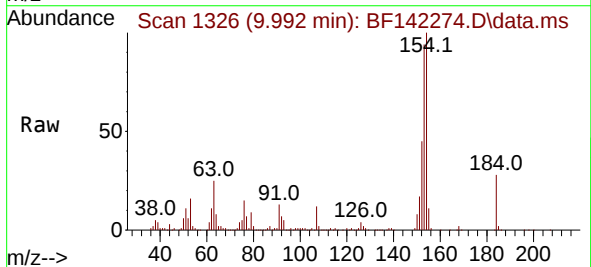
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

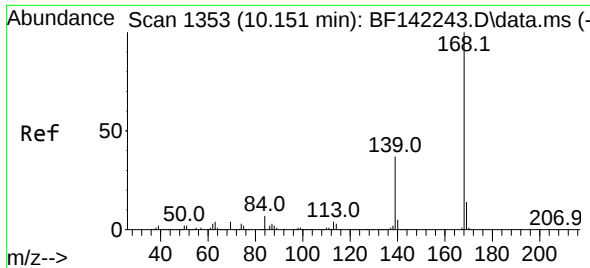
Tgt Ion:138 Resp: 232079
Ion Ratio Lower Upper
138 100
108 11.7 11.7 17.5
92 111.1 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 50.599 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:184 Resp: 66816
Ion Ratio Lower Upper
184 100
63 90.7 69.2 103.8
154 361.3 271.4 407.2

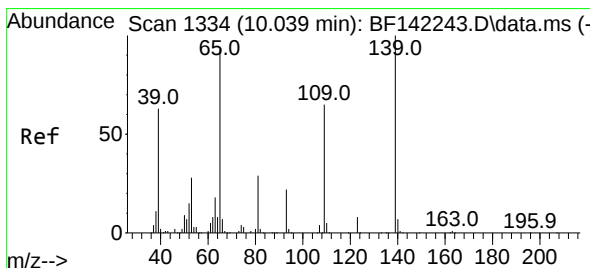
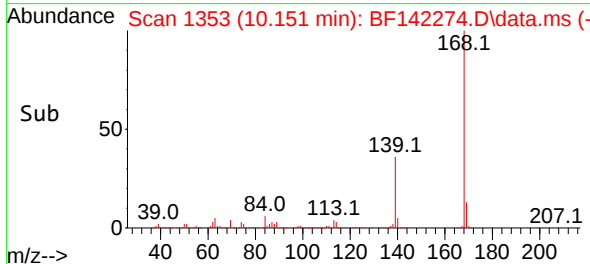
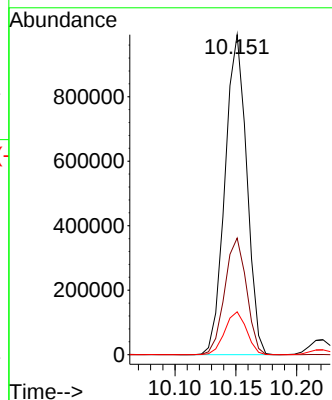
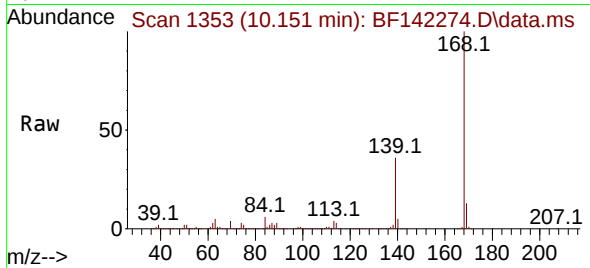




#55
Dibenzofuran
Concen: 37.015 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

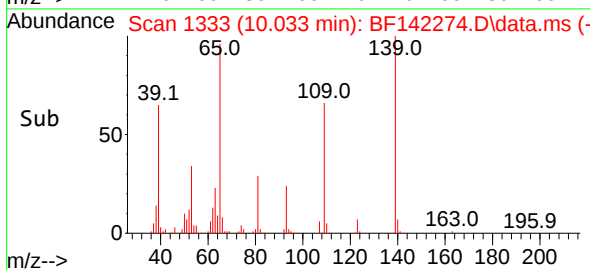
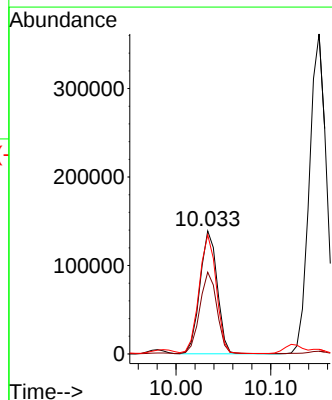
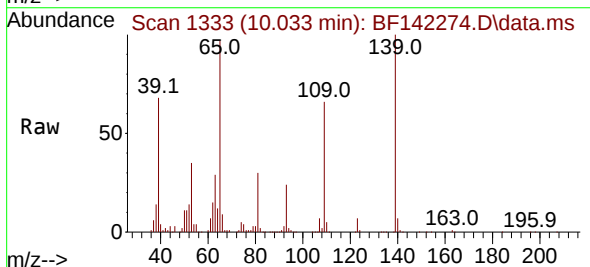
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

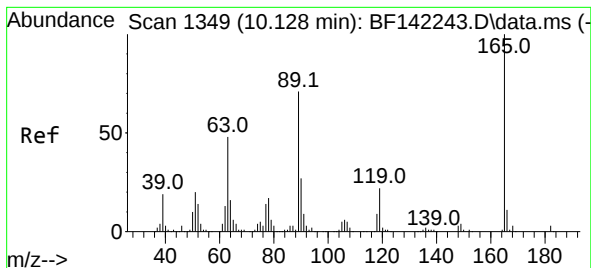
Tgt Ion:168 Resp: 1230121
Ion Ratio Lower Upper
168 100
139 36.5 29.4 44.0
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 45.101 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:139 Resp: 176430
Ion Ratio Lower Upper
139 100
109 66.5 44.9 84.9
65 97.0 74.7 114.7

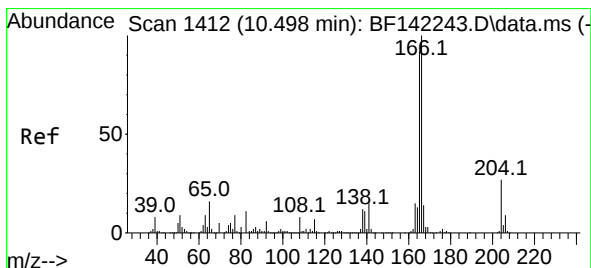
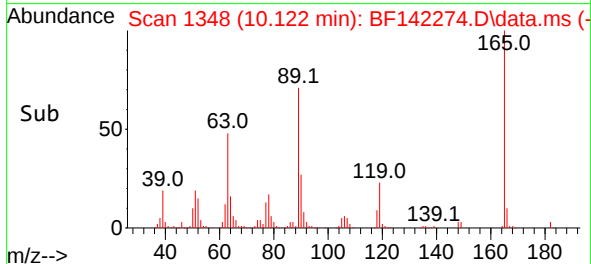
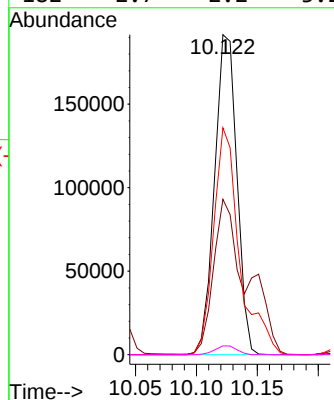
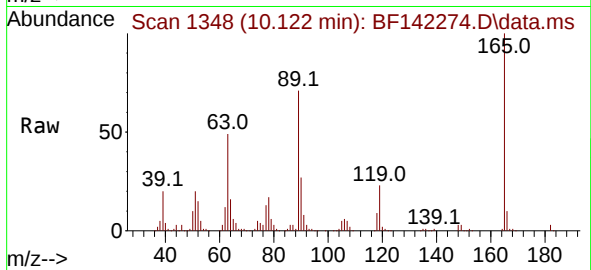




#57
2,4-Dinitrotoluene
Concen: 42.928 ng
RT: 10.122 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

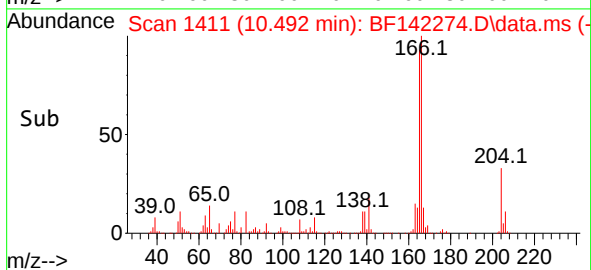
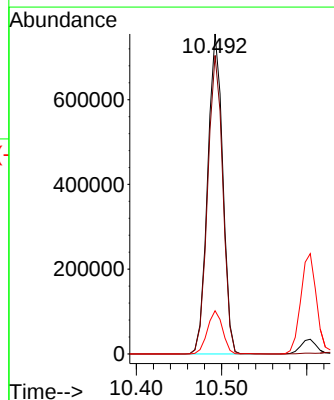
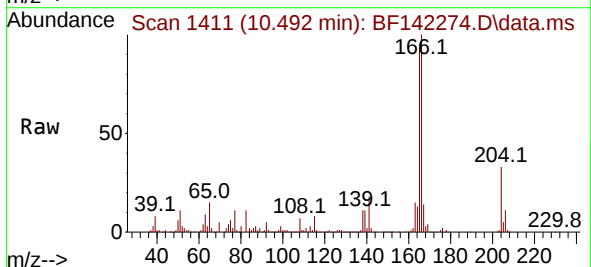
Instrument :
BNA_F
ClientSampleId :
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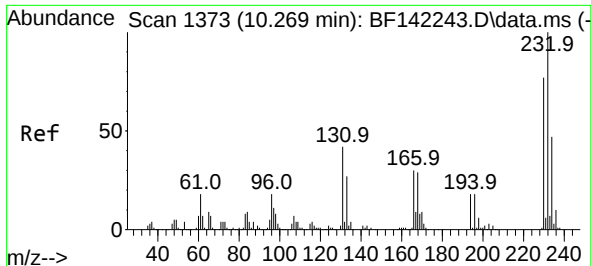
Tgt Ion:165 Resp: 244640
Ion Ratio Lower Upper
165 100
63 48.6 38.8 58.2
89 70.9 57.1 85.7
182 2.7 2.2 3.2



#58
Fluorene
Concen: 36.852 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:166 Resp: 931222
Ion Ratio Lower Upper
166 100
165 93.3 73.9 110.9
167 13.5 10.8 16.2

