

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142023.D
 Acq On : 21 Mar 2025 11:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 21 20:15:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	195199	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	720872	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	388500	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	587785	20.000	ng	0.00
76) Chrysene-d12	14.039	240	376427	20.000	ng	0.00
86) Perylene-d12	15.510	264	434018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	891631	76.235	ng	0.00
7) Phenol-d6	6.504	99	1084709	72.841	ng	0.00
23) Nitrobenzene-d5	7.440	82	997237	77.851	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	373436	75.769	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1979770	77.500	ng	0.00
79) Terphenyl-d14	12.980	244	1738821	68.294	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	185904	37.935	ng	98
3) Pyridine	3.399	79	436086	36.278	ng	97
4) n-Nitrosodimethylamine	3.352	42	206275	35.998	ng	97
6) Aniline	6.540	93	512296	34.873	ng	99
8) 2-Chlorophenol	6.663	128	485044	37.393	ng	99
9) Benzaldehyde	6.428	77	362479	43.523	ng	99
10) Phenol	6.516	94	571326	36.469	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	422617	35.926	ng	98
12) 1,3-Dichlorobenzene	6.816	146	534169	38.143	ng	99
13) 1,4-Dichlorobenzene	6.893	146	535925	37.823	ng	99
14) 1,2-Dichlorobenzene	7.051	146	503928	37.759	ng	98
15) Benzyl Alcohol	7.016	79	437054	36.304	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	463529	32.639	ng	98
17) 2-Methylphenol	7.122	107	370173	35.891	ng	99
18) Hexachloroethane	7.387	117	199062	37.464	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	314900	32.910	ng	98
20) 3+4-Methylphenols	7.281	107	466532	35.315	ng	# 85
22) Acetophenone	7.287	105	650103	37.658	ng	99
24) Nitrobenzene	7.457	77	491128	38.567	ng	99
25) Isophorone	7.698	82	816476	36.059	ng	99
26) 2-Nitrophenol	7.775	139	262932	42.069	ng	99
27) 2,4-Dimethylphenol	7.804	122	318733	37.036	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	518397	36.502	ng	100
29) 2,4-Dichlorophenol	8.016	162	413237	38.685	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	460936	39.155	ng	98
31) Naphthalene	8.181	128	1400846	37.830	ng	100
32) Benzoic acid	7.922	122	314273	41.543	ng	98
33) 4-Chloroaniline	8.228	127	469993	35.954	ng	99
34) Hexachlorobutadiene	8.298	225	308153	40.139	ng	99
35) Caprolactam	8.598	113	111785	34.325	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	443706	37.237	ng	98
37) 2-Methylnaphthalene	8.869	142	911205	36.814	ng	99
38) 1-Methylnaphthalene	8.969	142	882823	36.962	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	479575	40.545	ng	99
41) Hexachlorocyclopentadiene	9.022	237	180465	38.985	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	298107	38.564	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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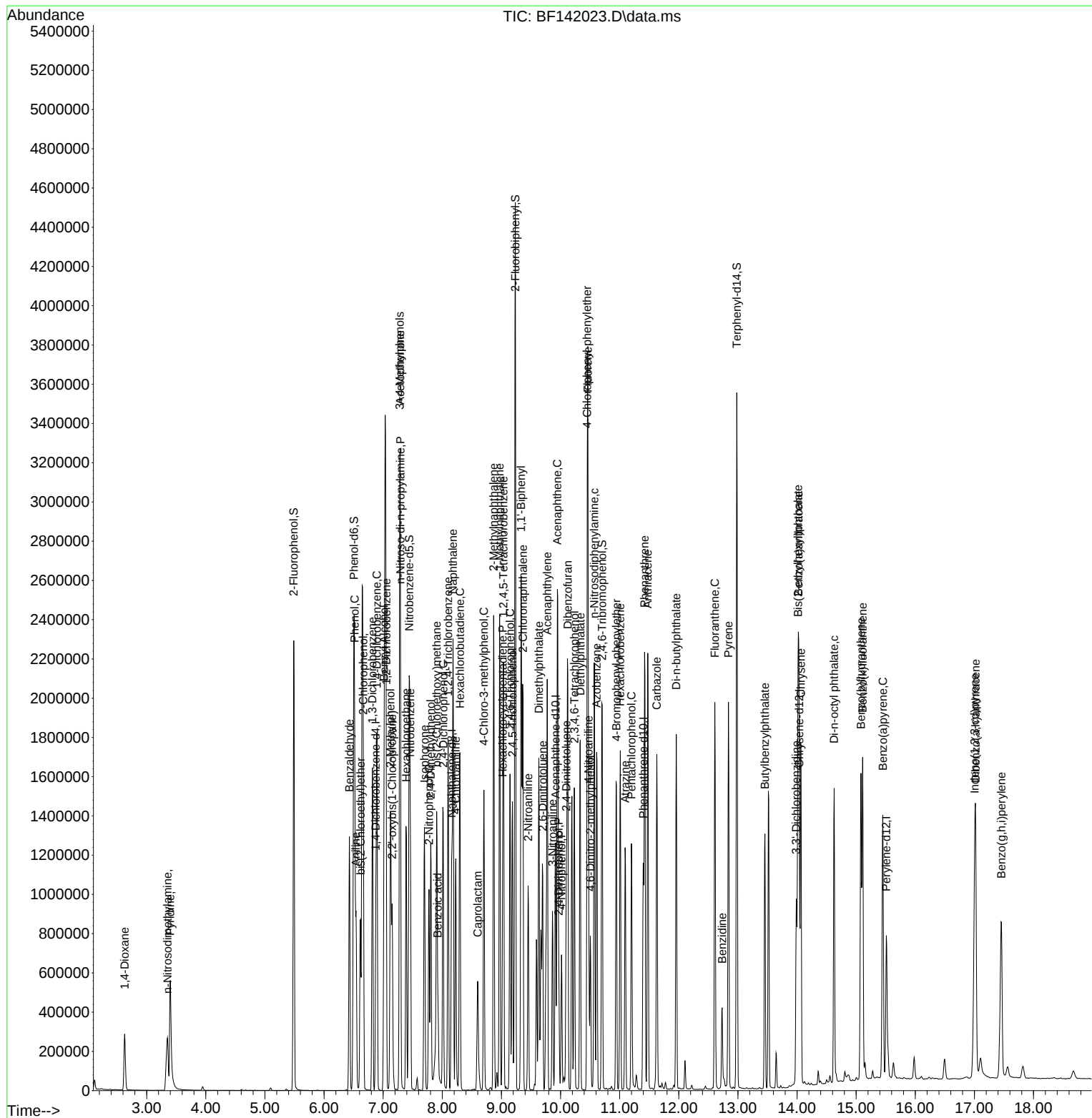
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	312093	39.863	ng	99
46) 1,1'-Biphenyl	9.334	154	1138712	38.576	ng	99
47) 2-Chloronaphthalene	9.363	162	851676	38.709	ng	99
48) 2-Nitroaniline	9.451	65	238385	37.421	ng	100
49) Acenaphthylene	9.775	152	1231873	37.730	ng	100
50) Dimethylphthalate	9.634	163	987628	36.302	ng	100
51) 2,6-Dinitrotoluene	9.698	165	215137	37.980	ng	92
52) Acenaphthene	9.945	154	892905	38.915	ng	100
53) 3-Nitroaniline	9.863	138	201882	35.135	ng	98
54) 2,4-Dinitrophenol	9.969	184	114917	39.346	ng	# 53
55) Dibenzofuran	10.122	168	1227283	37.434	ng	98
56) 4-Nitrophenol	10.016	139	153305	35.380	ng	97
57) 2,4-Dinitrotoluene	10.098	165	280251	37.880	ng	99
58) Fluorene	10.463	166	930208	36.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	272994	38.319	ng	96
60) Diethylphthalate	10.334	149	966922	35.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	491077	37.255	ng	98
62) 4-Nitroaniline	10.475	138	186083	33.265	ng	98
63) Azobenzene	10.610	77	876614	34.758	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	155358	44.337	ng	99
66) n-Nitrosodiphenylamine	10.569	169	771242	40.547	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	303878	41.165	ng	96
68) Hexachlorobenzene	11.010	284	339618	41.948	ng	95
69) Atrazine	11.092	200	233634	40.067	ng	100
70) Pentachlorophenol	11.198	266	208968	41.891	ng	99
71) Phenanthrene	11.422	178	1221432	38.473	ng	100
72) Anthracene	11.475	178	1223829	38.423	ng	100
73) Carbazole	11.628	167	983615	35.808	ng	100
74) Di-n-butylphthalate	11.957	149	1289158	35.369	ng	99
75) Fluoranthene	12.610	202	1144079	33.972	ng	100
77) Benzidine	12.733	184	254972	48.549	ng	99
78) Pyrene	12.839	202	1137297	34.928	ng	99
80) Butylbenzylphthalate	13.457	149	429733	33.719	ng	97
81) Benzo(a)anthracene	14.027	228	920325	37.258	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	298690	41.843	ng	100
83) Chrysene	14.063	228	873034	38.991	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	599082	34.093	ng	100
85) Di-n-octyl phthalate	14.627	149	1025700	41.951	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1001513	35.672	ng	97
88) Benzo(b)fluoranthene	15.080	252	980136	32.950	ng	99
89) Benzo(k)fluoranthene	15.110	252	811822	31.892	ng	99
90) Benzo(a)pyrene	15.451	252	866513	37.229	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	805222	34.761	ng	98
92) Benzo(g,h,i)perylene	17.457	276	805578	35.191	ng	97

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

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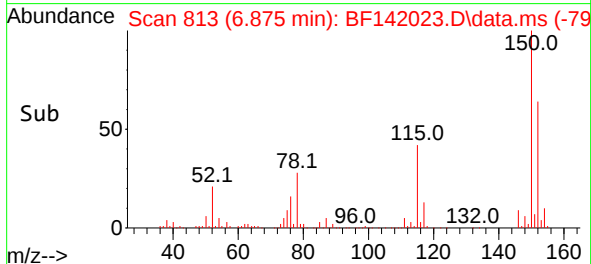
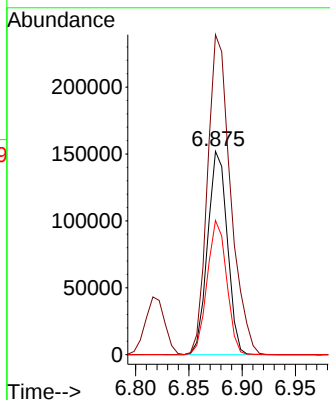
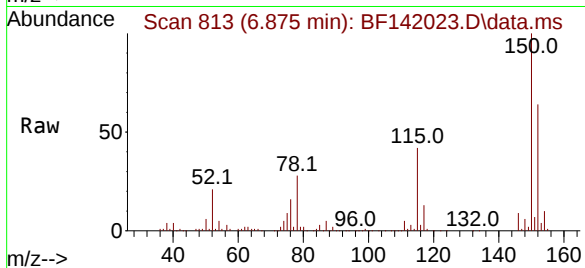




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

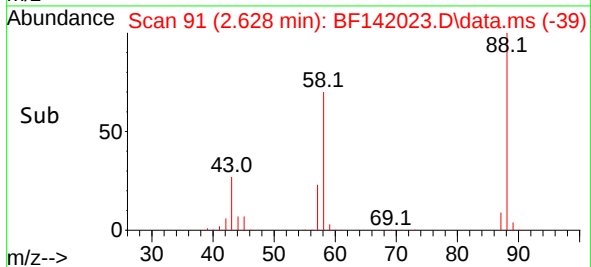
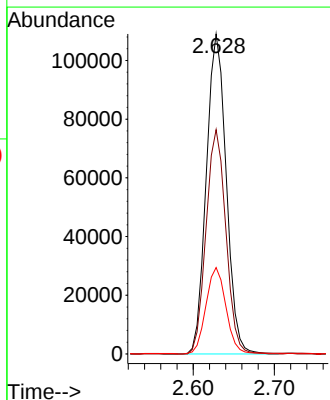
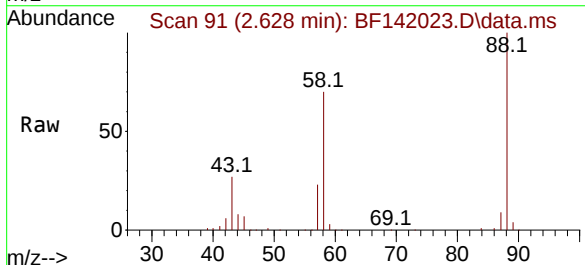
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BNA_F
ClientSampleId :
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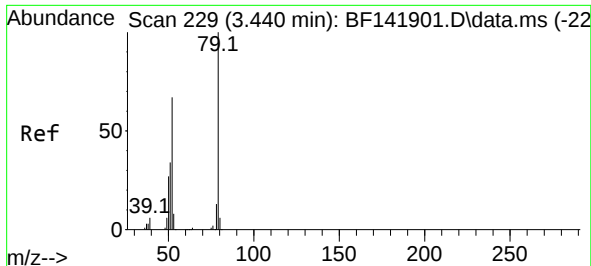
Tgt Ion:152 Resp: 195199
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.2
115 66.0 51.9 77.9



#2
1,4-Dioxane
Concen: 37.935 ng
RT: 2.628 min Scan# 91
Delta R.T. -0.047 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 88 Resp: 185904
Ion Ratio Lower Upper
88 100
58 69.6 57.4 86.2
43 27.3 21.5 32.3

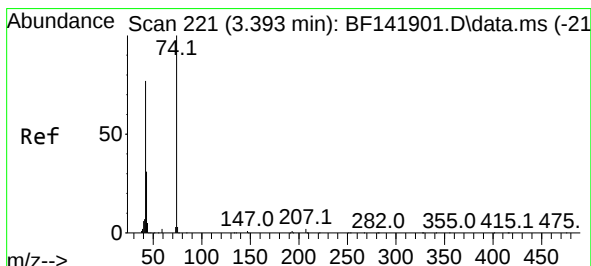
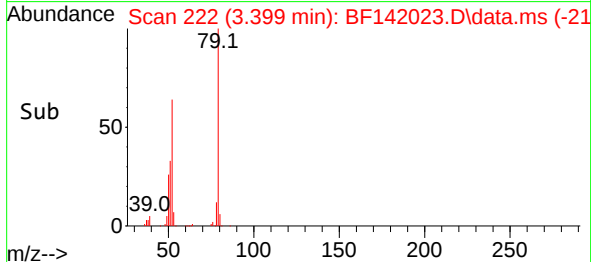
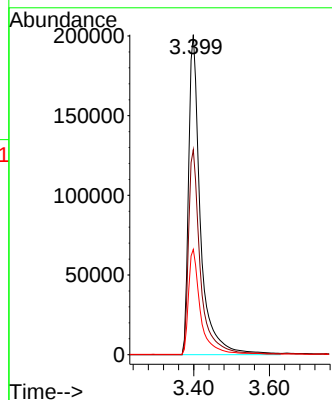
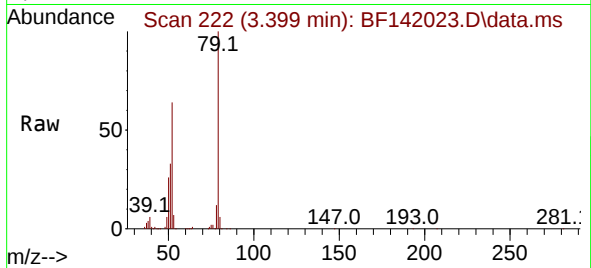




#3
Pyridine
Concen: 36.278 ng
RT: 3.399 min Scan# 214
Delta R.T. -0.041 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

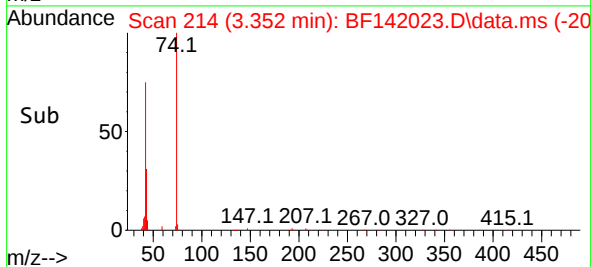
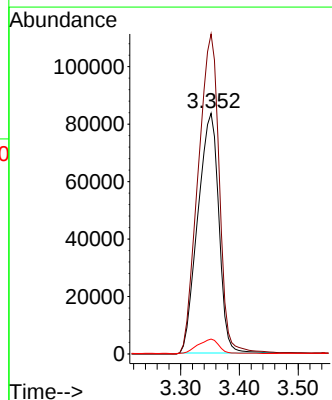
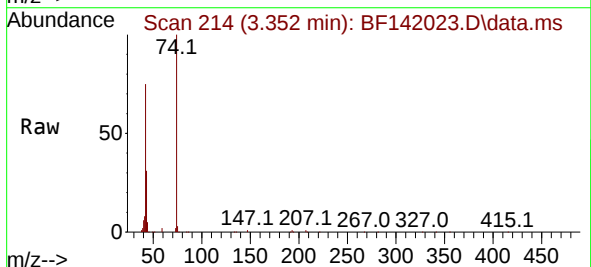
Instrument :
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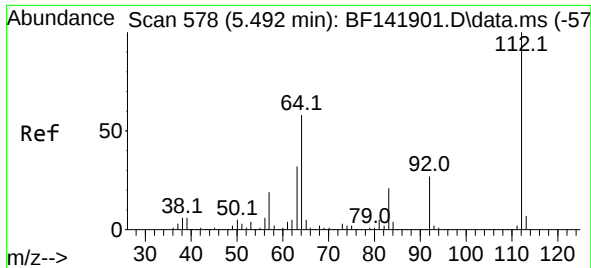
Tgt Ion: 79 Resp: 436086
Ion Ratio Lower Upper
79 100
52 64.0 53.3 79.9
51 32.9 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 35.998 ng
RT: 3.352 min Scan# 214
Delta R.T. -0.041 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 42 Resp: 206275
Ion Ratio Lower Upper
42 100
74 133.0 103.4 155.0
44 6.2 5.0 7.4