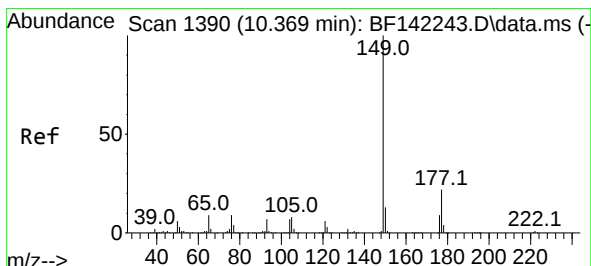
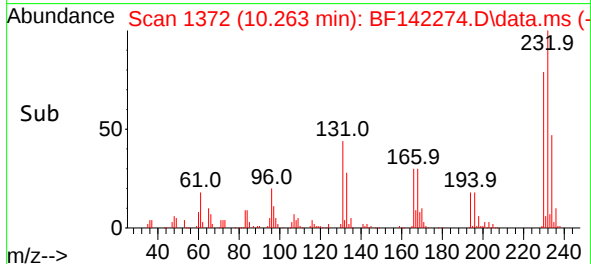
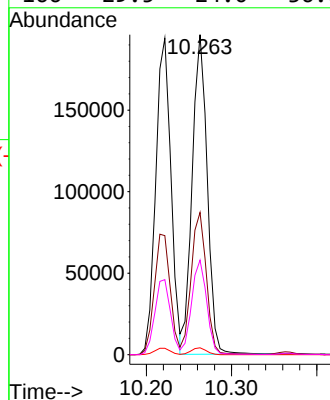
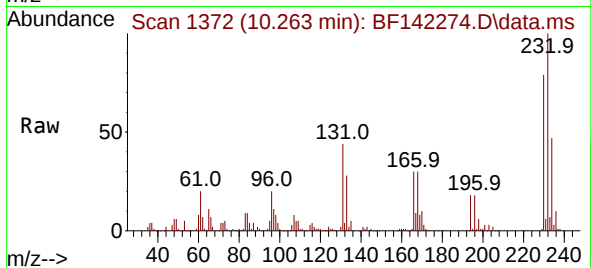




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.702 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

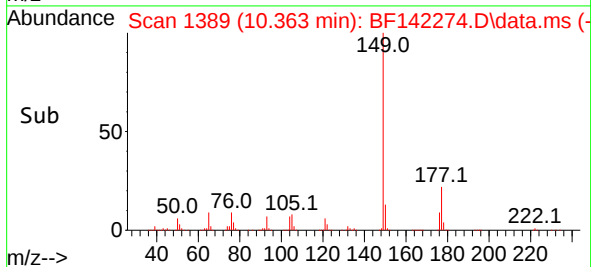
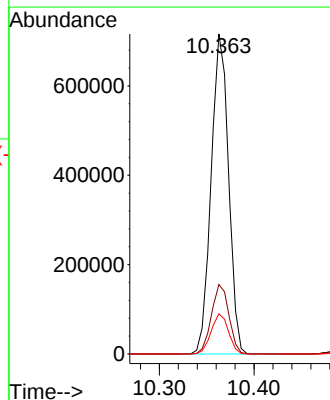
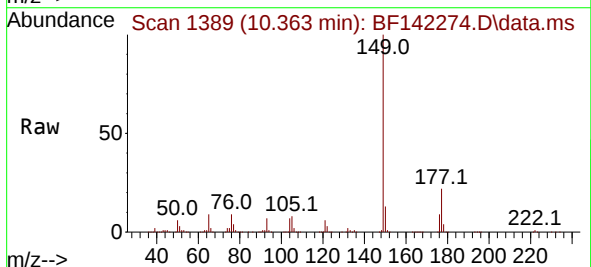
Instrument :
BNA_F
ClientSampleId :
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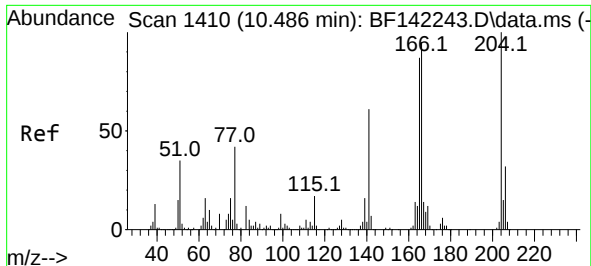
Tgt Ion:232 Resp: 240492
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.2 1.8 2.6
166 29.5 24.0 36.0



#60
Diethylphthalate
Concen: 37.148 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:149 Resp: 912963
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.6 10.2 15.2

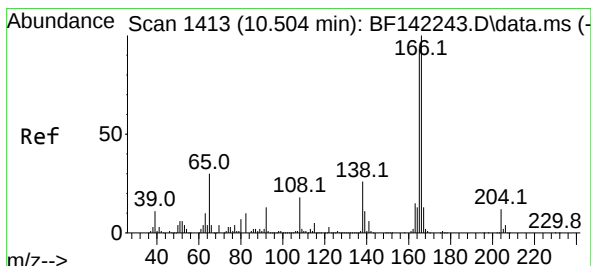
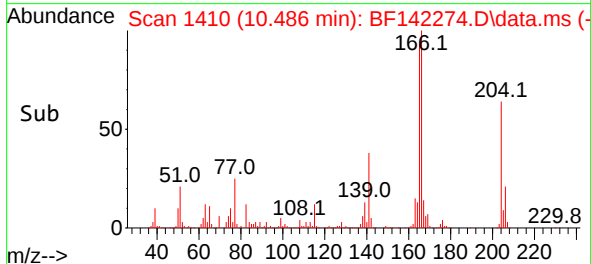
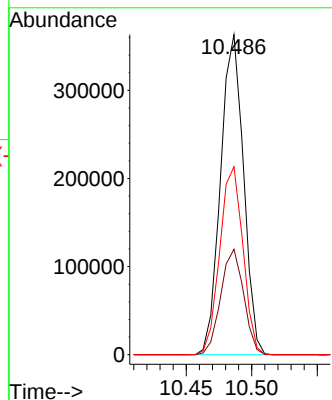
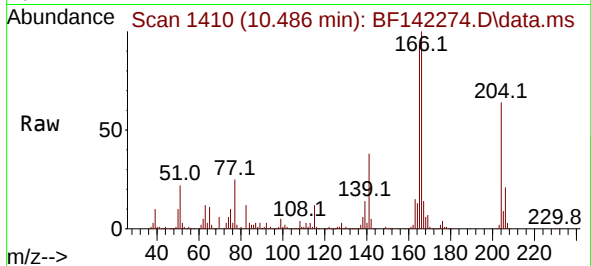




#61
4-Chlorophenyl-phenylether
Concen: 36.772 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

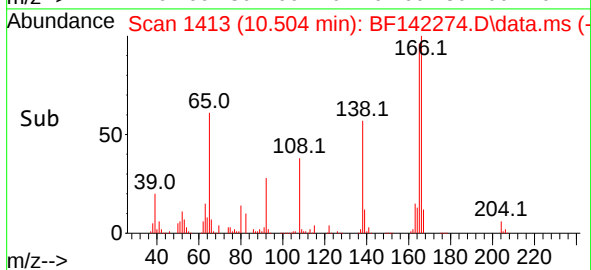
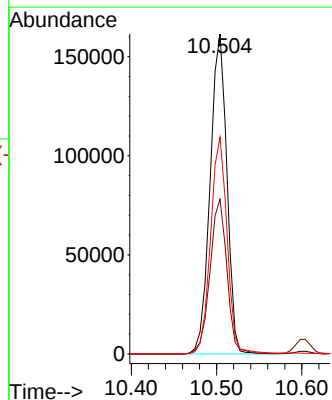
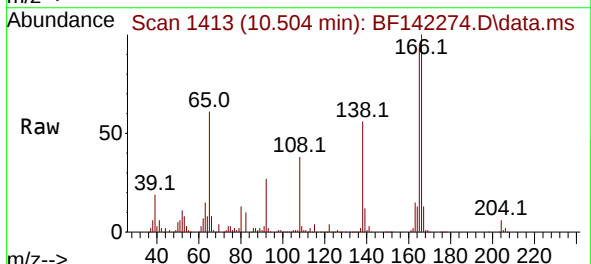
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

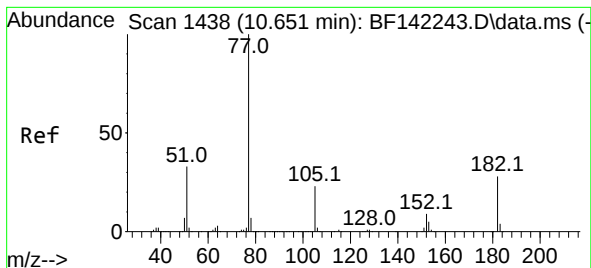
Tgt Ion:204 Resp: 441273
Ion Ratio Lower Upper
204 100
206 32.9 25.6 38.4
141 58.7 48.9 73.3



#62
4-Nitroaniline
Concen: 42.072 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:138 Resp: 220163
Ion Ratio Lower Upper
138 100
92 48.3 29.2 69.2
108 67.7 49.1 89.1





#63

Azobenzene

Concen: 36.907 ng

RT: 10.645 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 895687

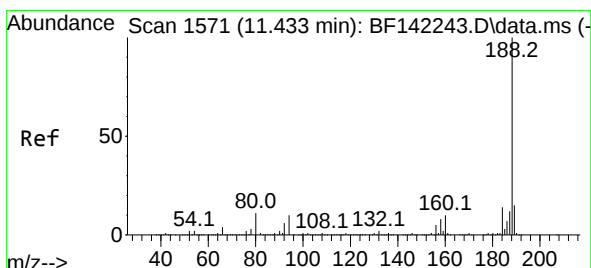
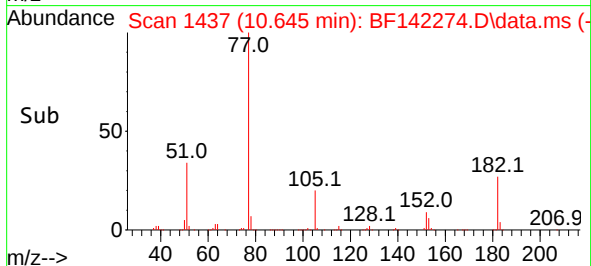
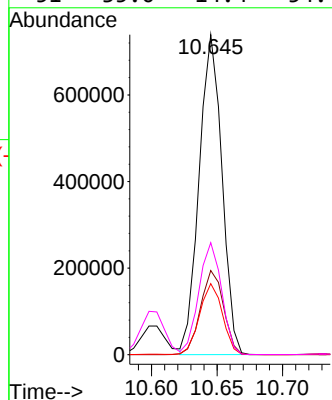
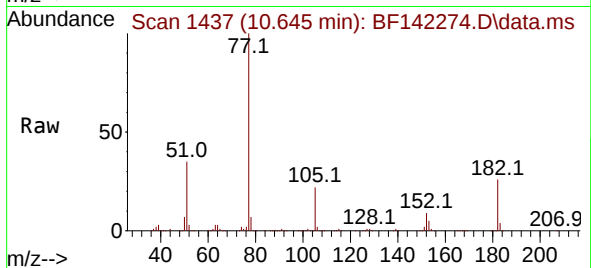
Ion Ratio Lower Upper