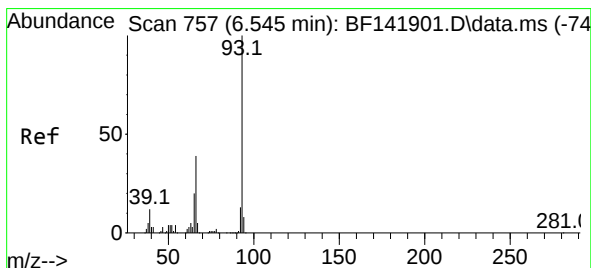
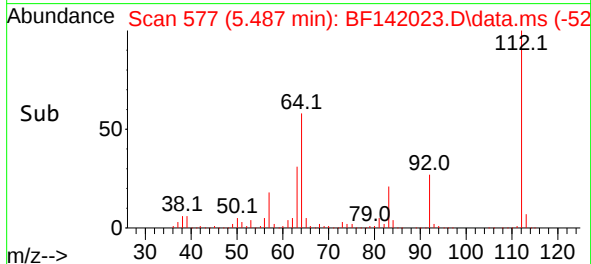
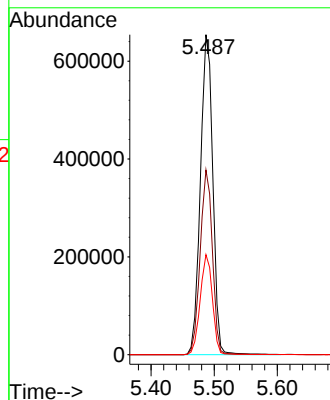
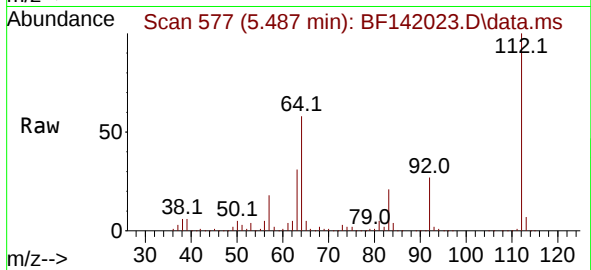




#5
2-Fluorophenol
Concen: 76.235 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

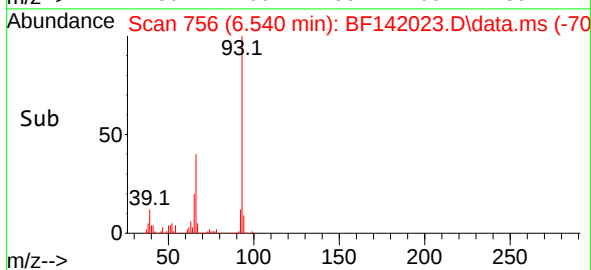
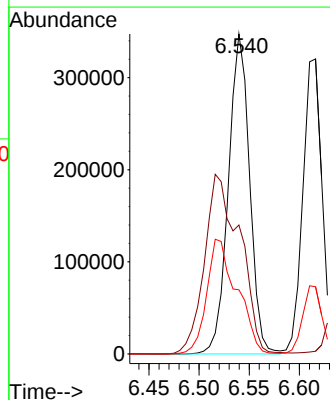
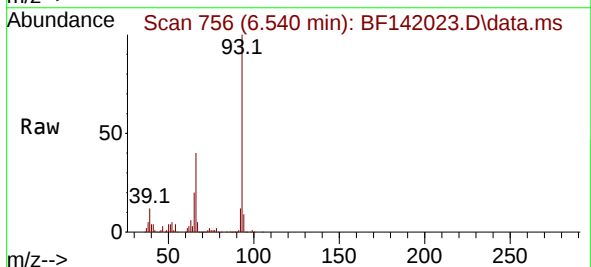
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 891631
Ion Ratio Lower Upper
112 100
64 57.7 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 34.873 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 93 Resp: 512296
Ion Ratio Lower Upper
93 100
66 40.3 31.9 47.9
65 20.0 15.8 23.6

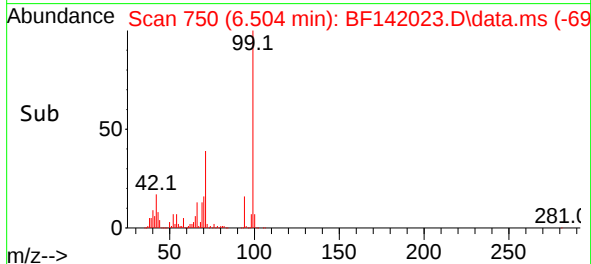
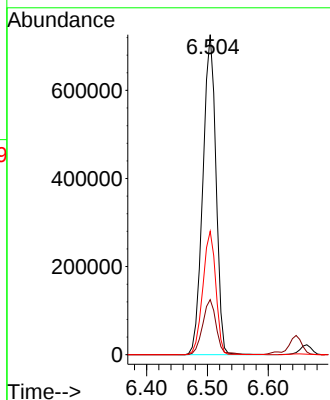
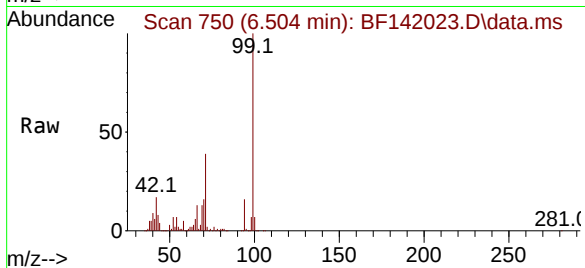




#7
Phenol-d6
Concen: 72.841 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

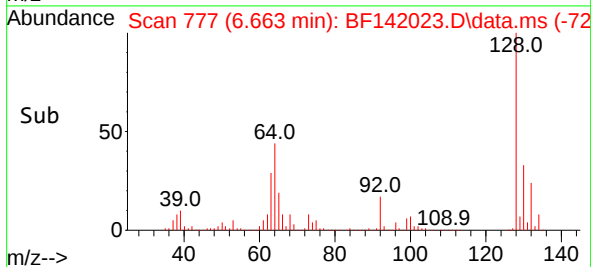
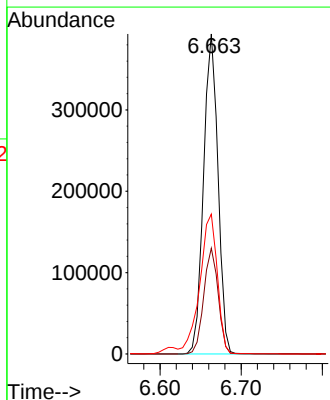
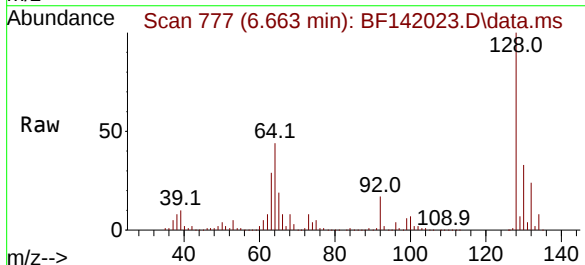
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Tgt Ion: 99 Resp: 1084709
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.6 30.8 46.2



#8
2-Chlorophenol
Concen: 37.393 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:128 Resp: 485044
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 43.7 24.4 64.4

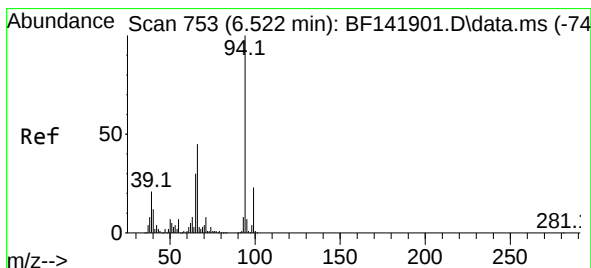
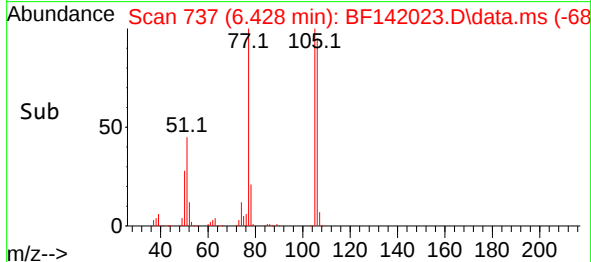
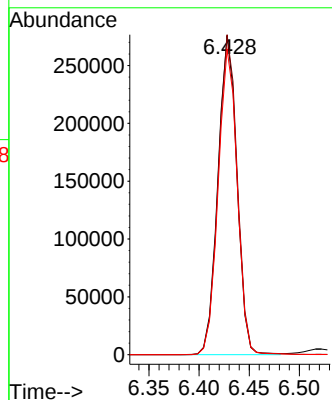
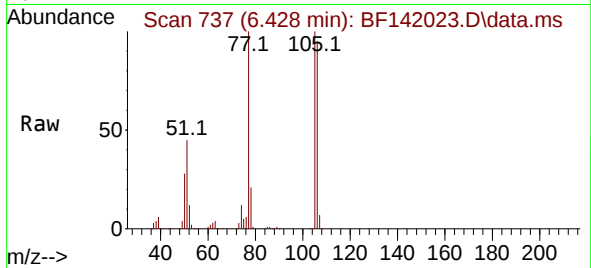




#9
Benzaldehyde
Concen: 43.523 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

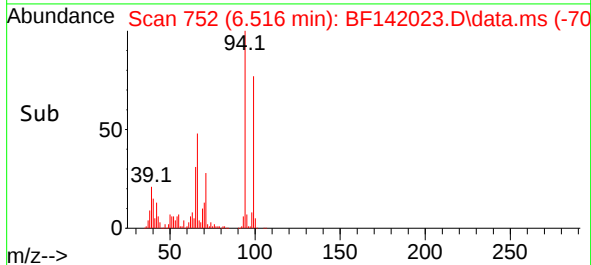
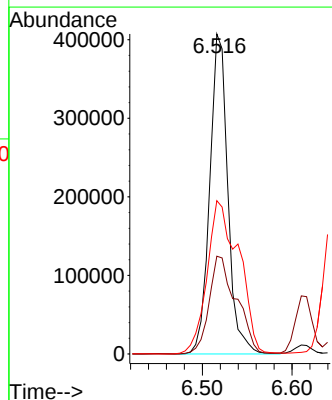
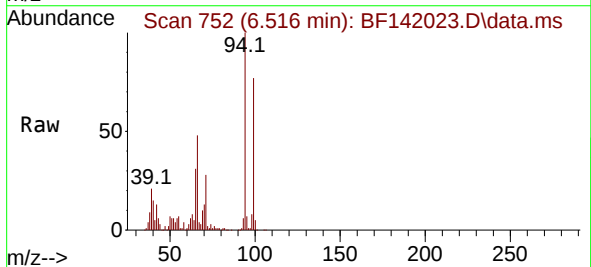
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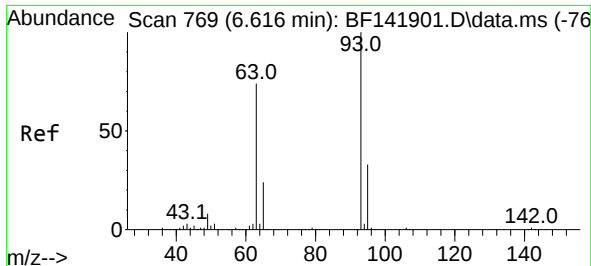
Tgt Ion: 77 Resp: 362479
Ion Ratio Lower Upper
77 100
105 100.4 80.0 120.0
106 95.8 74.5 114.5



#10
Phenol
Concen: 36.469 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142023.D
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Tgt Ion: 94 Resp: 571326
Ion Ratio Lower Upper
94 100
65 30.6 10.5 50.5
66 47.9 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 35.926 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

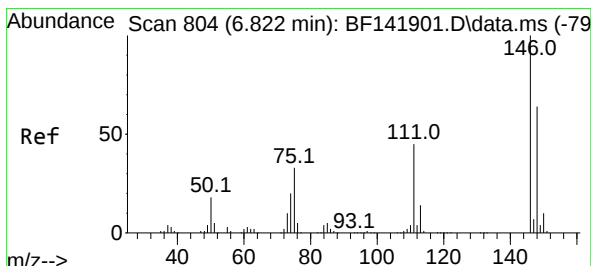
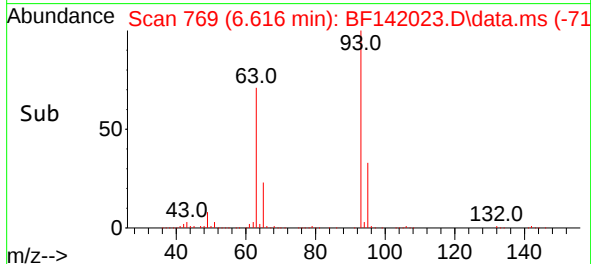
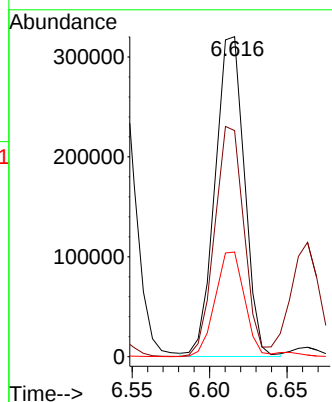
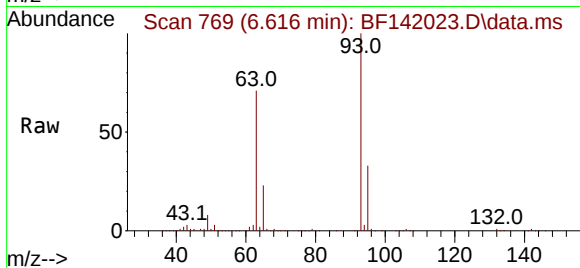
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 422617

Ion	Ratio	Lower	Upper
93	100		
63	70.6	53.0	93.0
95	32.7	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 38.143 ng

RT: 6.816 min Scan# 803

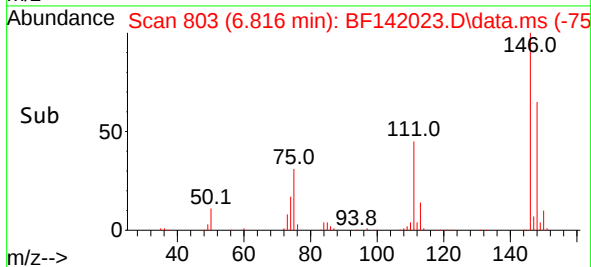
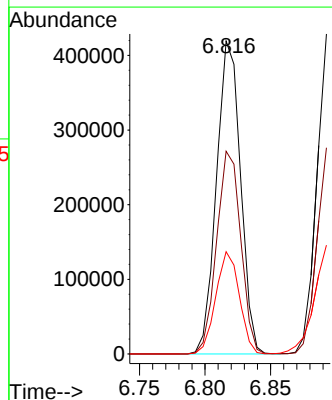
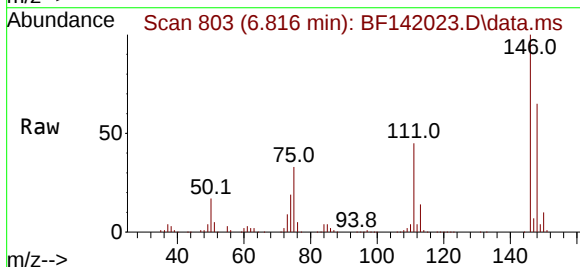
Delta R.T. -0.006 min