77 100

182 26.3 7.3 47.3

105 22.2 2.5 42.5

51 35.0 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

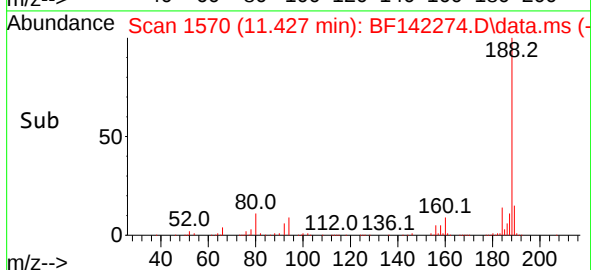
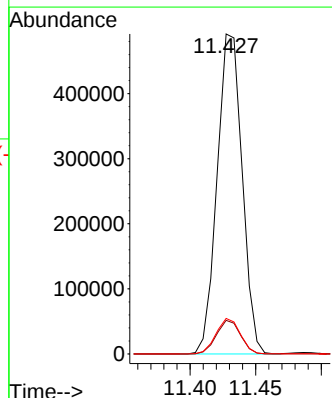
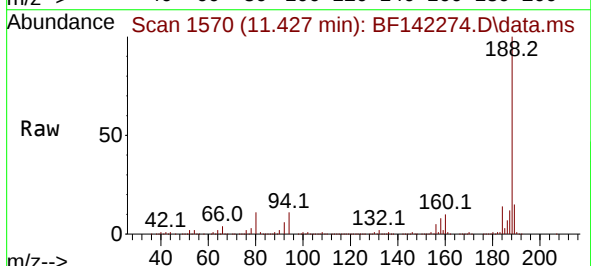
Tgt Ion: 188 Resp: 652685

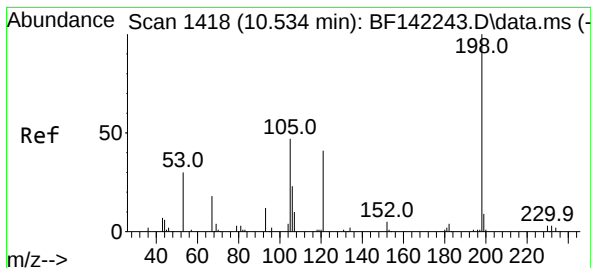
Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

80 11.1 8.6 12.8

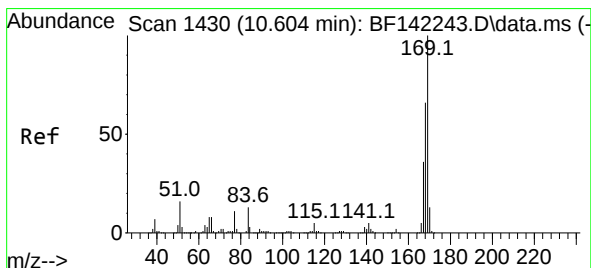
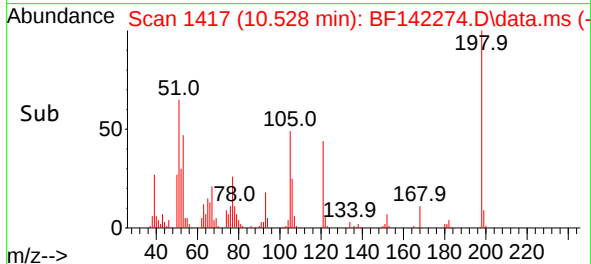
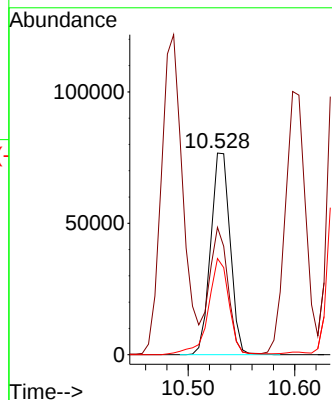
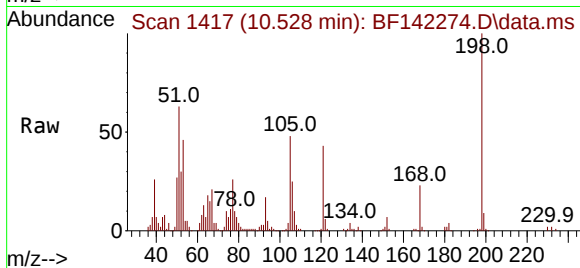




#65
4,6-Dinitro-2-methylphenol
Concen: 45.858 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

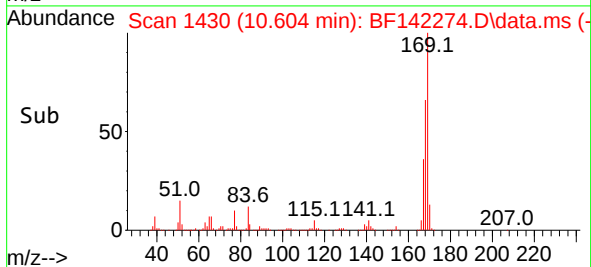
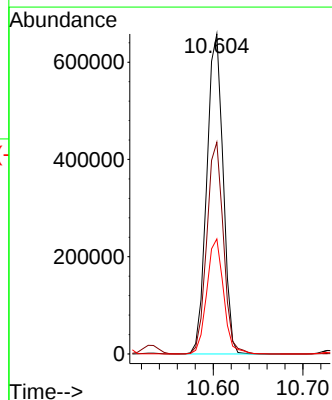
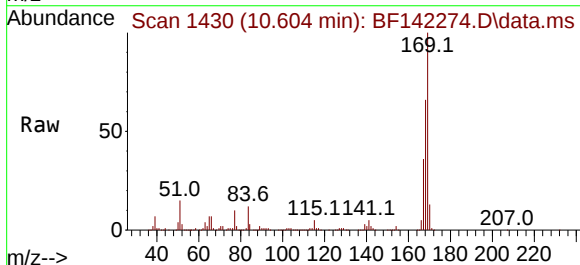
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

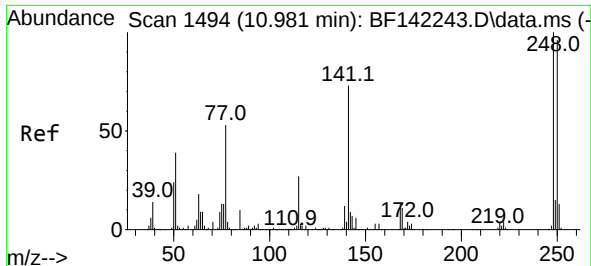
Tgt Ion:198 Resp: 97288
Ion Ratio Lower Upper
198 100
51 63.1 40.6 80.6
105 47.7 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 37.187 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:169 Resp: 829293
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 36.0 28.8 43.2

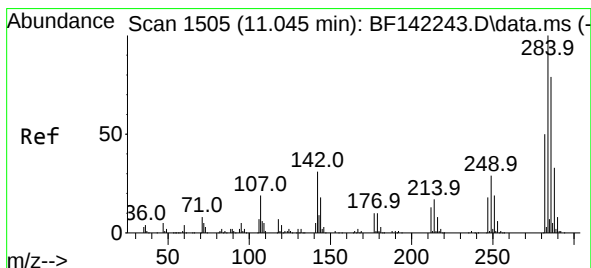
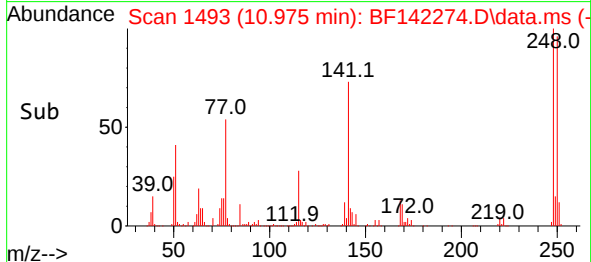
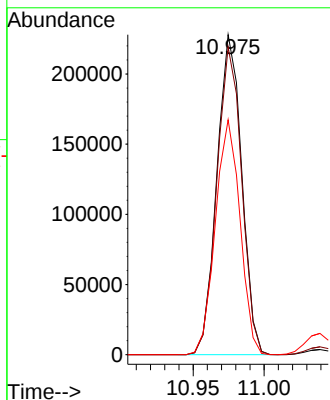
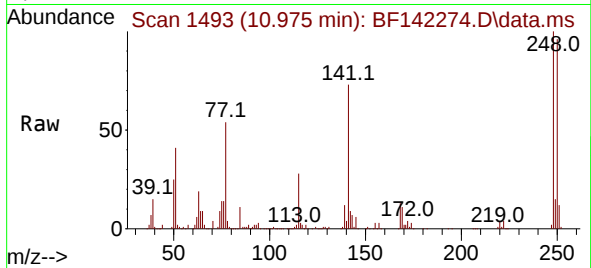




#67
4-Bromophenyl-phenylether
Concen: 38.179 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

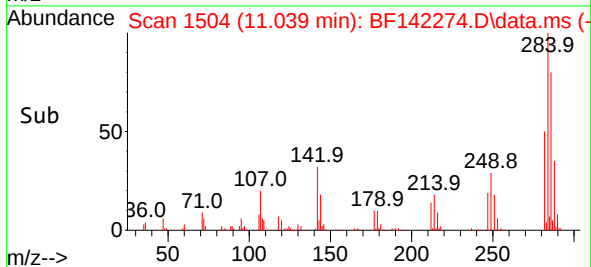
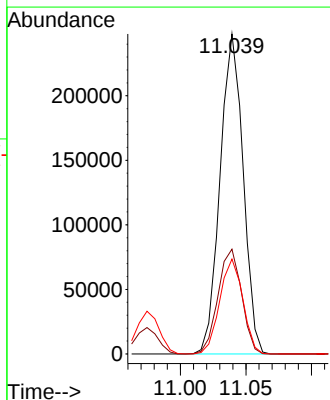
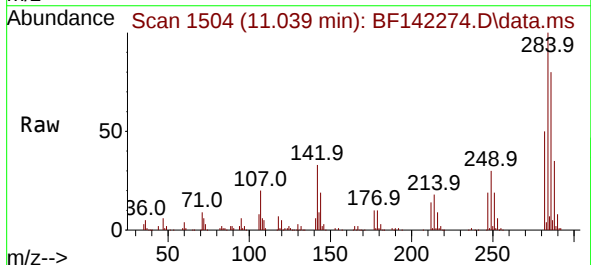
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

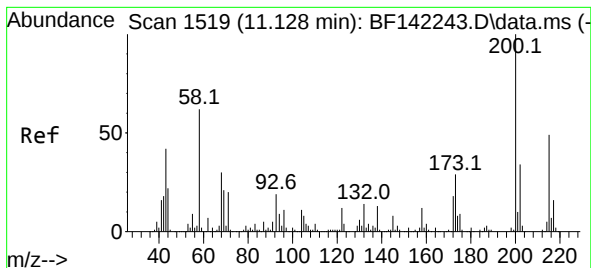
Tgt Ion:248 Resp: 277516
Ion Ratio Lower Upper
248 100
250 96.1 77.2 115.8
141 73.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.175 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:284 Resp: 302639
Ion Ratio Lower Upper
284 100
142 32.8 24.6 37.0
249 29.7 23.2 34.8





#69

Atrazine

Concen: 38.907 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

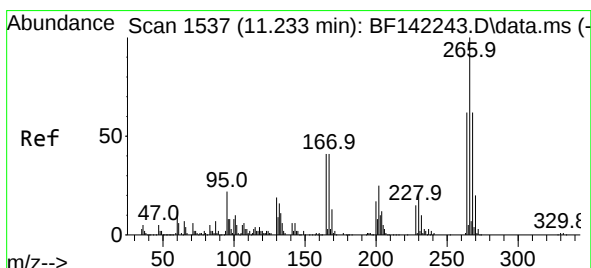
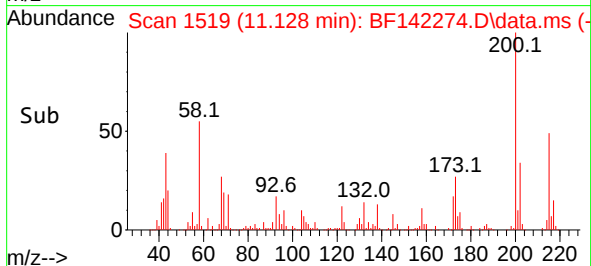
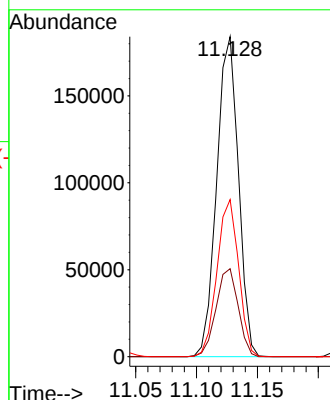
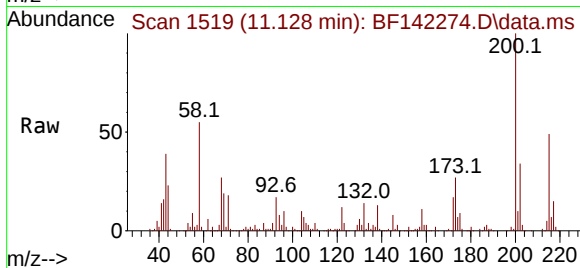
Tgt Ion:200 Resp: 228706

Ion Ratio Lower Upper

200 100

173 27.5 8.6 48.6

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 41.560 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

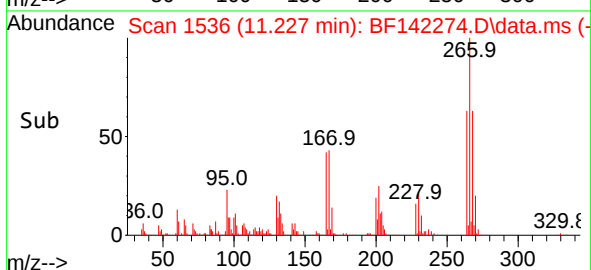
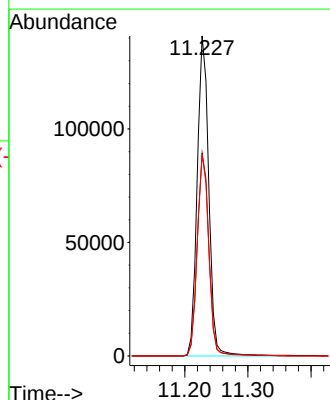
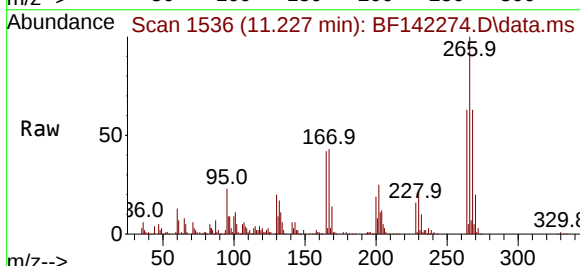
Tgt Ion:266 Resp: 178739

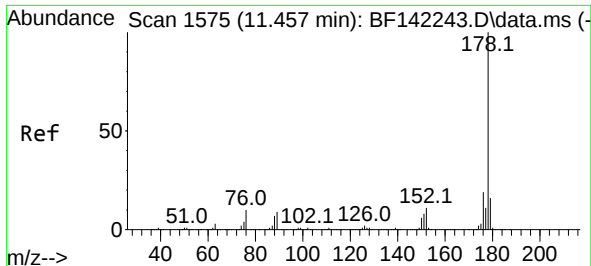
Ion Ratio Lower Upper

266 100

268 63.4 50.0 75.0

264 63.0 49.3 73.9

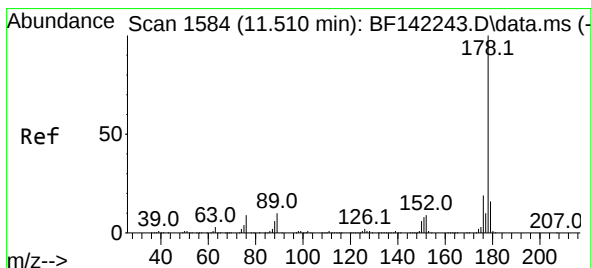
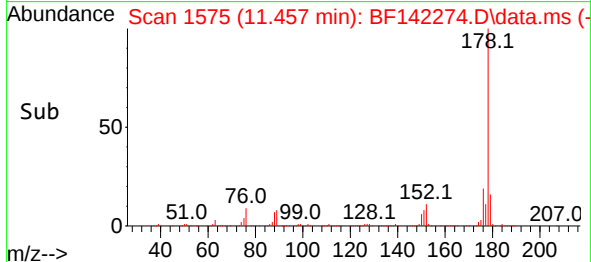
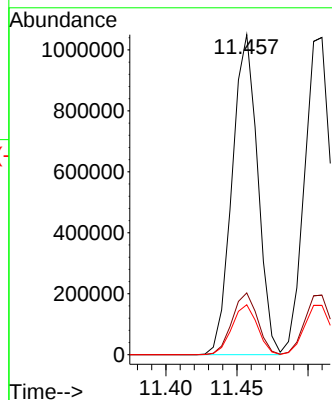
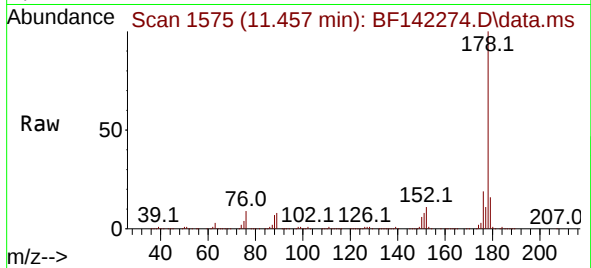




#71
Phenanthrene
Concen: 37.261 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

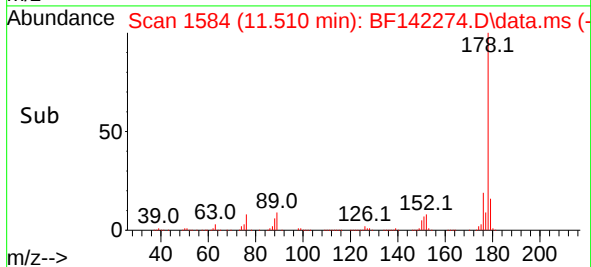
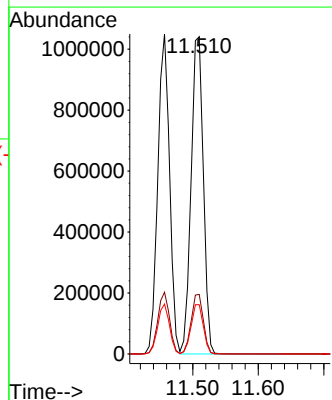
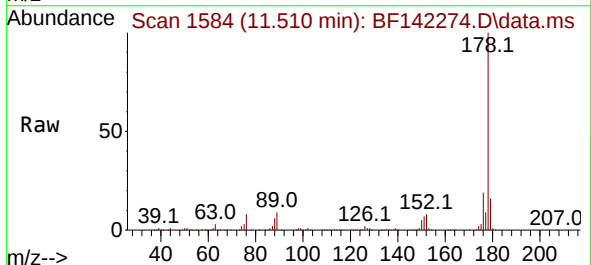
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

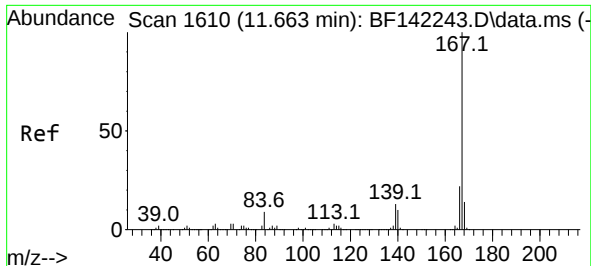
Tgt Ion:178 Resp: 1313668
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.6 12.6 19.0



#72
Anthracene
Concen: 37.446 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:178 Resp: 1349761
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.7 19.1