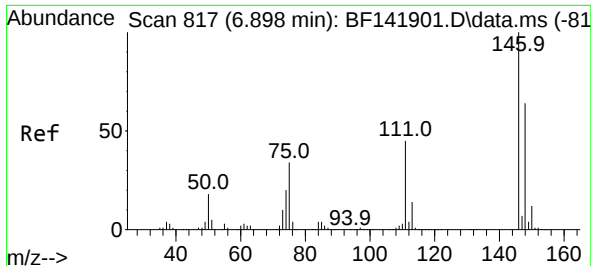
Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Tgt Ion:146 Resp: 534169

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
75	32.6	26.6	40.0

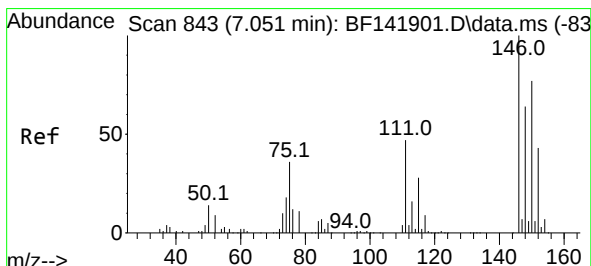
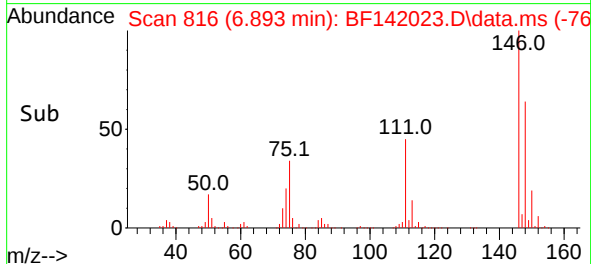
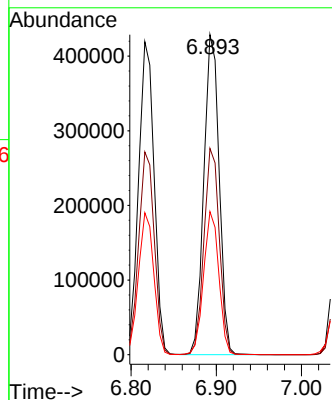
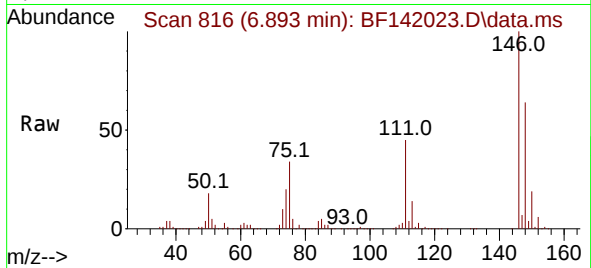




#13
1,4-Dichlorobenzene
Concen: 37.823 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

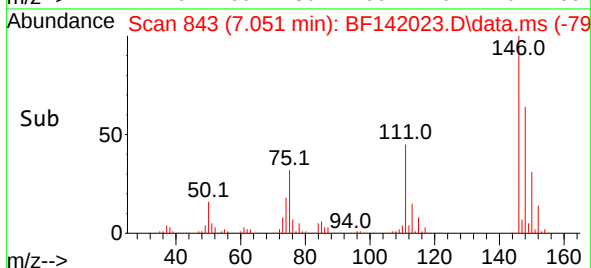
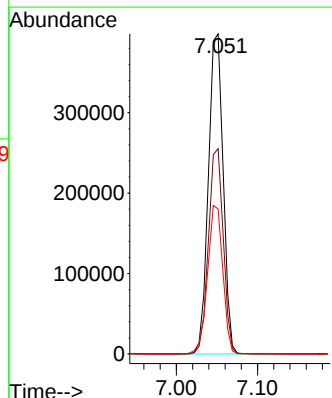
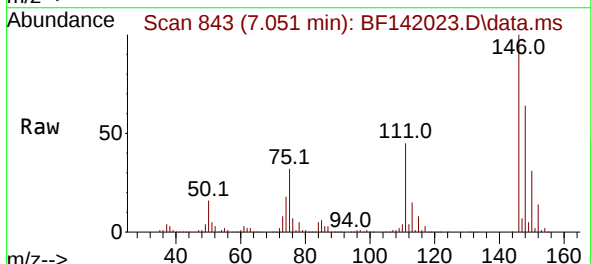
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 535925
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 44.7 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 37.759 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:146 Resp: 503928
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 45.3 38.0 57.0





#15

Benzyl Alcohol

Concen: 36.304 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

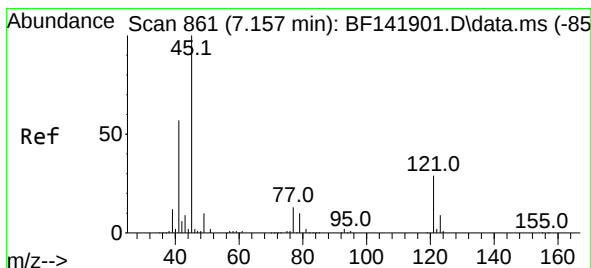
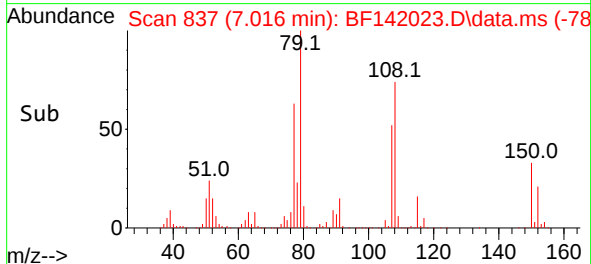
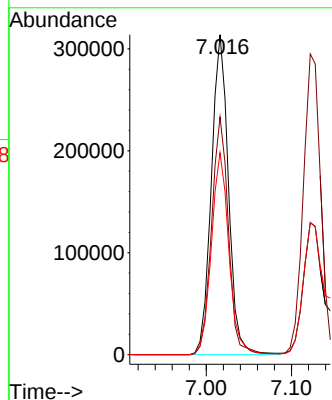
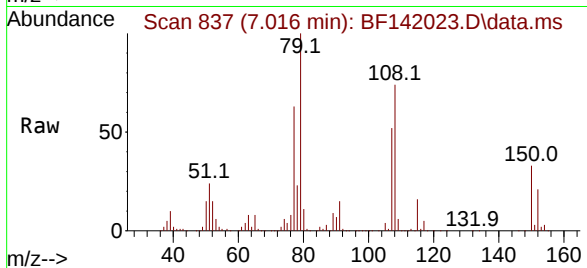
Tgt Ion: 79 Resp: 437054

Ion Ratio Lower Upper

79 100

108 74.3 59.7 89.5

77 63.1 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.639 ng

RT: 7.151 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

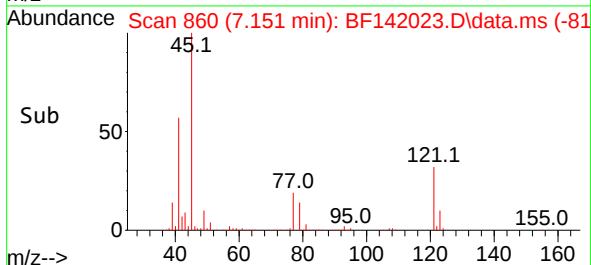
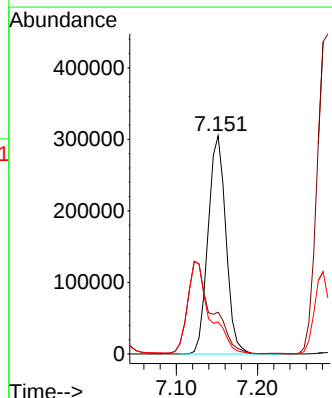
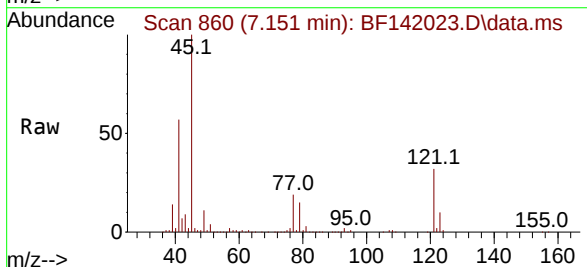
Tgt Ion: 45 Resp: 463529

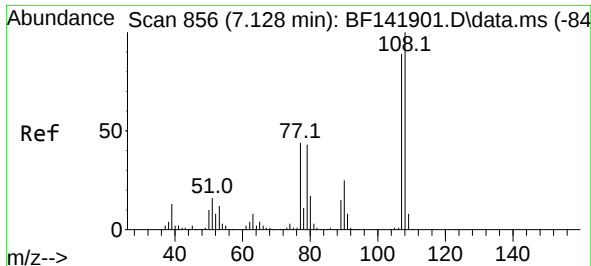
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.8

79 14.6 0.0 34.2

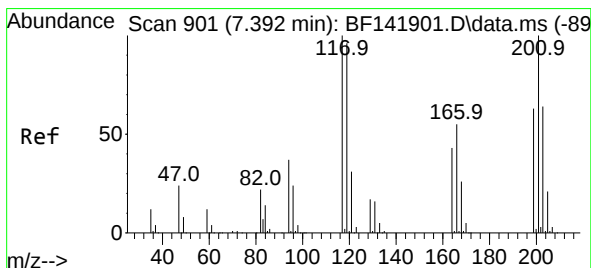
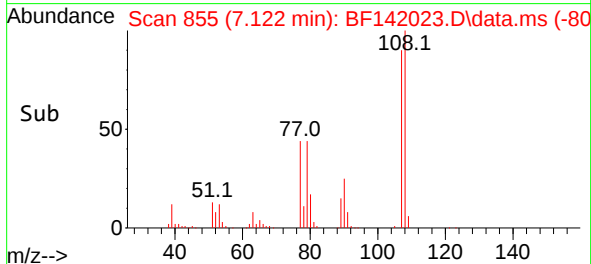
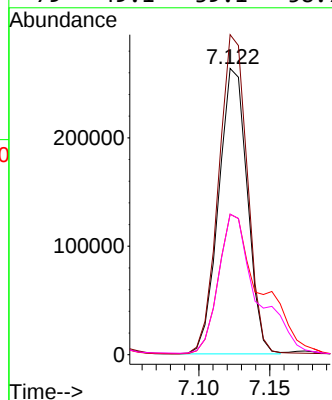
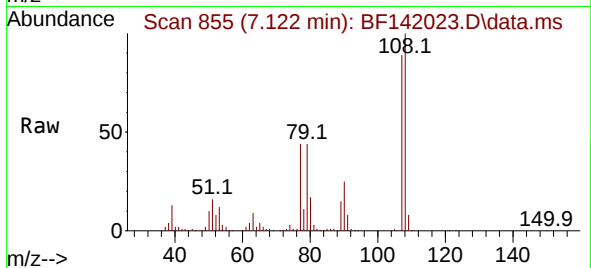




#17
2-Methylphenol
Concen: 35.891 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

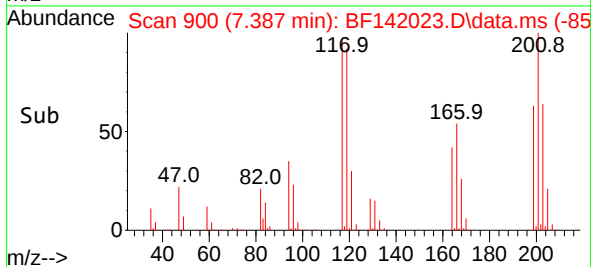
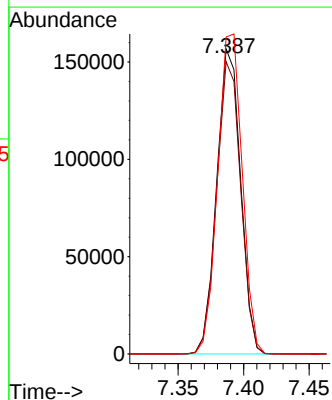
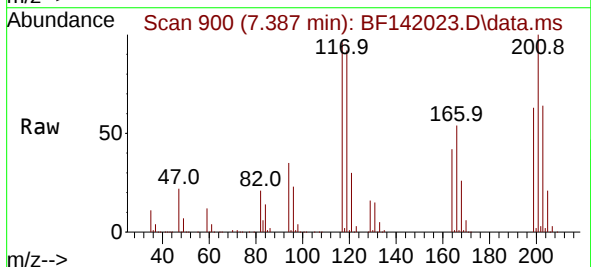
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	370173
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	49.1	39.6	59.4
79	49.1	39.1	58.7



#18
Hexachloroethane
Concen: 37.464 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:	117	Resp:	199062
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
201	103.9	79.9	119.9

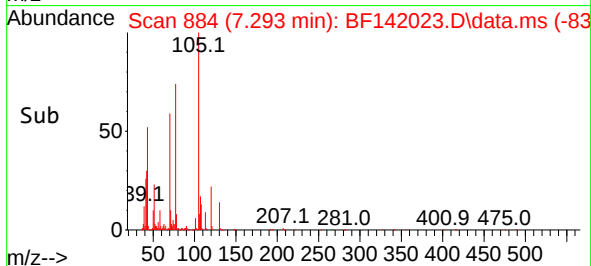
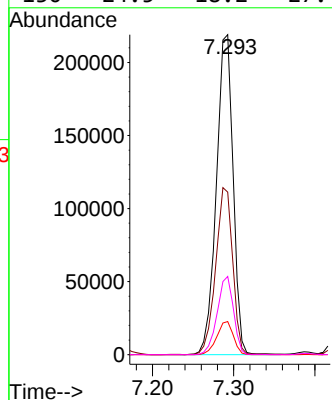
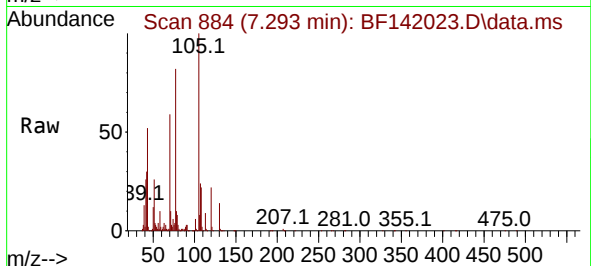




#19
n-Nitroso-di-n-propylamine
Concen: 32.910 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

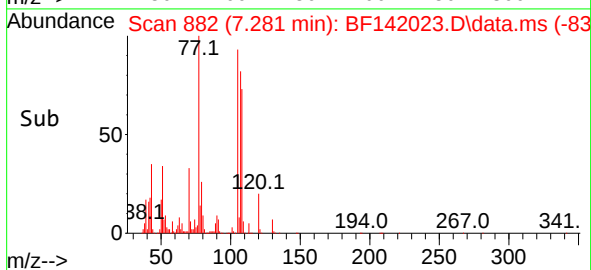
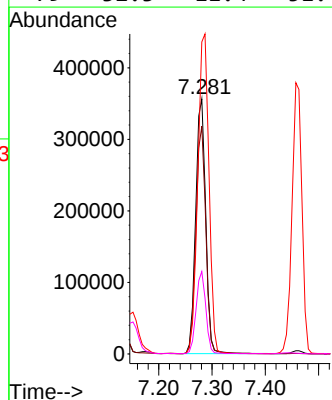
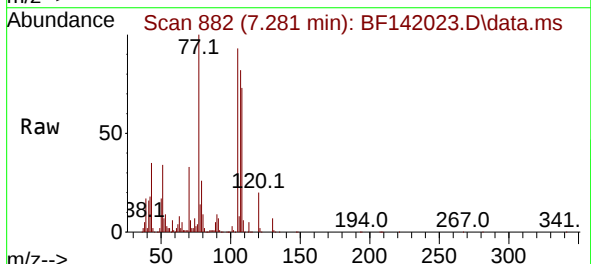
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

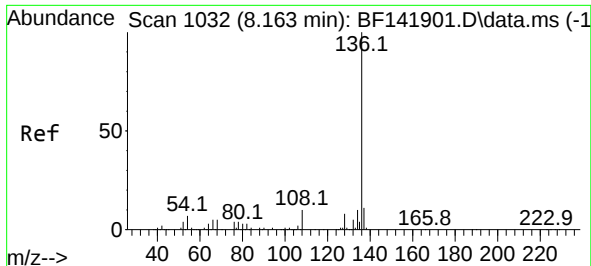
Tgt Ion: 70 Resp: 314900
Ion Ratio Lower Upper
70 100
42 50.8 41.4 62.0
101 10.4 8.2 12.2
130 24.5 18.2 27.4



#20
3+4-Methylphenols
Concen: 35.315 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:107 Resp: 466532
Ion Ratio Lower Upper
107 100
108 89.3 68.4 108.4
77 122.3 69.7 109.7#
79 32.3 11.4 51.4



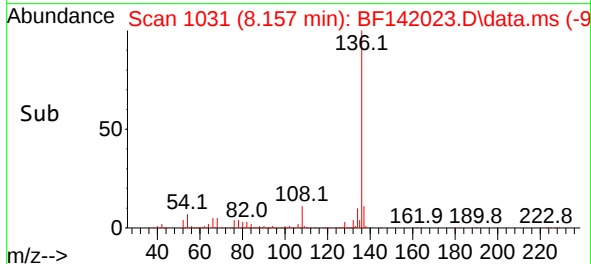
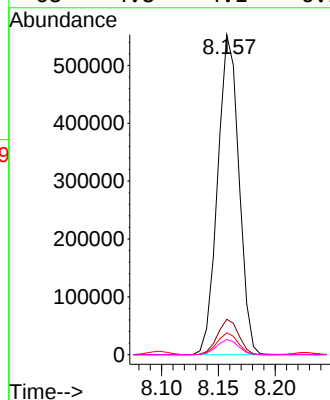
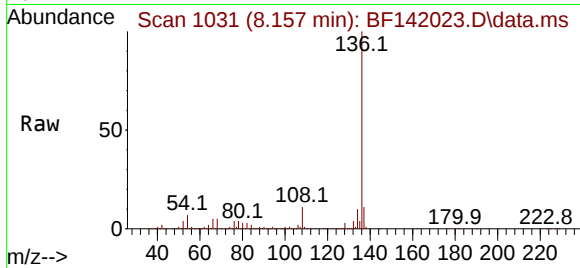


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 720872

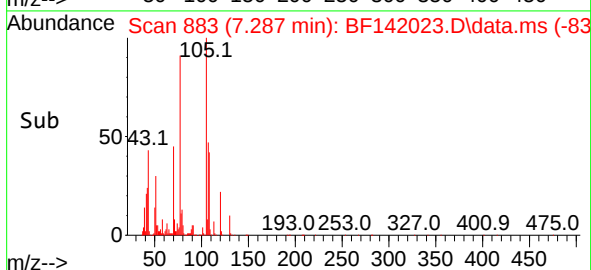
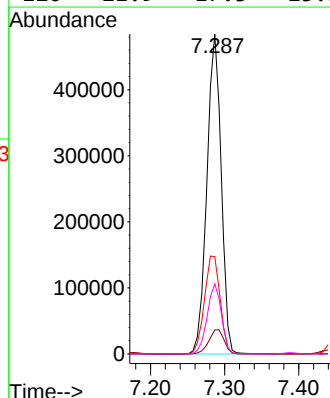
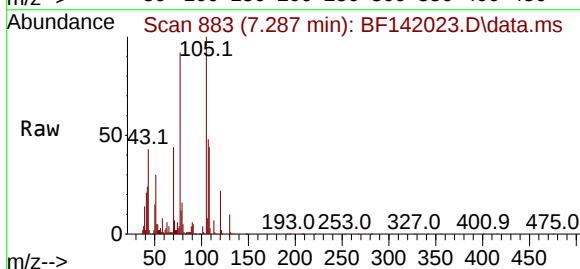
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	4.8	4.1	6.1

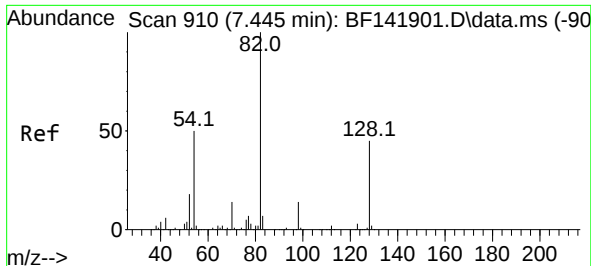


#22
Acetophenone
Concen: 37.658 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:105 Resp: 650103

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.8	8.8
51	30.4	23.4	35.0
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 77.851 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

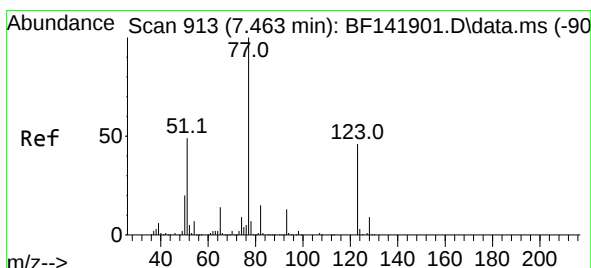
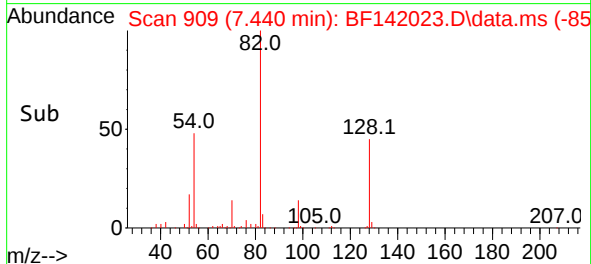
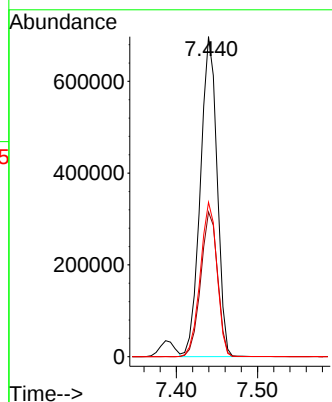
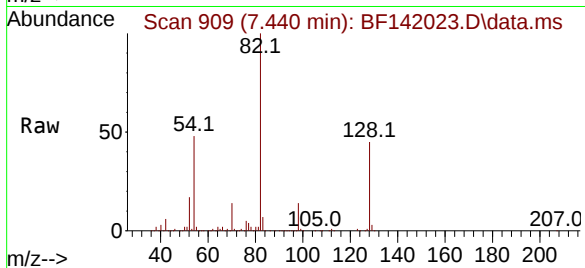
Tgt Ion: 82 Resp: 997237

Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 48.2 39.6 59.4



#24

Nitrobenzene

Concen: 38.567 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

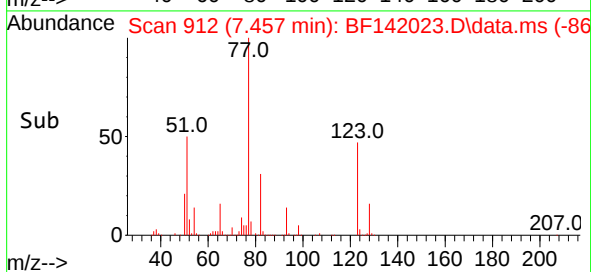
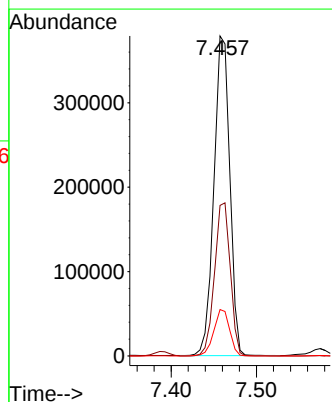
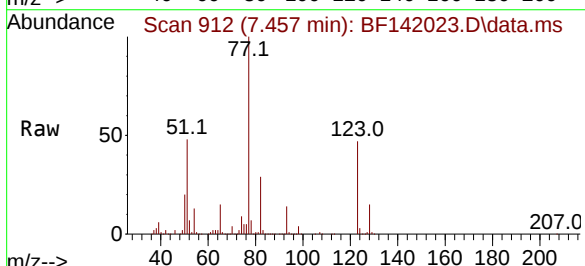
Tgt Ion: 77 Resp: 491128

Ion Ratio Lower Upper

77 100

123 47.0 37.0 55.4

65 14.5 11.3 16.9

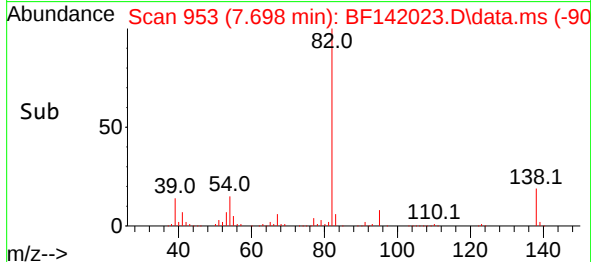
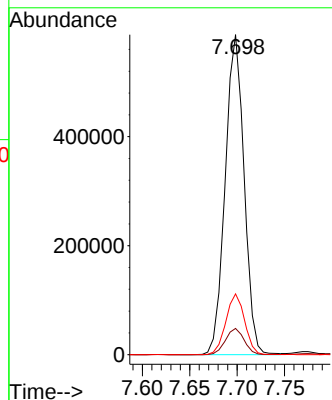
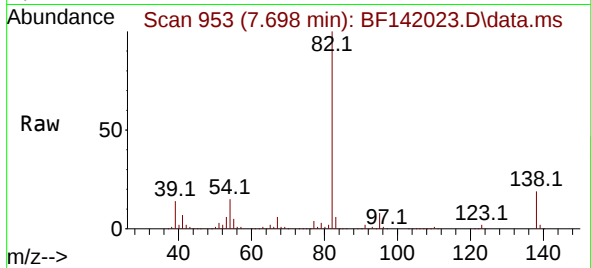




#25
Isophorone
Concen: 36.059 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

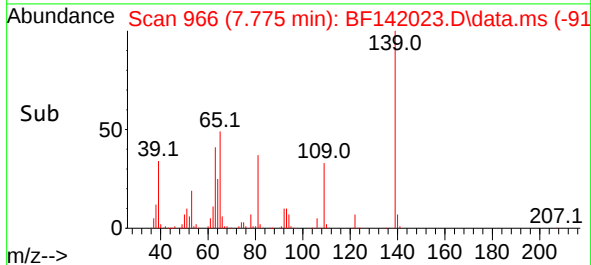
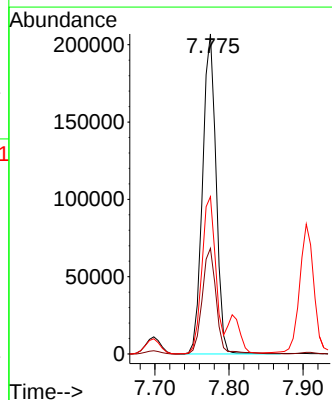
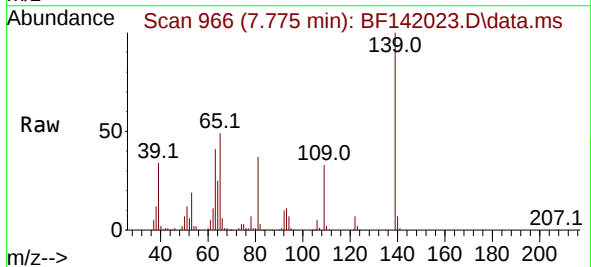
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 816476
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 42.069 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 139 Resp: 262932
Ion Ratio Lower Upper
139 100
109 33.0 26.5 39.7
65 49.1 40.3 60.5

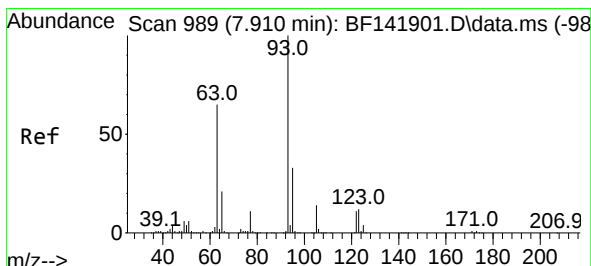
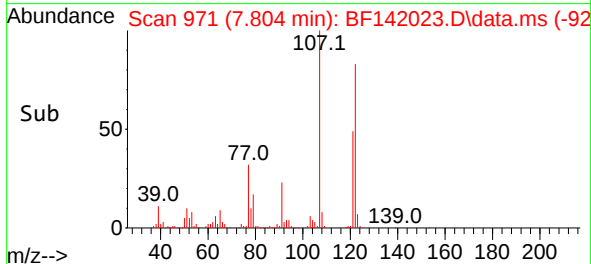
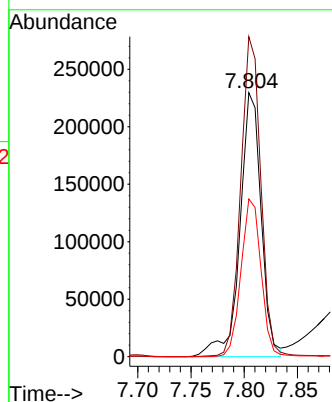
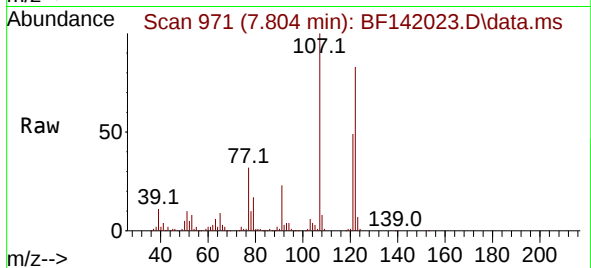




#27
2,4-Dimethylphenol
Concen: 37.036 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

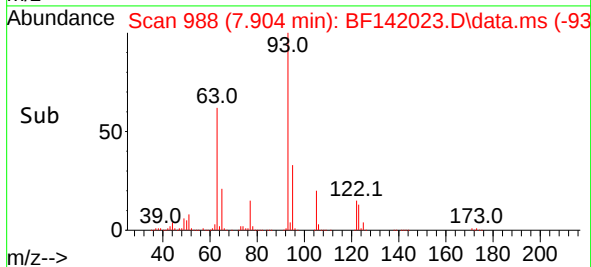
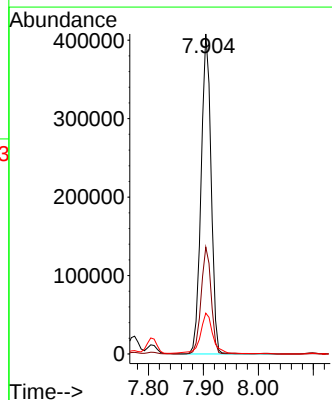
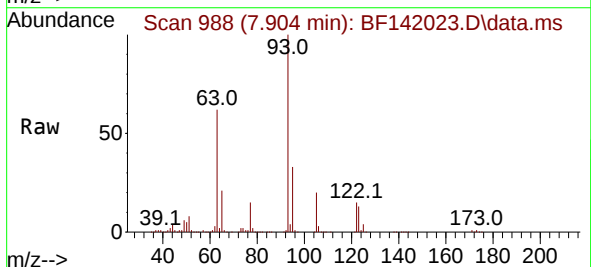
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 318733
Ion Ratio Lower Upper
122 100
107 121.2 94.8 142.2
121 59.7 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.502 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 93 Resp: 518397
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.685 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

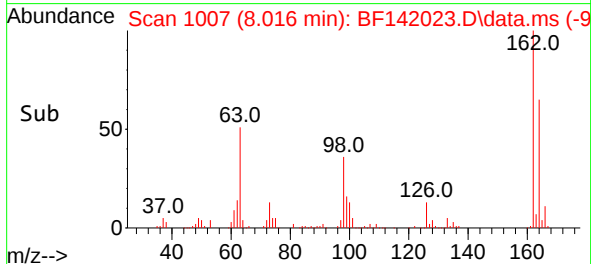
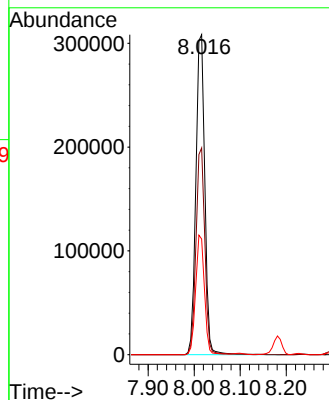
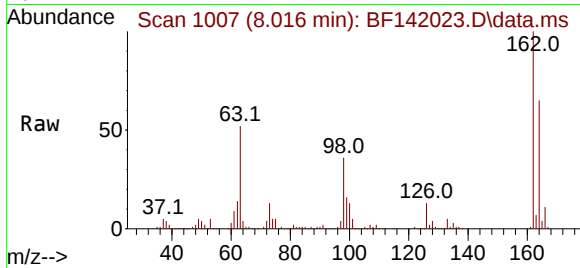
Tgt Ion:162 Resp: 413237

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.155 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

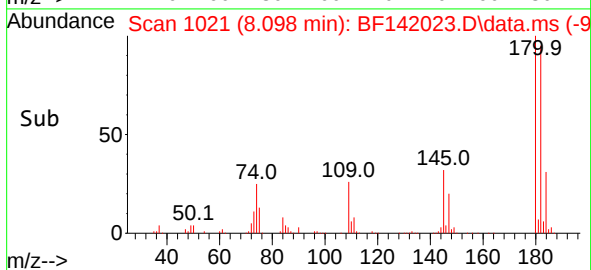
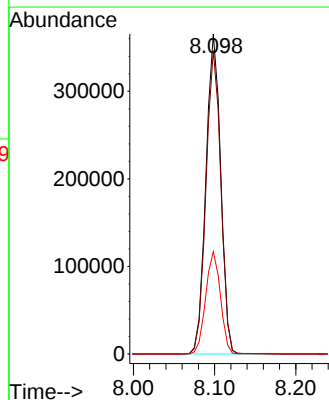
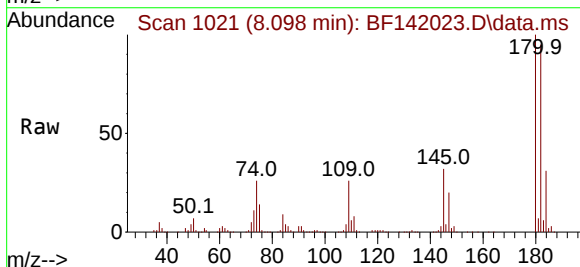
Tgt Ion:180 Resp: 460936