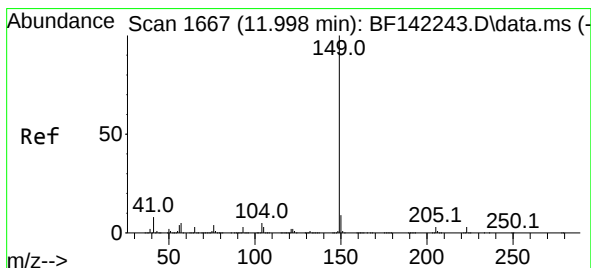
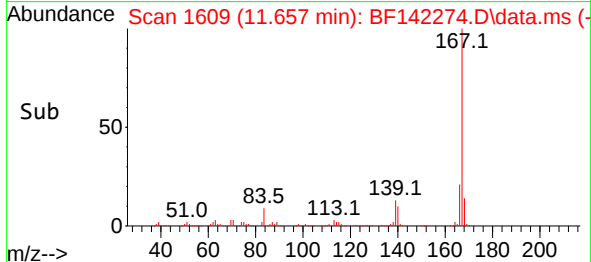
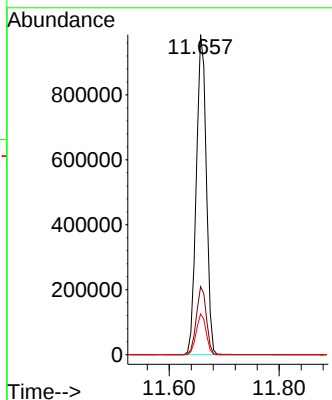
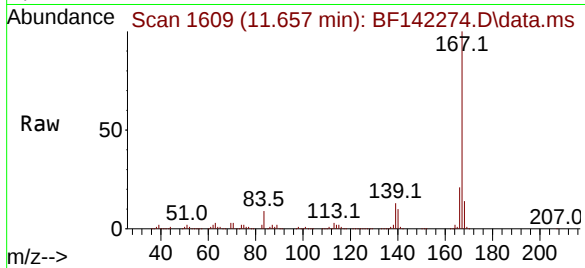




#73
 Carbazole
 Concen: 37.893 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142274.D
 Acq: 02 May 2025 10:39

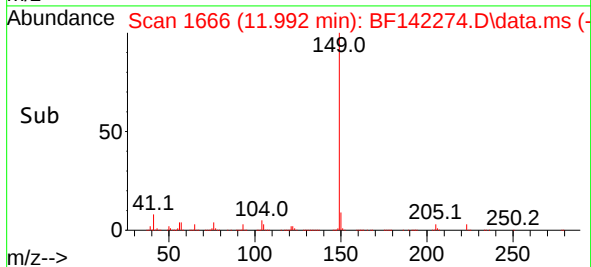
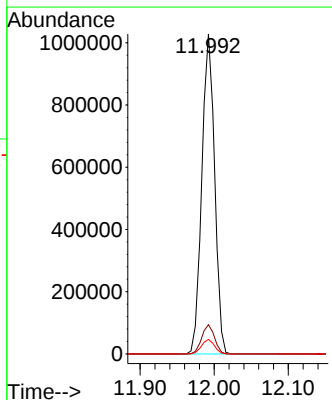
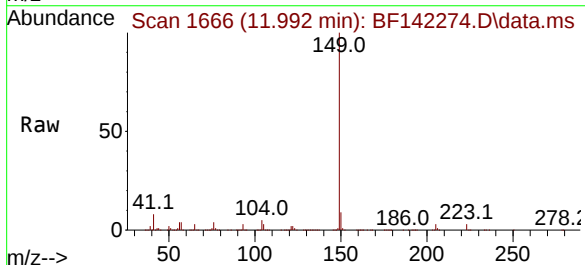
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

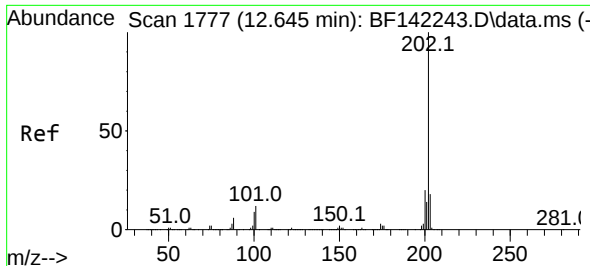
Tgt Ion:167 Resp: 1245984
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.3 25.9
 139 12.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 37.366 ng
 RT: 11.992 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF142274.D
 Acq: 02 May 2025 10:39

Tgt Ion:149 Resp: 1235690
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.5 3.6 5.4

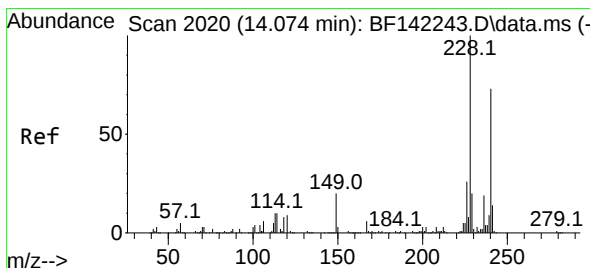
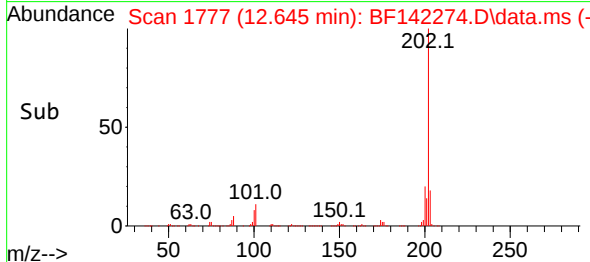
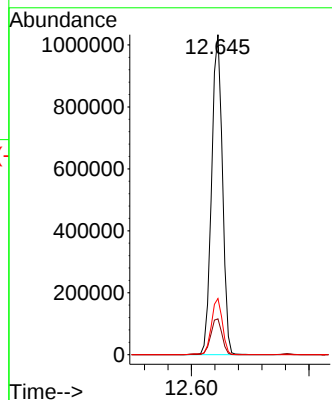
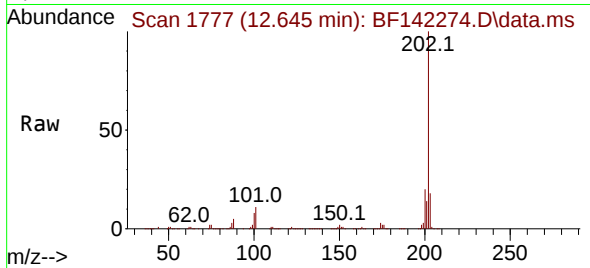




#75
Fluoranthene
Concen: 37.775 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

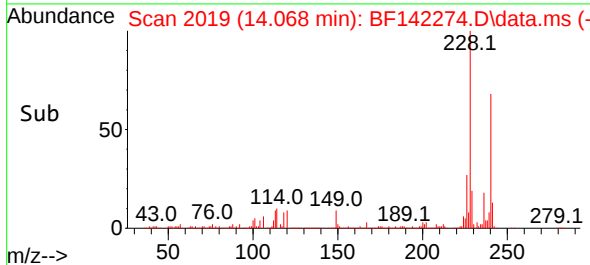
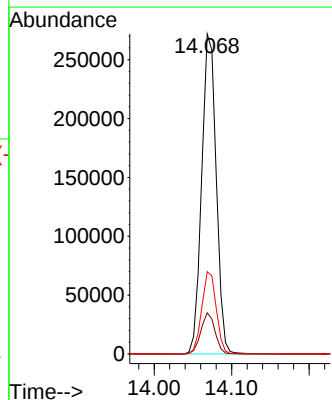
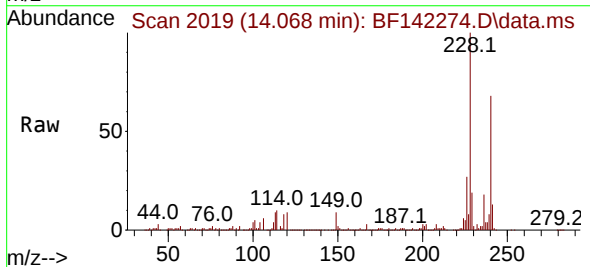
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

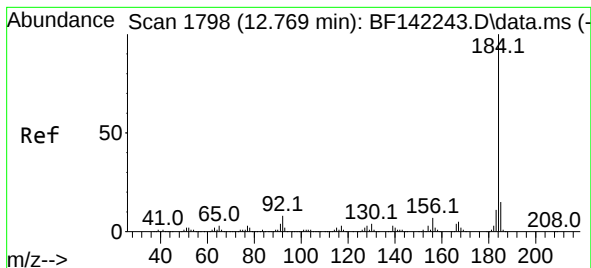
Tgt Ion:202 Resp: 1316477
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.4
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:240 Resp: 354752
Ion Ratio Lower Upper
240 100
120 12.8 10.1 15.1
236 25.7 20.5 30.7





#77

Benzidine

Concen: 41.743 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

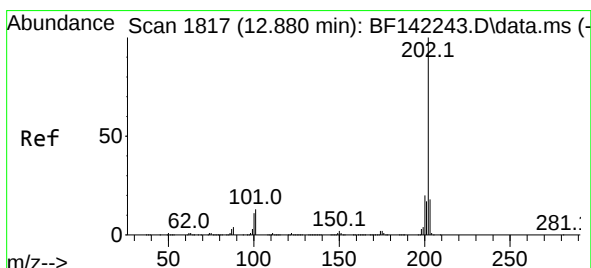
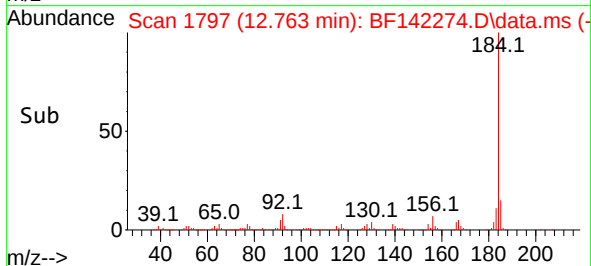
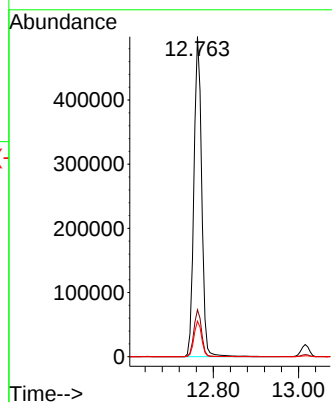
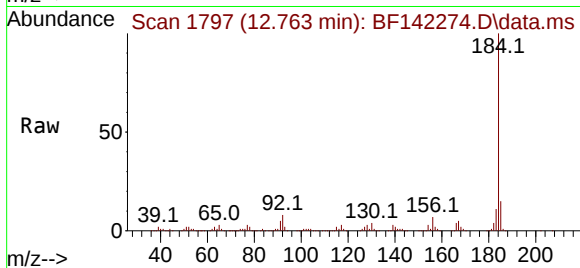
Tgt Ion:184 Resp: 629233