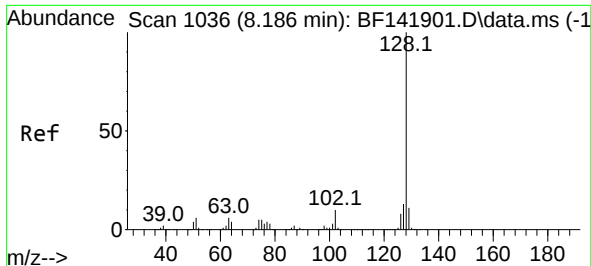
Ion Ratio Lower Upper

180 100

182 94.8 77.5 116.3

145 31.9 25.8 38.6

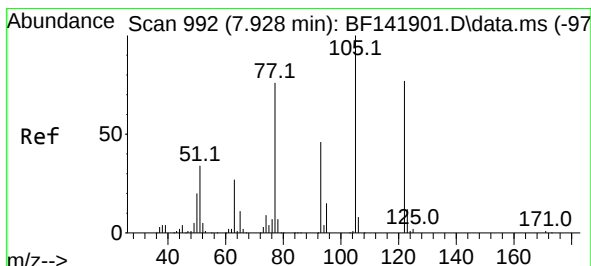
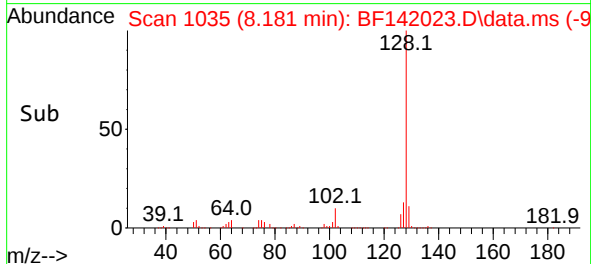
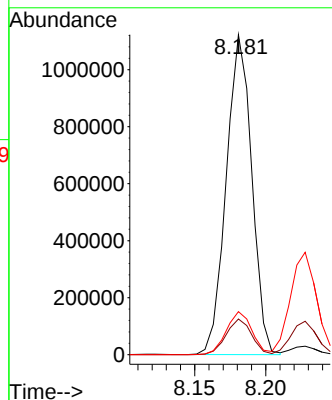
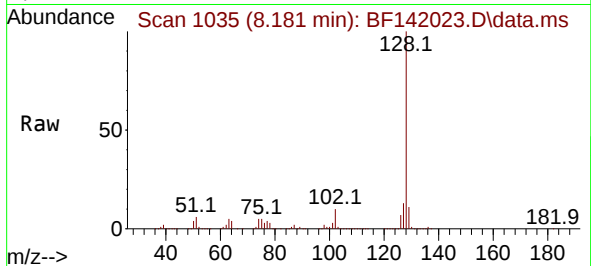




#31
Naphthalene
Concen: 37.830 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

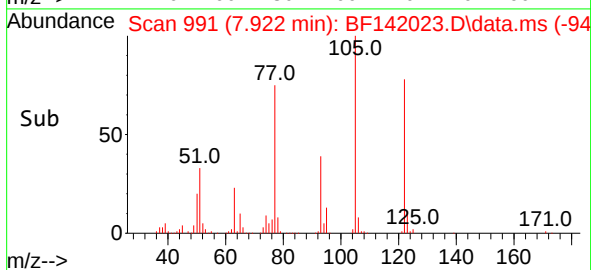
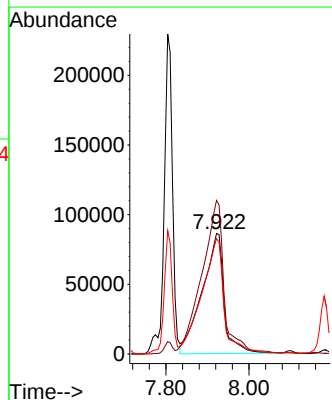
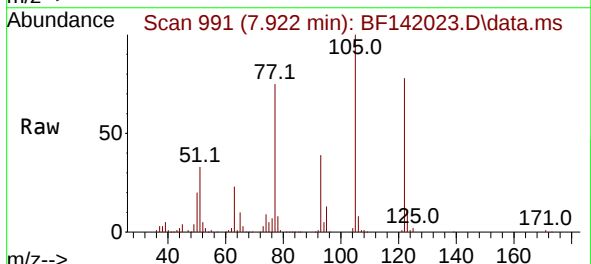
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

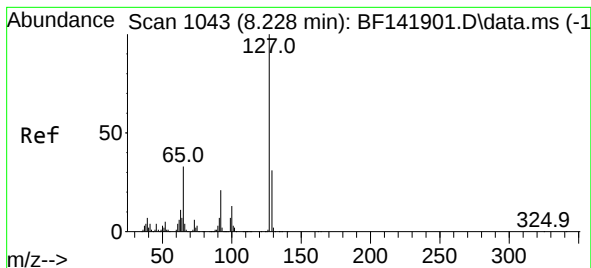
Tgt Ion:128 Resp: 1400846
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 41.543 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:122 Resp: 314273
Ion Ratio Lower Upper
122 100
105 127.5 107.9 147.9
77 95.8 79.0 119.0





#33

4-Chloroaniline

Concen: 35.954 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 469993

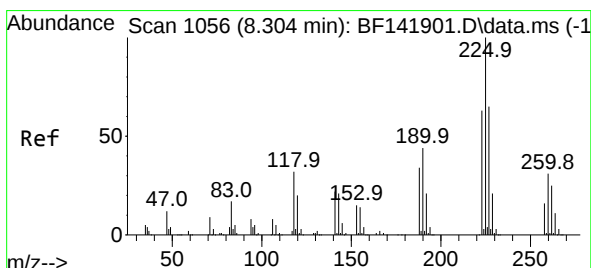
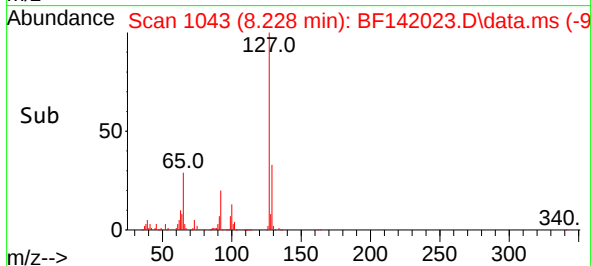
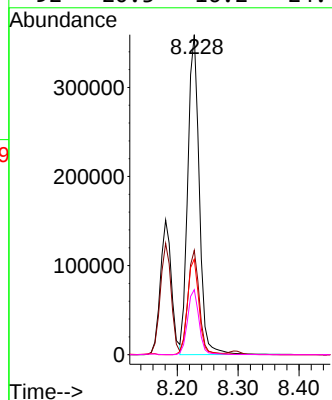
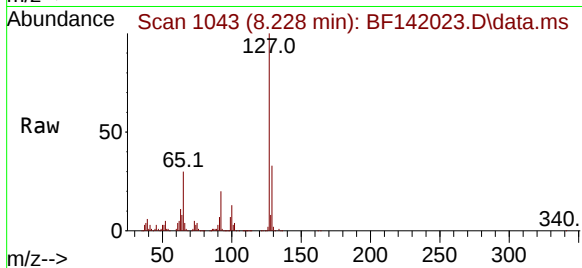
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.4

65 29.9 25.4 38.2

92 20.3 16.2 24.4



#34

Hexachlorobutadiene

Concen: 40.139 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

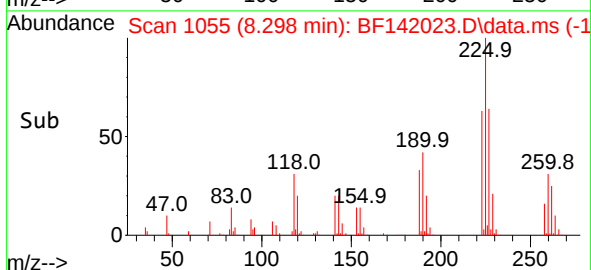
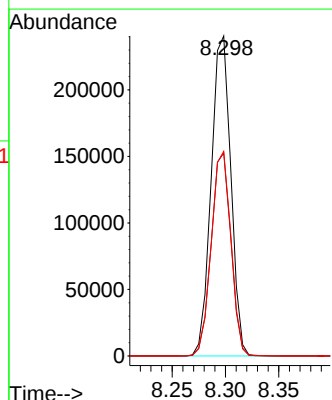
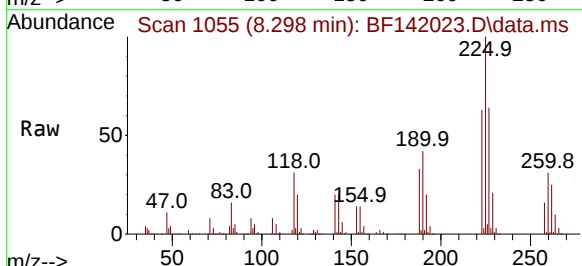
Tgt Ion:225 Resp: 308153

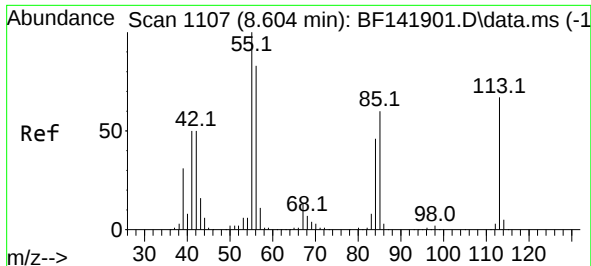
Ion Ratio Lower Upper

225 100

223 63.4 50.6 75.8

227 64.0 52.2 78.2

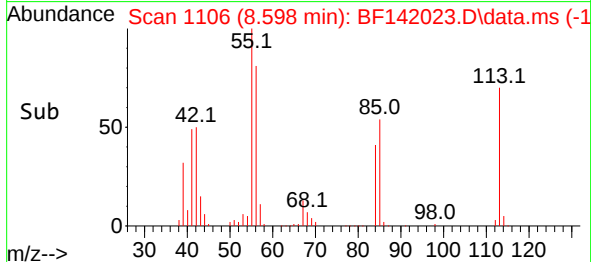
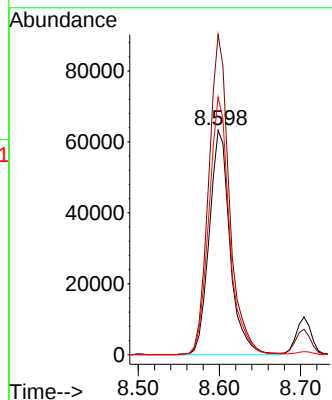
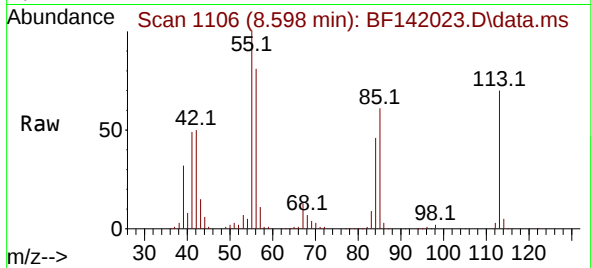




#35
 Caprolactam
 Concen: 34.325 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF142023.D
 Acq: 21 Mar 2025 11:23

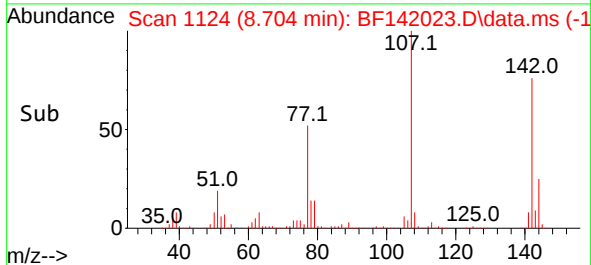
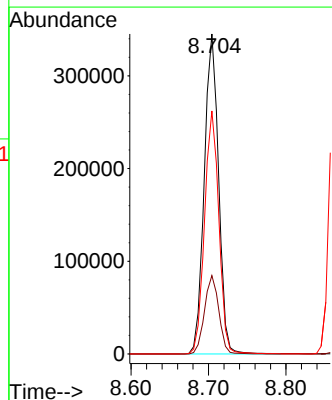
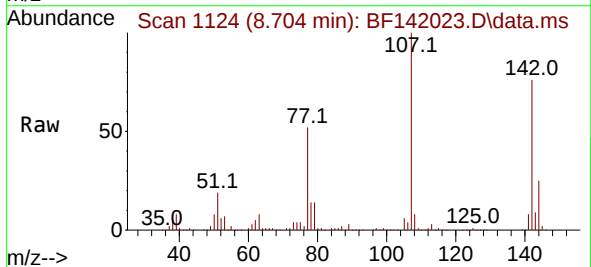
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 111785
 Ion Ratio Lower Upper
 113 100
 55 142.6 129.6 169.6
 56 114.8 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.237 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142023.D
 Acq: 21 Mar 2025 11:23

Tgt Ion:107 Resp: 443706
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.6
 142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 36.814 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

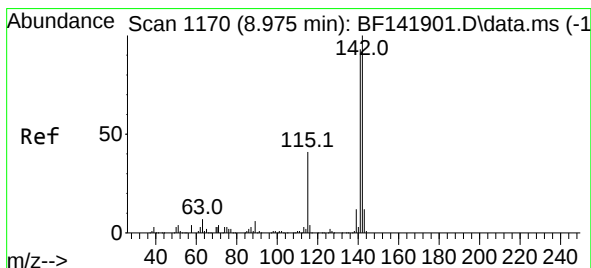
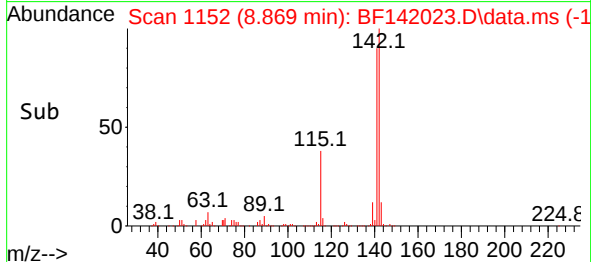
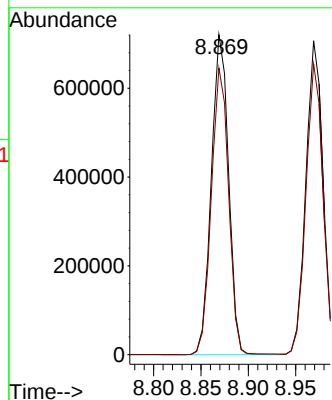
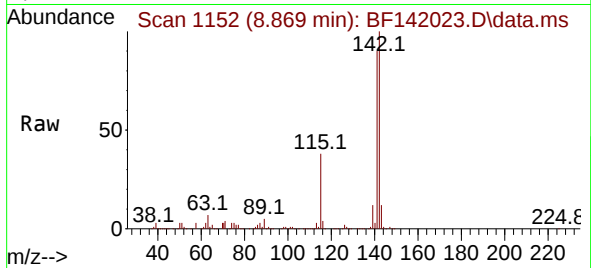
SSTDCCC040

Tgt Ion:142 Resp: 911205

Ion Ratio Lower Upper

142 100

141 89.6 71.2 106.8



#38

1-Methylnaphthalene

Concen: 36.962 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142023.D

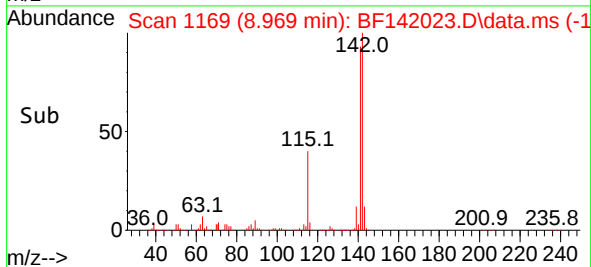
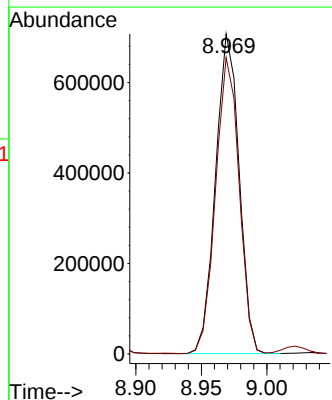
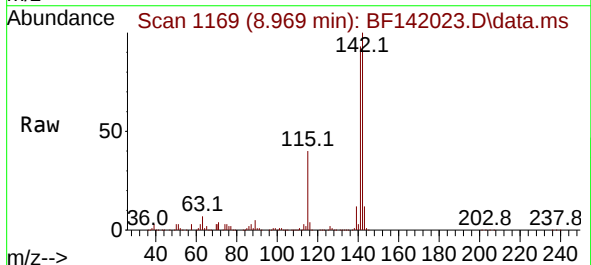
Acq: 21 Mar 2025 11:23