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

183 11.1 8.9 13.3



#78

Pyrene

Concen: 40.557 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

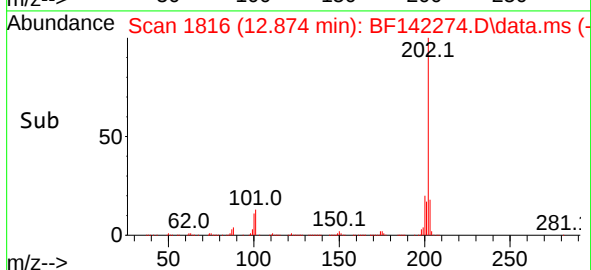
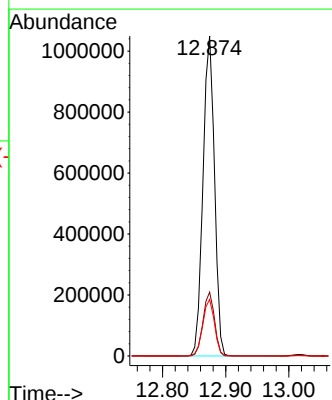
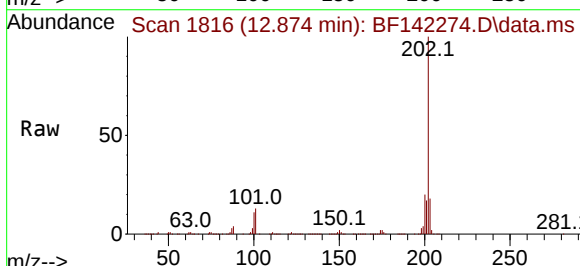
Tgt Ion:202 Resp: 1327219

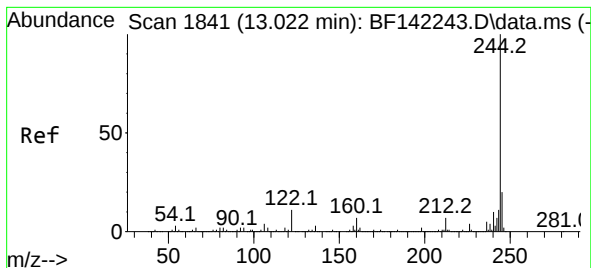
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 78.207 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

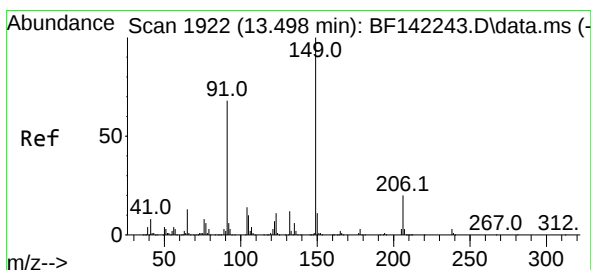
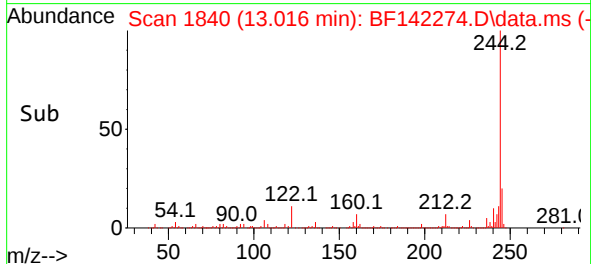
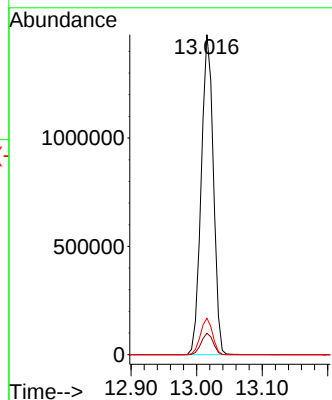
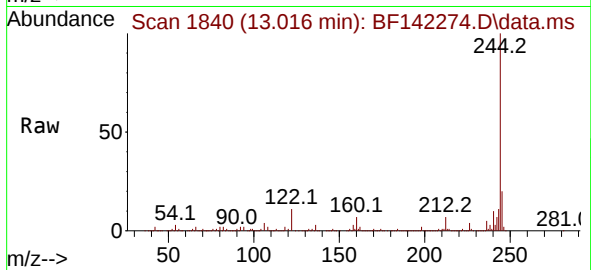
Tgt Ion:244 Resp: 1907599

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 36.531 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

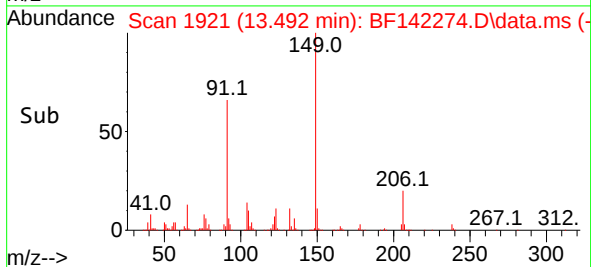
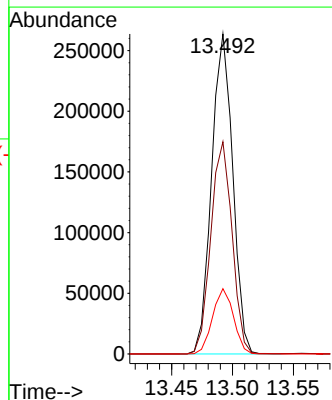
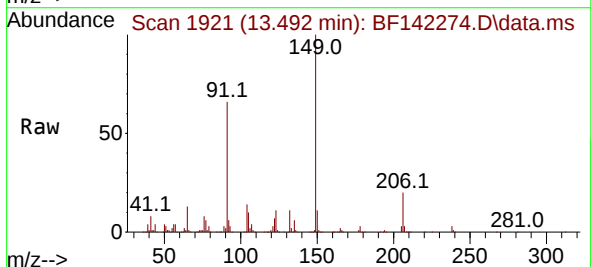
Tgt Ion:149 Resp: 318246

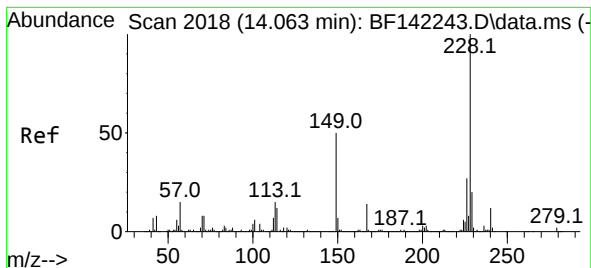
Ion Ratio Lower Upper

149 100

91 66.3 54.4 81.6

206 20.4 15.9 23.9





#81

Benzo(a)anthracene

Concen: 38.532 ng

RT: 14.057 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

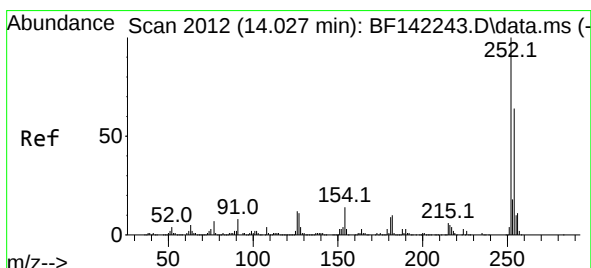
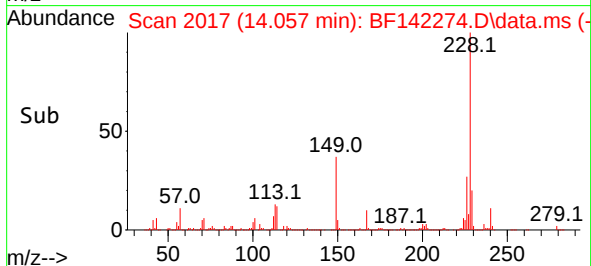
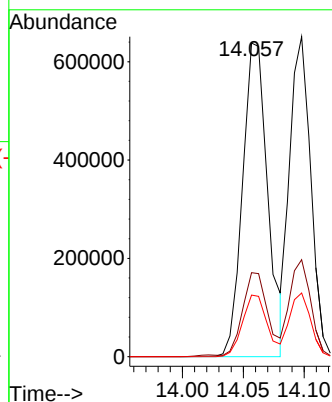
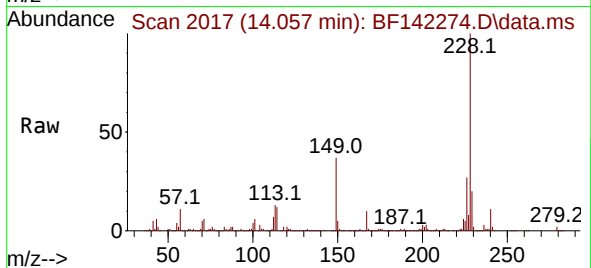
Tgt Ion:228 Resp: 917653

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.7 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 37.840 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

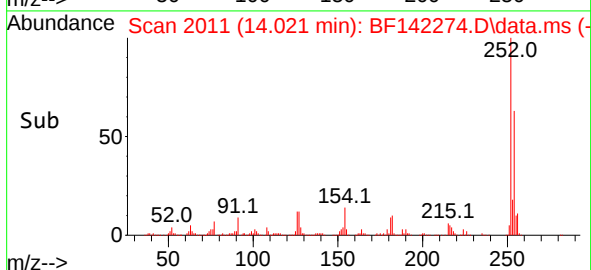
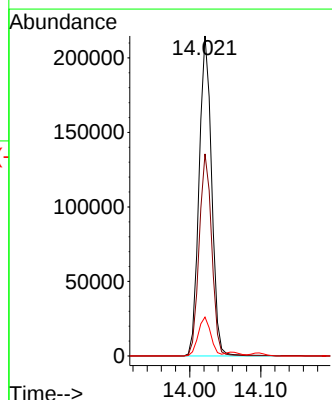
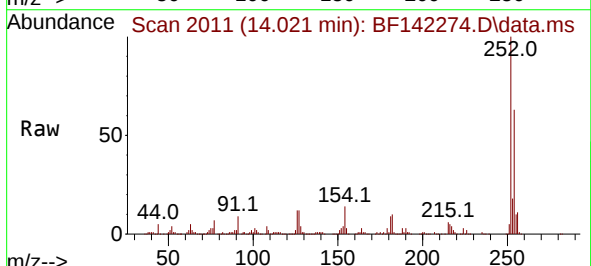
Tgt Ion:252 Resp: 264696