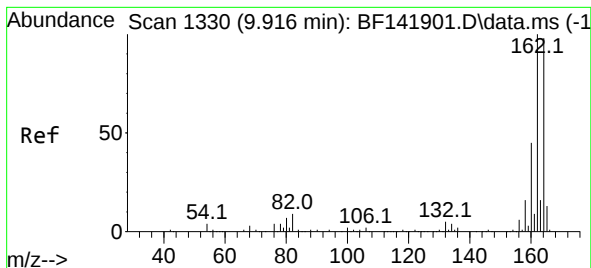
Tgt Ion:142 Resp: 882823

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

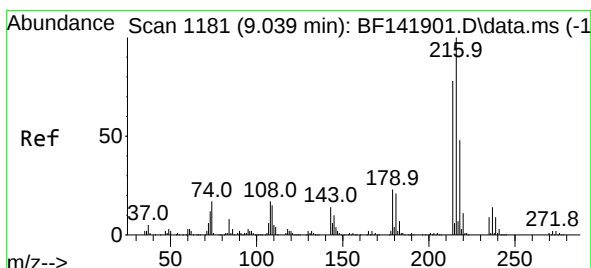
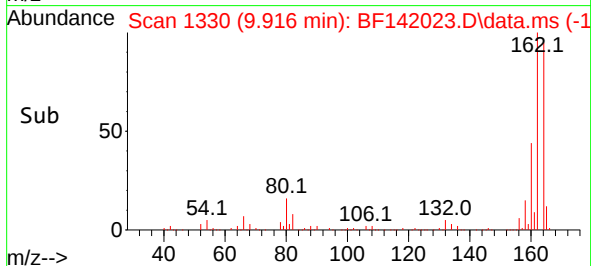
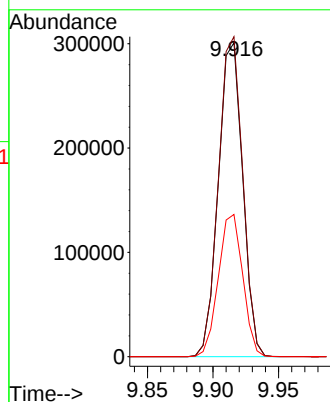
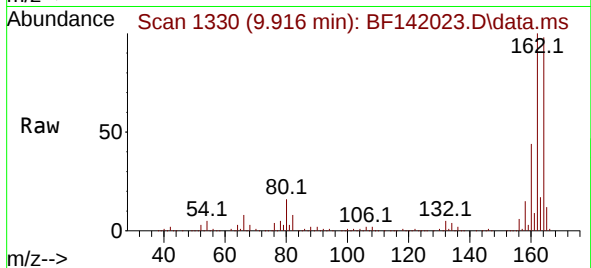
Tgt Ion:164 Resp: 388500

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 45.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.545 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Tgt Ion:216 Resp: 479575

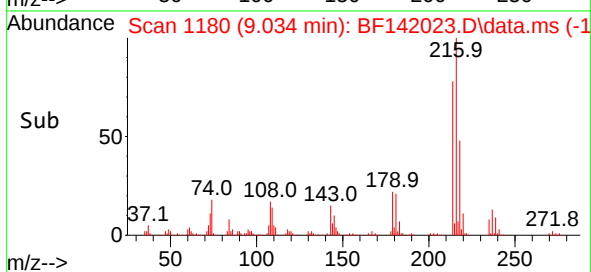
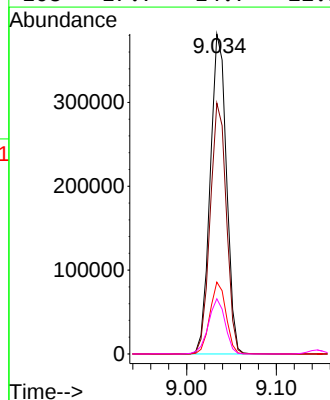
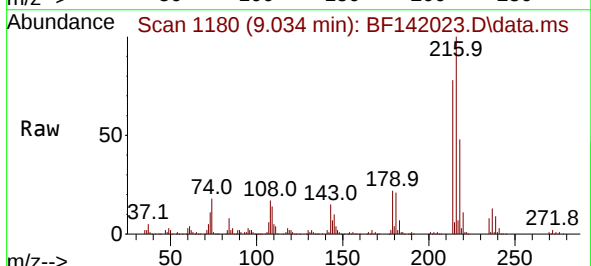
Ion Ratio Lower Upper

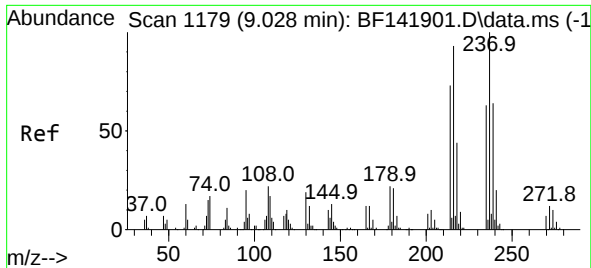
216 100

214 78.1 61.9 92.9

179 22.1 18.1 27.1

108 17.7 14.7 22.1

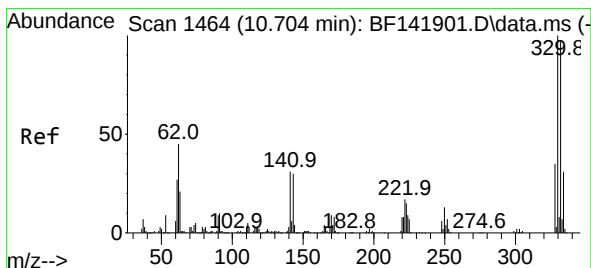
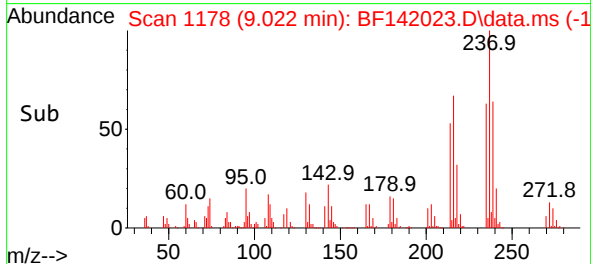
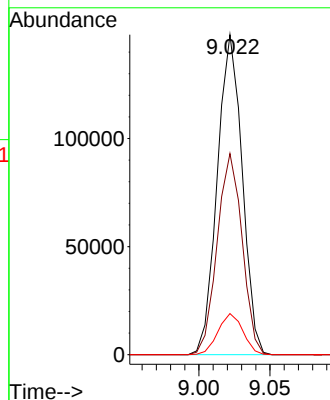
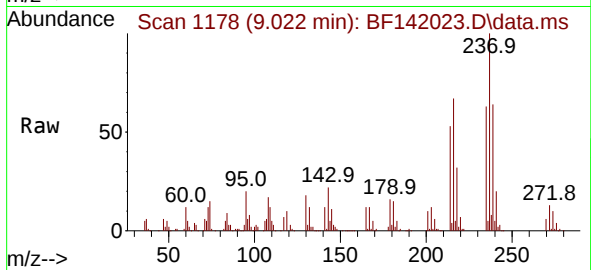




#41
Hexachlorocyclopentadiene
Concen: 38.985 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

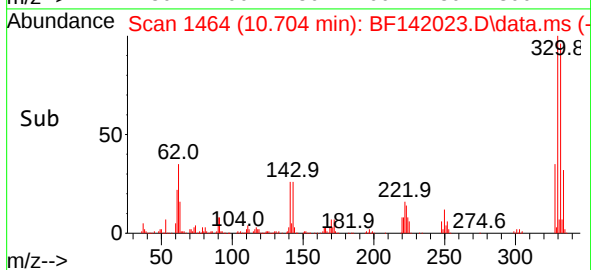
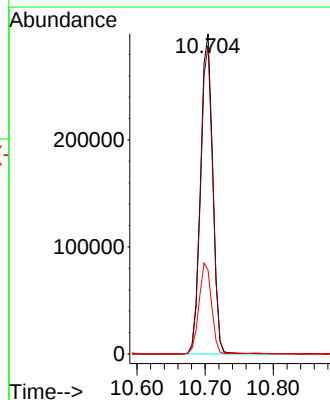
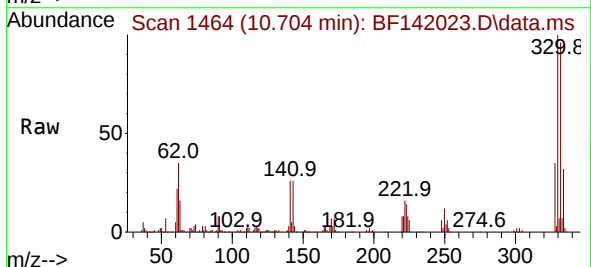
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 180465
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 75.769 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:330 Resp: 373436
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 29.0 24.7 37.1

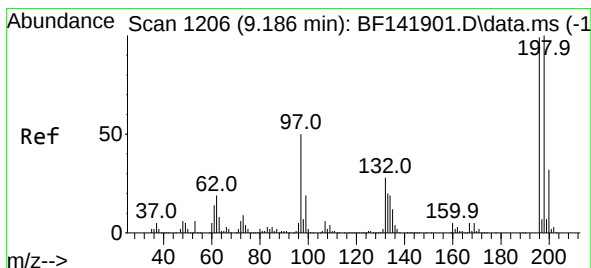
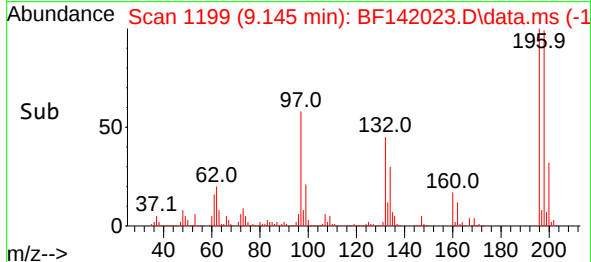
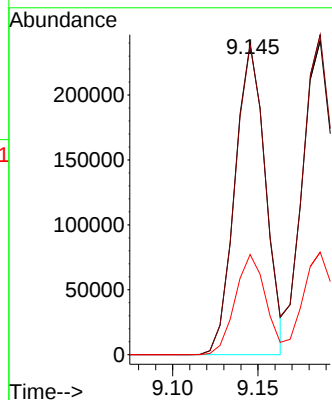
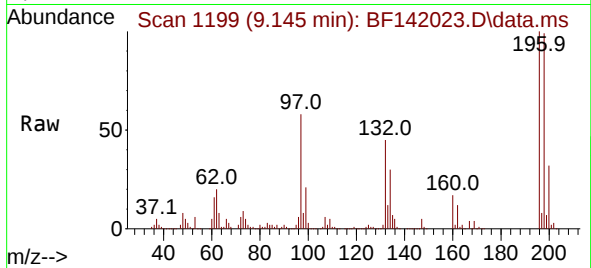




#43
2,4,6-Trichlorophenol
Concen: 38.564 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

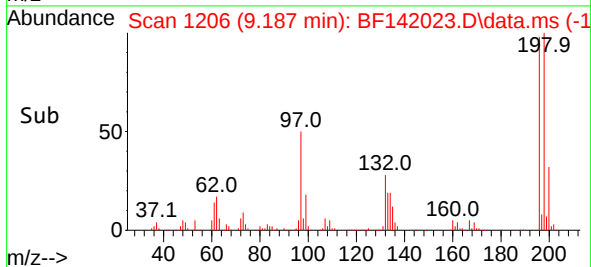
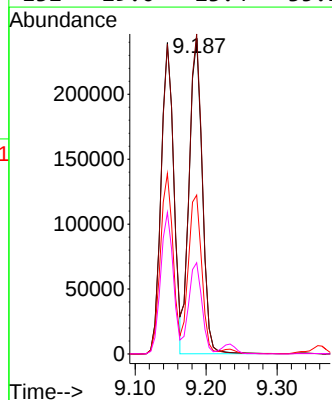
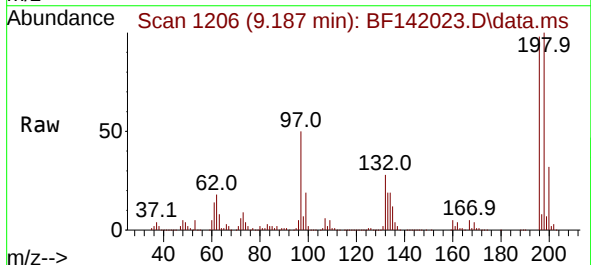
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

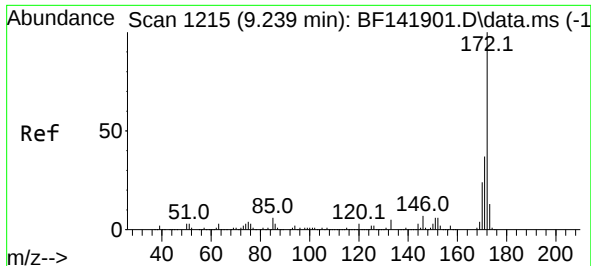
Tgt Ion:196 Resp: 298107
Ion Ratio Lower Upper
196 100
198 99.4 80.6 121.0
200 32.2 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 39.863 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:196 Resp: 312093
Ion Ratio Lower Upper
196 100
198 101.9 80.7 121.1
97 50.6 42.1 63.1
132 29.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 77.500 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

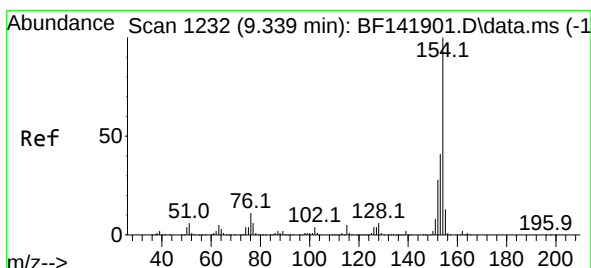
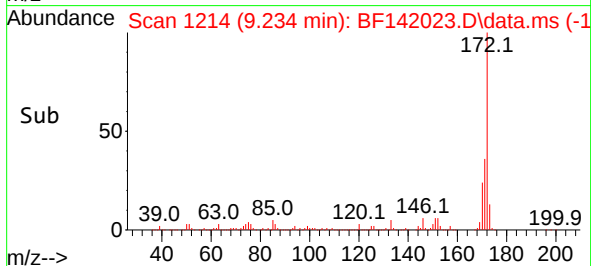
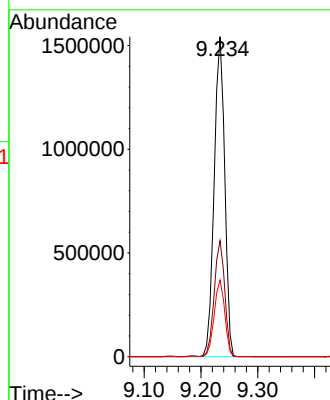
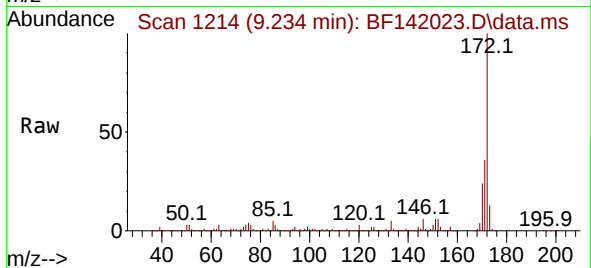
Tgt Ion:172 Resp: 1979770

Ion Ratio Lower Upper

172 100

171 36.3 29.3 43.9

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.576 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

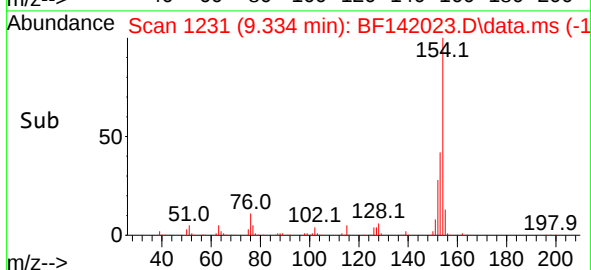
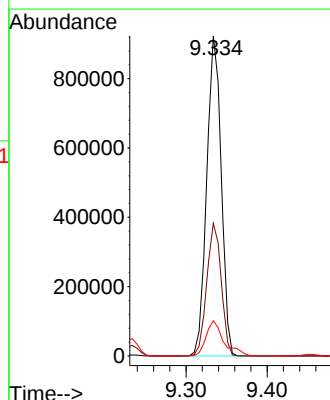
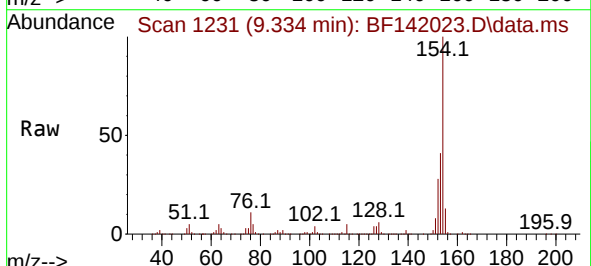
Tgt Ion:154 Resp: 1138712

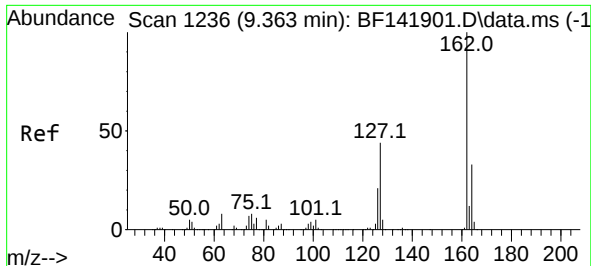
Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

76 11.0 0.0 31.3

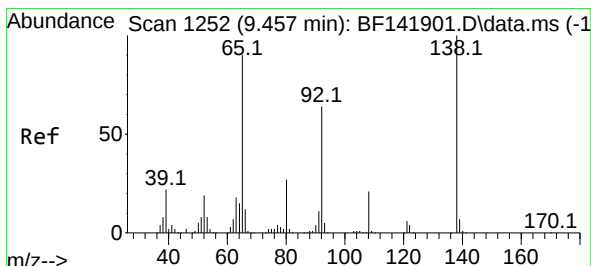
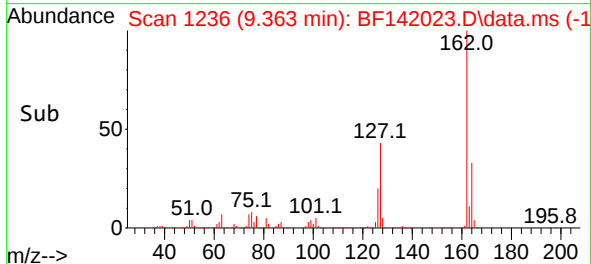
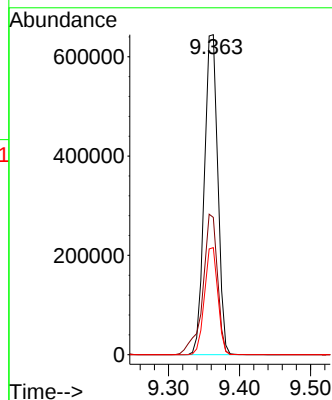
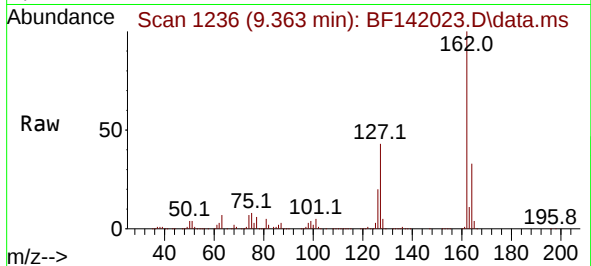




#47
2-Chloronaphthalene
Concen: 38.709 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

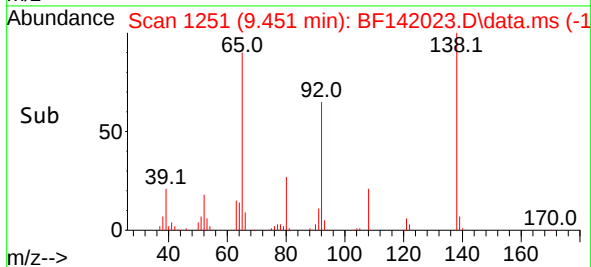
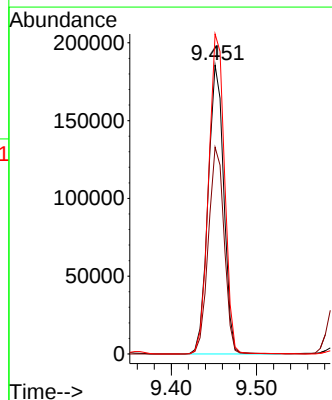
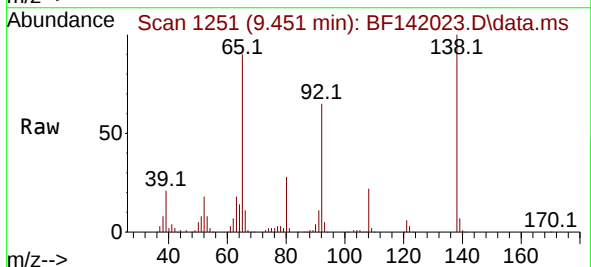
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 851676
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 33.4 26.6 40.0



#48
2-Nitroaniline
Concen: 37.421 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion: 65 Resp: 238385
Ion Ratio Lower Upper
65 100
92 71.5 56.6 84.8
138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 37.730 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

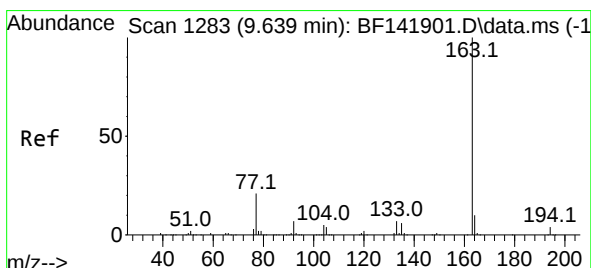
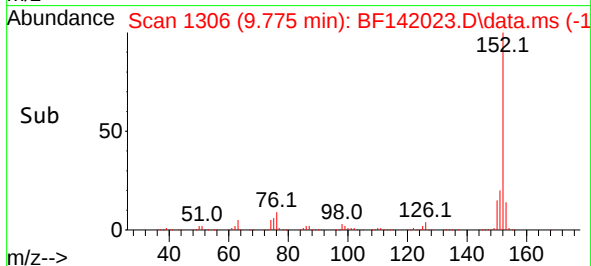
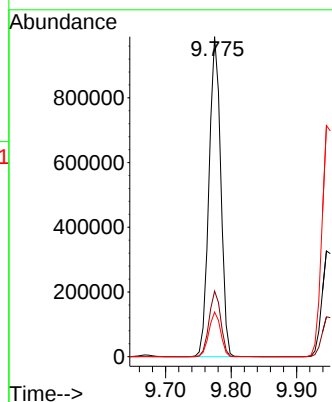
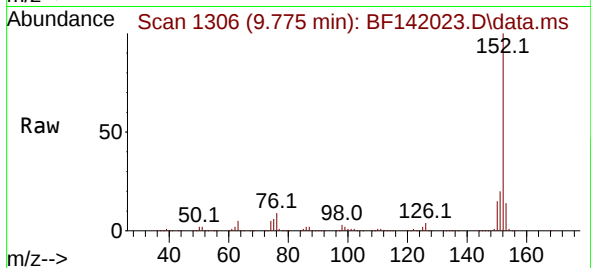
Tgt Ion:152 Resp: 1231873

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 36.302 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

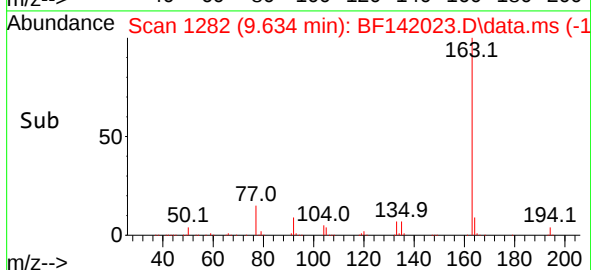
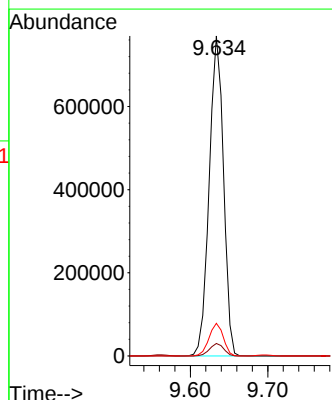
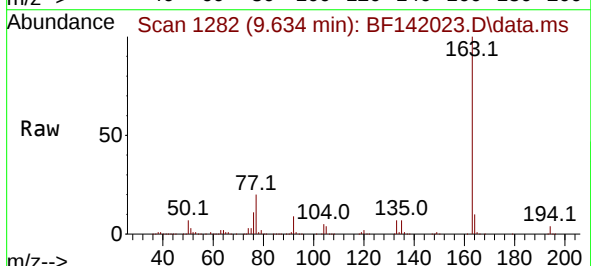
Tgt Ion:163 Resp: 987628

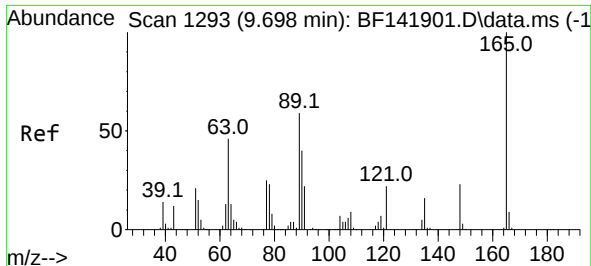
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.4

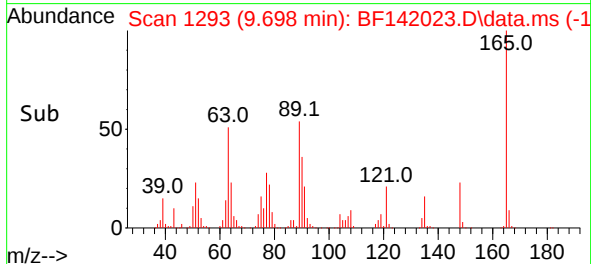
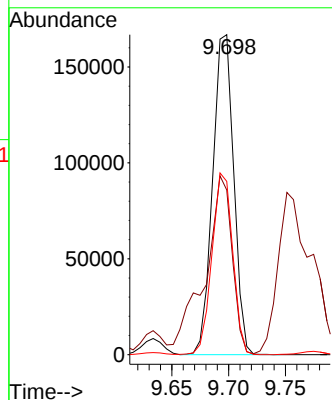
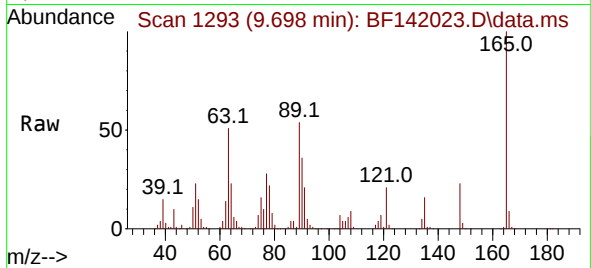




#51
2,6-Dinitrotoluene
Concen: 37.980 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

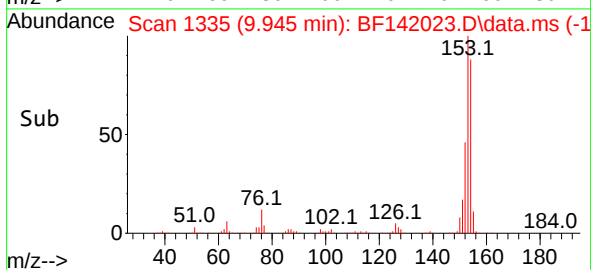
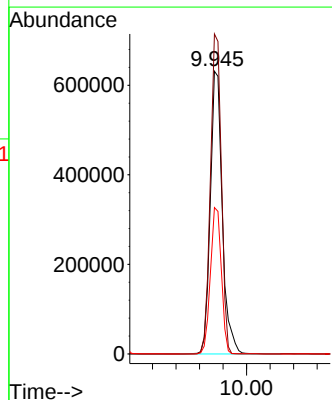
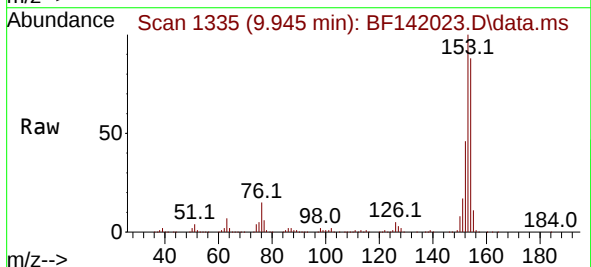
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

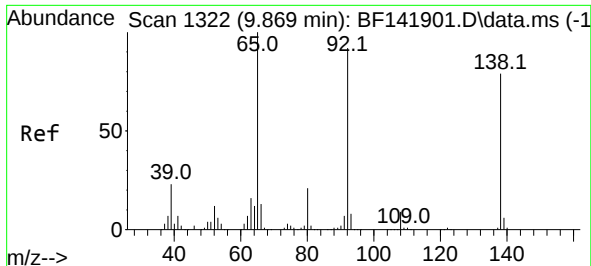
Tgt Ion:165 Resp: 215137
Ion Ratio Lower Upper
165 100
63 51.5 47.0 70.4
89 54.2 47.4 71.2



#52
Acenaphthene
Concen: 38.915 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:154 Resp: 892905
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 51.8 41.1 61.7

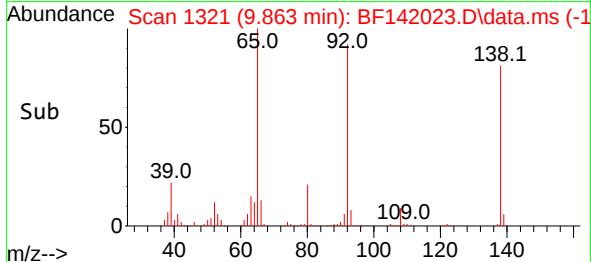
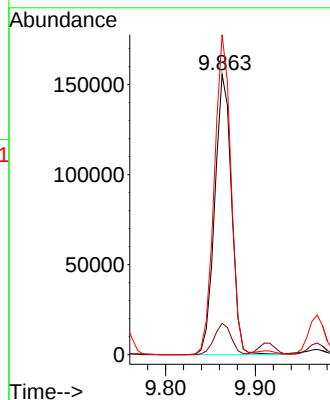
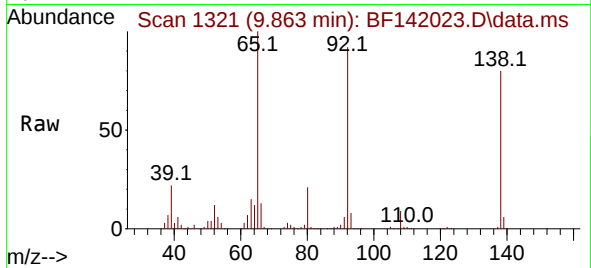




#53
3-Nitroaniline
Concen: 35.135 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

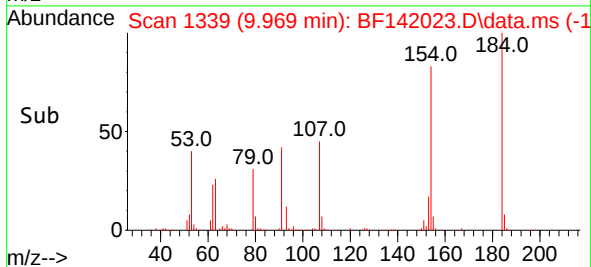
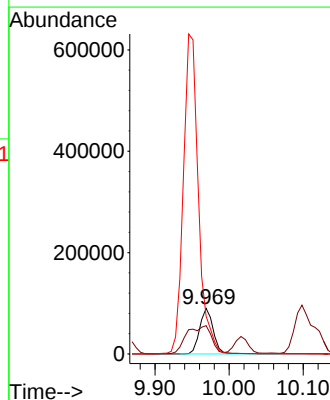
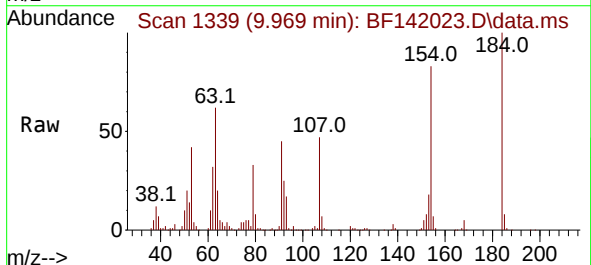
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