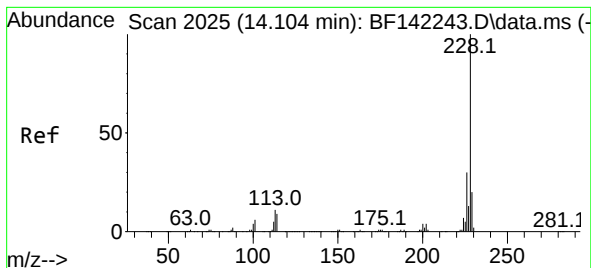
Ion Ratio Lower Upper

252 100

254 63.1 51.0 76.6

126 12.1 9.4 14.2





#83

Chrysene

Concen: 36.304 ng

RT: 14.098 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

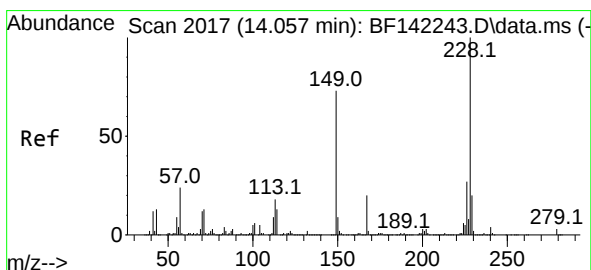
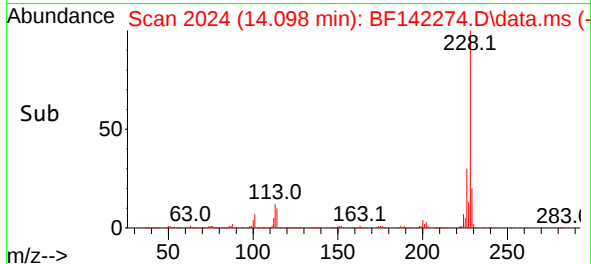
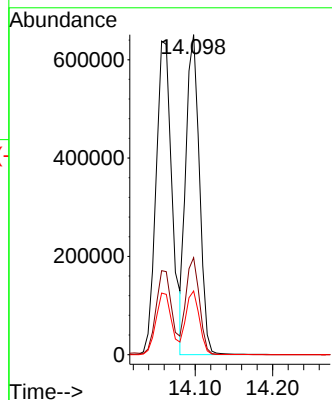
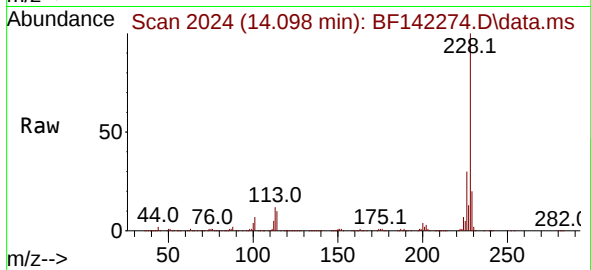
Tgt Ion:228 Resp: 786998

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.284 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

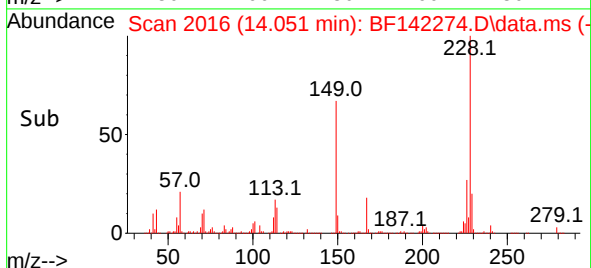
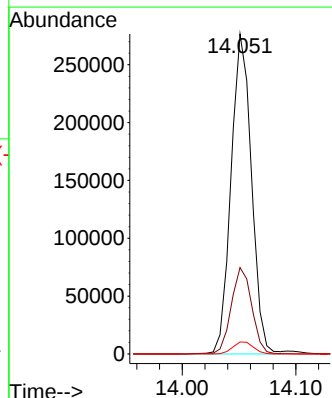
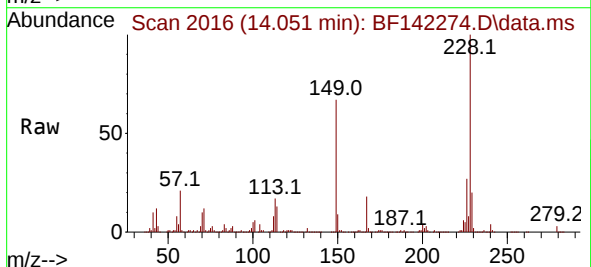
Tgt Ion:149 Resp: 344949

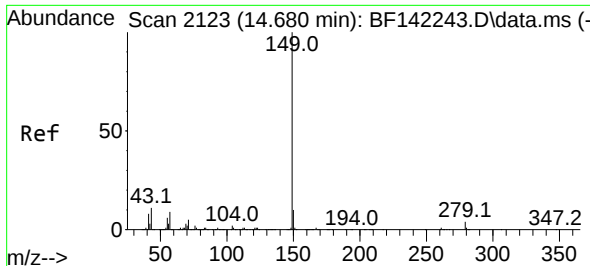
Ion Ratio Lower Upper

149 100

167 27.0 21.7 32.5

279 3.8 3.0 4.4

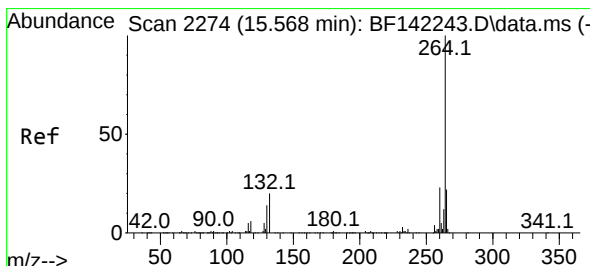
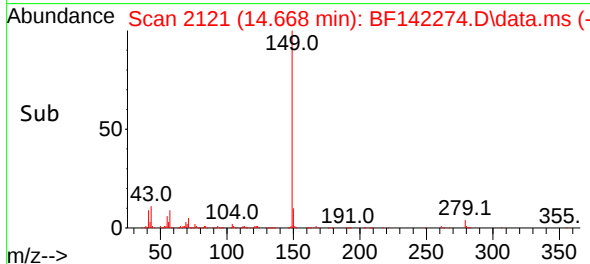
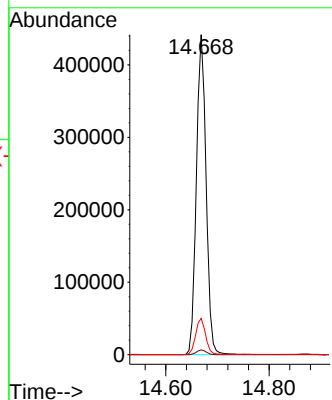
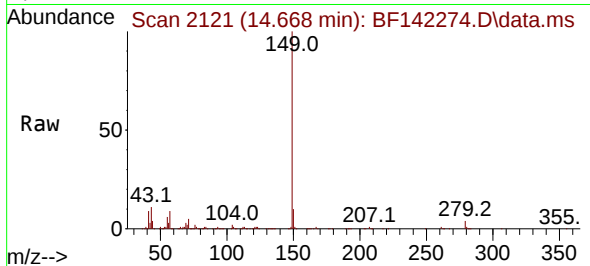




#85
Di-n-octyl phthalate
Concen: 28.225 ng
RT: 14.668 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

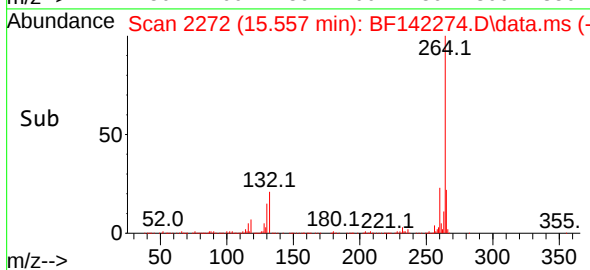
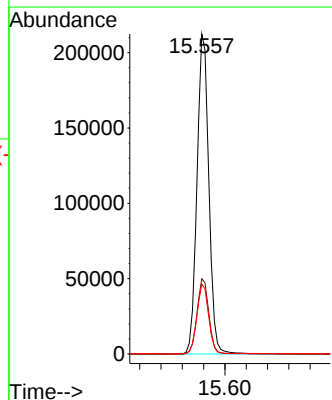
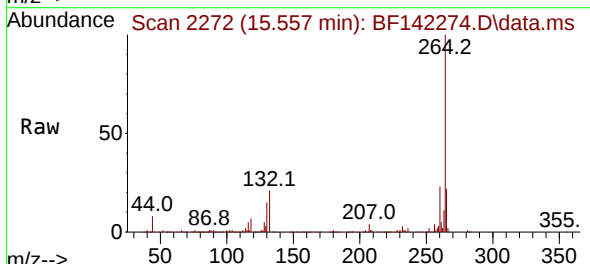
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

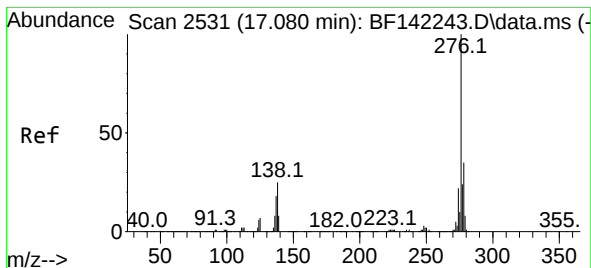
Tgt Ion:149 Resp: 576205
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.6 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:264 Resp: 327562
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.896 ng

RT: 17.068 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

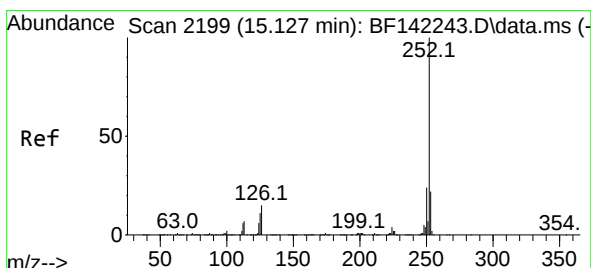
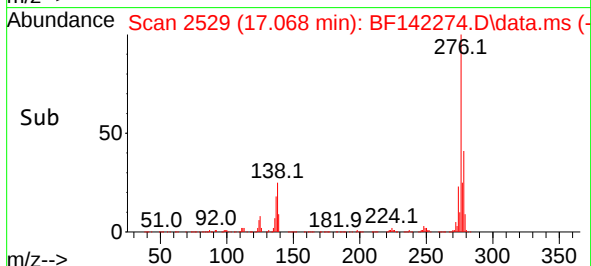
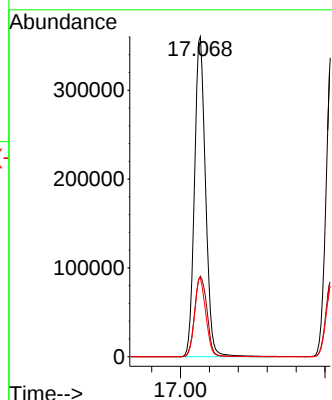
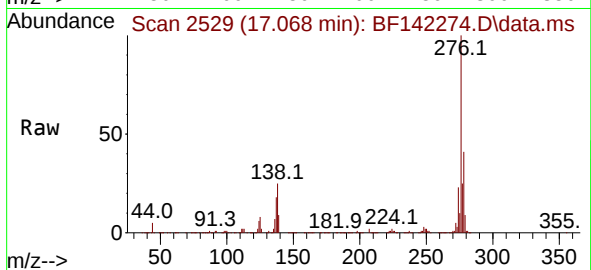
Tgt Ion:276 Resp: 957230

Ion Ratio Lower Upper

276 100

138 28.0 22.6 33.8

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 34.545 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

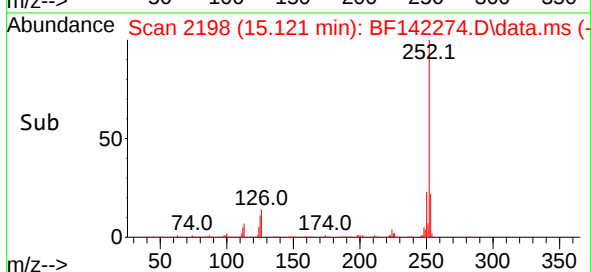
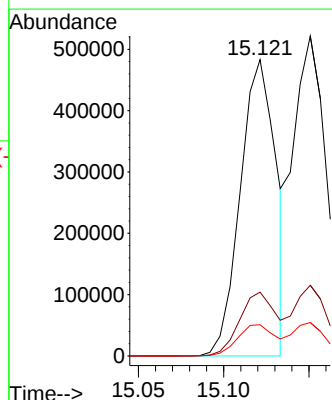
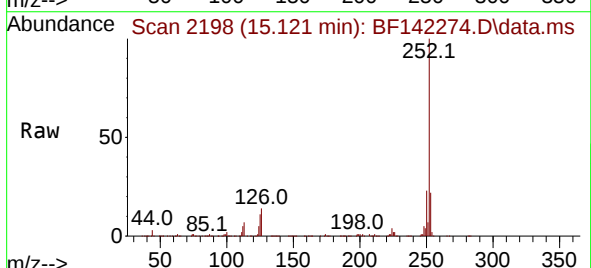
Tgt Ion:252 Resp: 702872

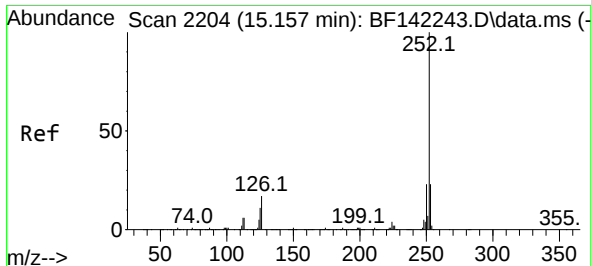
Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.5 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 38.642 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

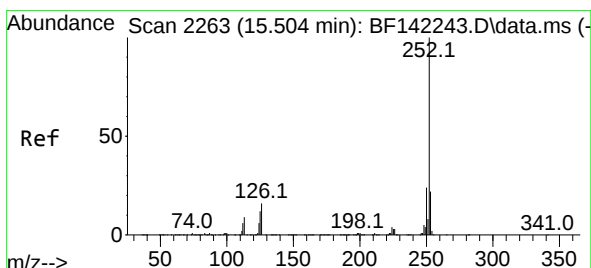
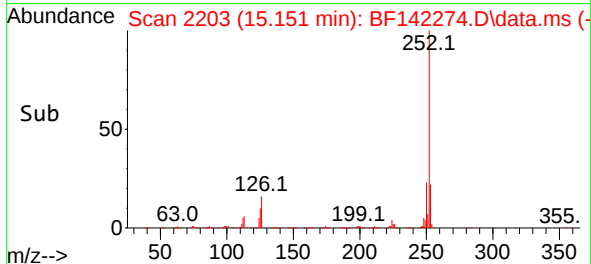
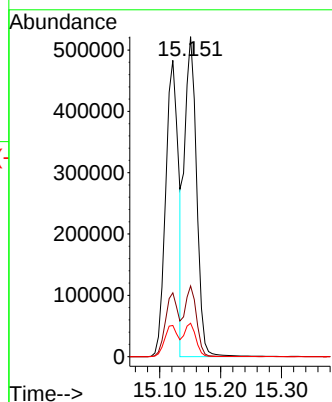
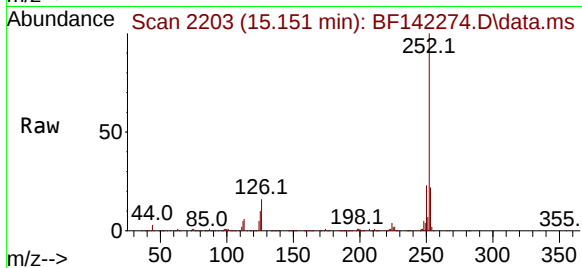
Tgt Ion:252 Resp: 719163

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.5 9.0 13.6



#90

Benzo(a)pyrene

Concen: 37.783 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF142274.D

Acq: 02 May 2025 10:39

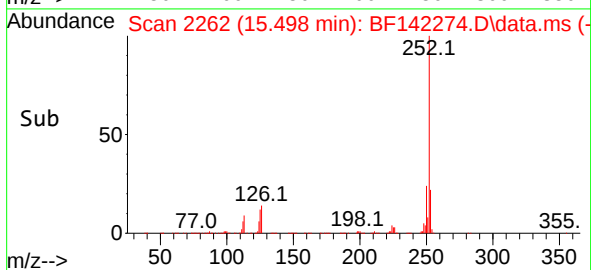
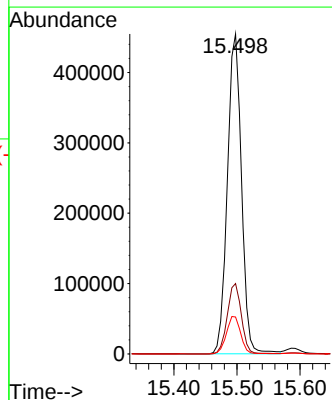
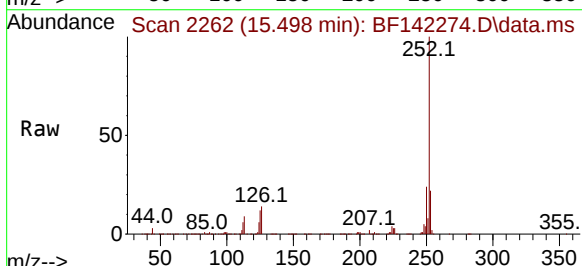
Tgt Ion:252 Resp: 703822

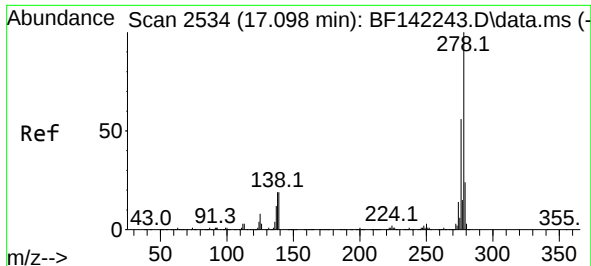
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.5 9.5 14.3



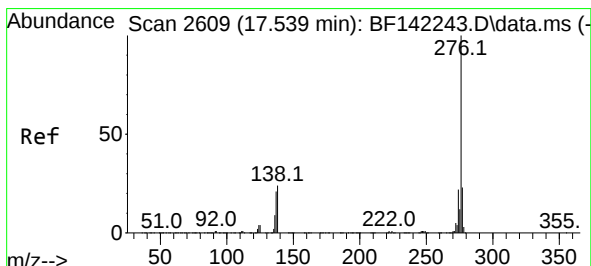
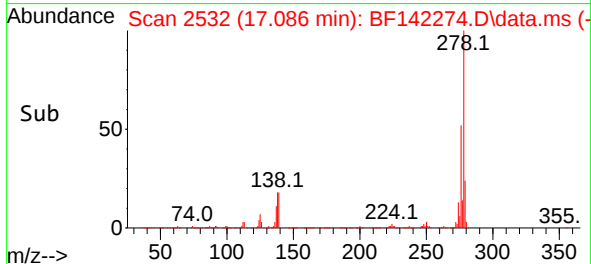
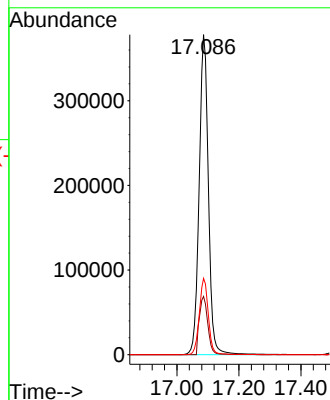
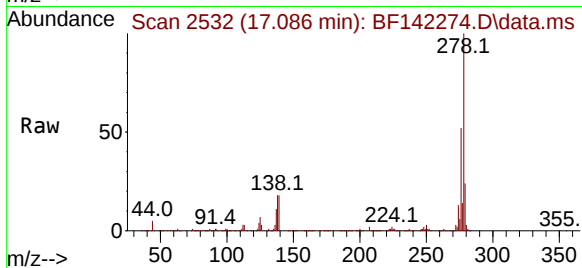


#91
Dibenzo(a,h)anthracene
Concen: 40.144 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 781717

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.2	22.8
279	23.9	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 40.703 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.018 min
Lab File: BF142274.D
Acq: 02 May 2025 10:39

Tgt Ion:276 Resp: 796796

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.7	28.1
138	24.5	19.4	29.0