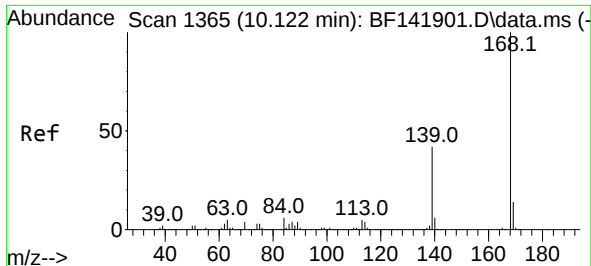
Tgt Ion:138 Resp: 201882
Ion Ratio Lower Upper
138 100
108 11.2 9.3 13.9
92 114.2 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 39.346 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:184 Resp: 114917
Ion Ratio Lower Upper
184 100
63 62.1 60.2 90.4
154 82.9 132.9 199.3#

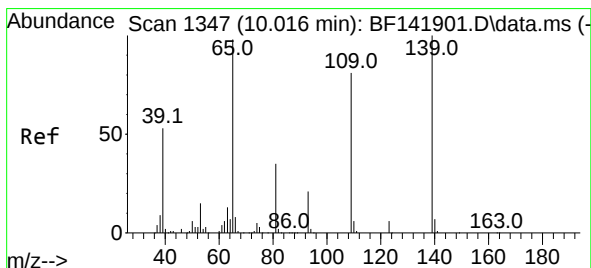
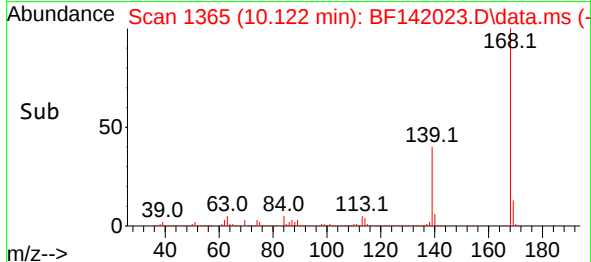
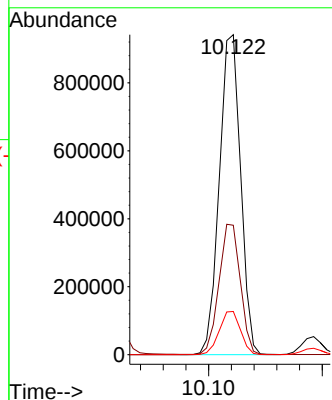
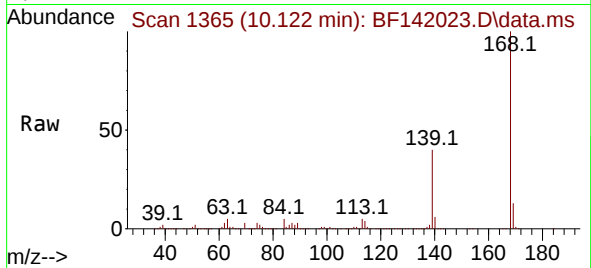




#55
Dibenzofuran
Concen: 37.434 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

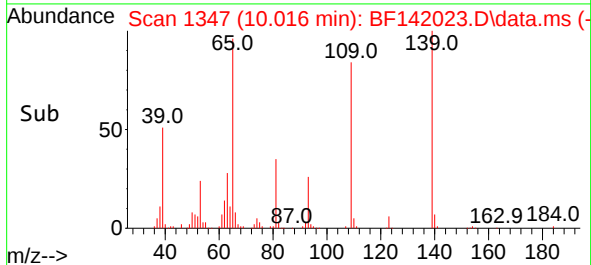
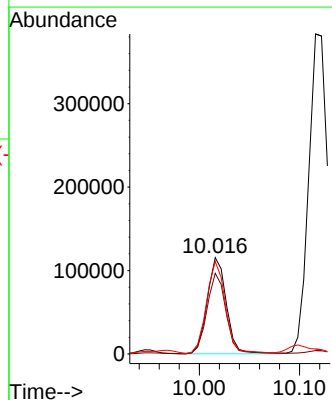
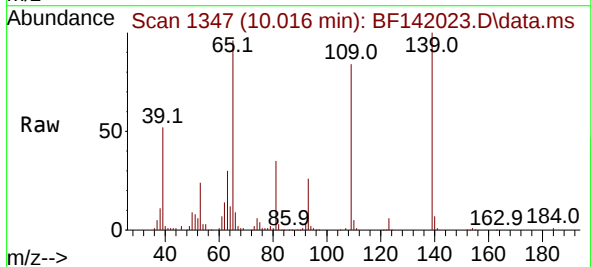
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

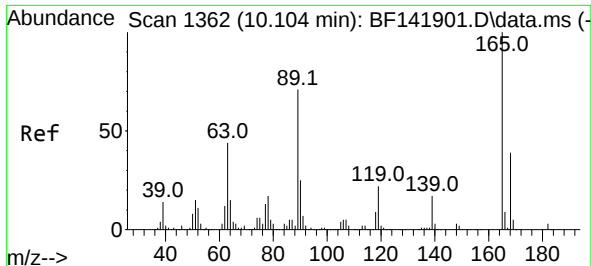
Tgt Ion:168 Resp: 1227283
Ion Ratio Lower Upper
168 100
139 40.5 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 35.380 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:139 Resp: 153305
Ion Ratio Lower Upper
139 100
109 83.6 61.6 101.6
65 96.0 79.4 119.4

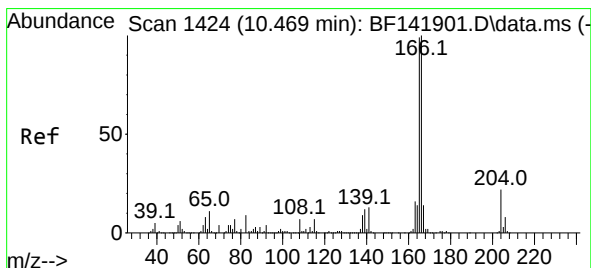
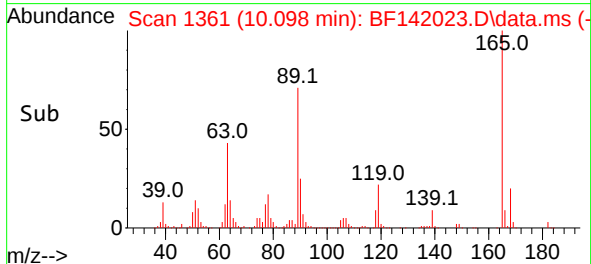
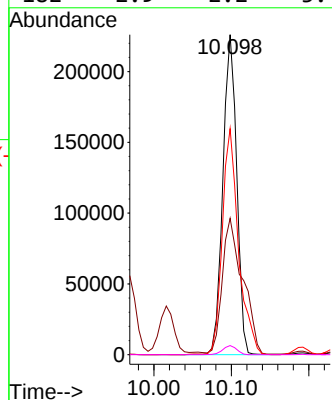
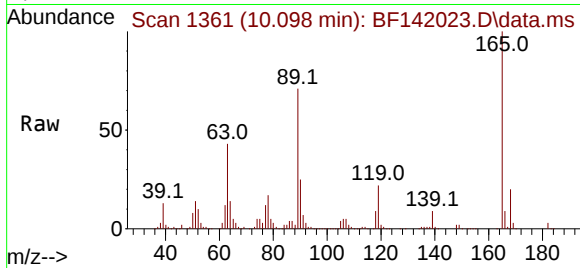




#57
2,4-Dinitrotoluene
Concen: 37.880 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

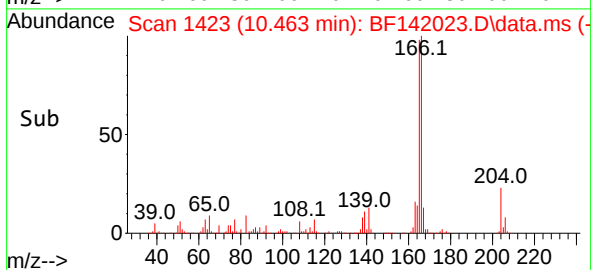
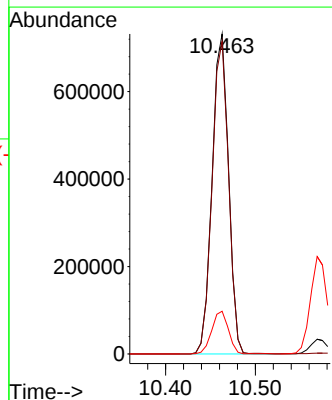
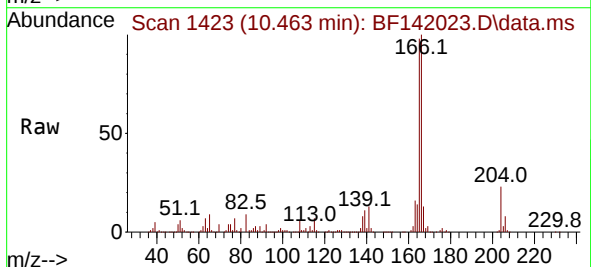
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

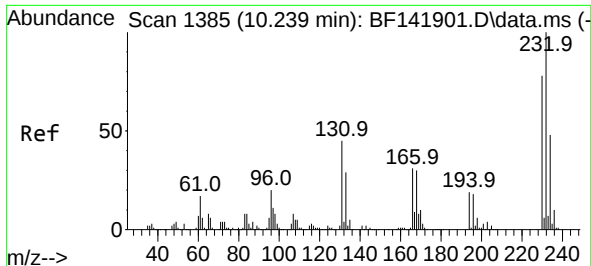
Tgt Ion:165 Resp: 280251
Ion Ratio Lower Upper
165 100
63 42.6 35.4 53.2
89 70.6 56.6 84.8
182 2.9 2.2 3.4



#58
Fluorene
Concen: 36.792 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:166 Resp: 930208
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.4 11.0 16.4

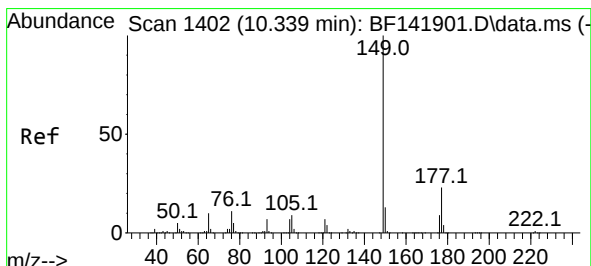
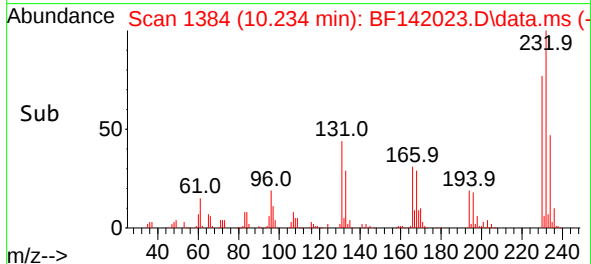
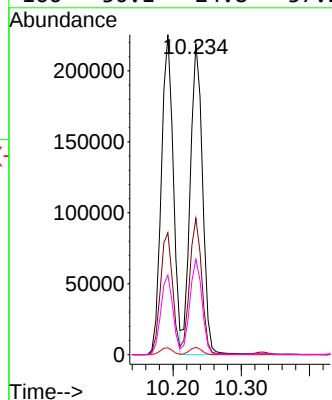
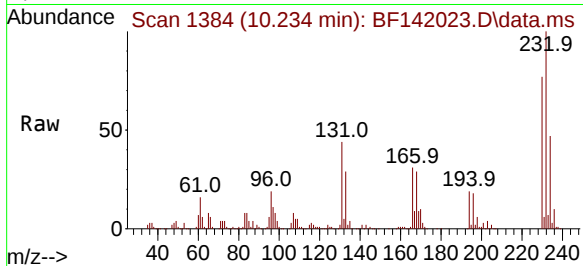




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.319 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

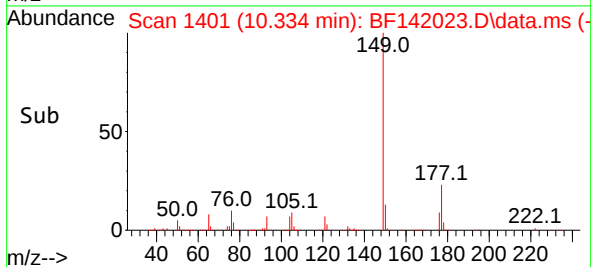
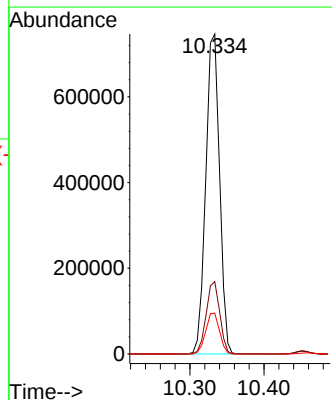
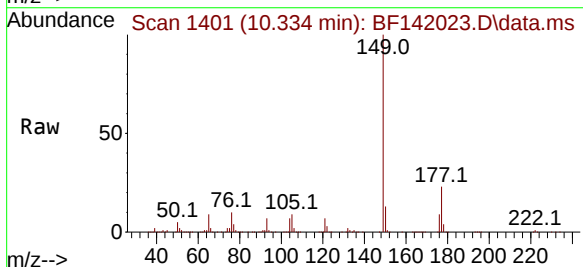
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

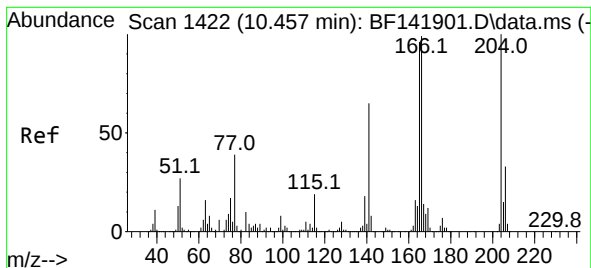
Tgt Ion:232 Resp: 272994
Ion Ratio Lower Upper
232 100
131 43.1 37.3 55.9
130 2.3 1.9 2.9
166 30.1 24.8 37.2



#60
Diethylphthalate
Concen: 35.644 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:149 Resp: 966922
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.8 10.2 15.4

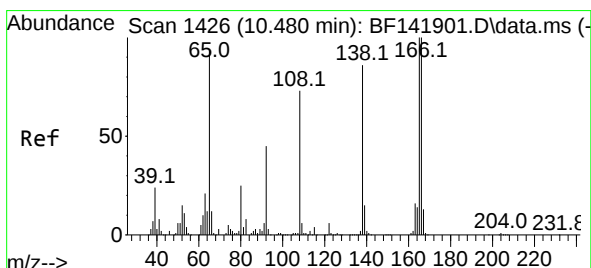
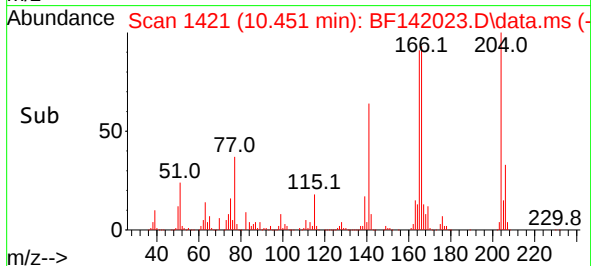
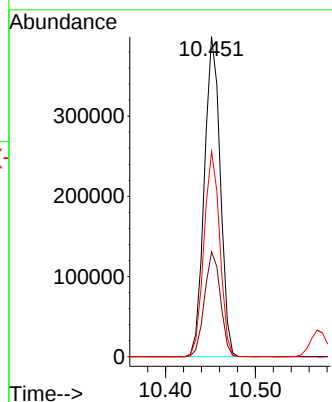
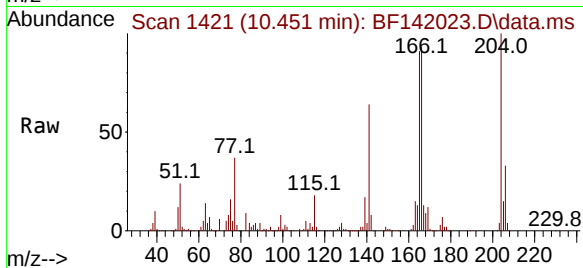




#61
4-Chlorophenyl-phenylether
Concen: 37.255 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

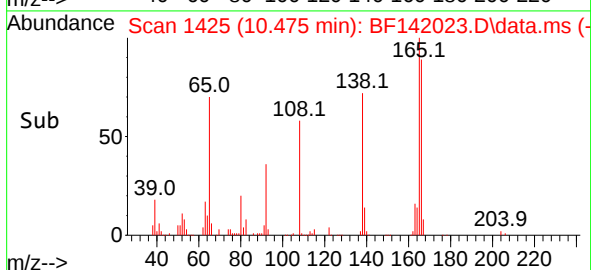
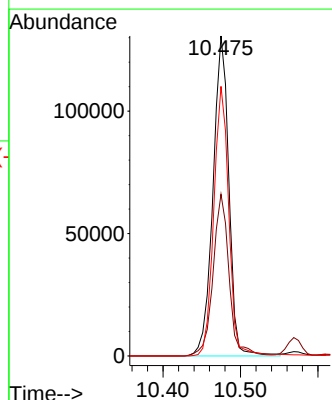
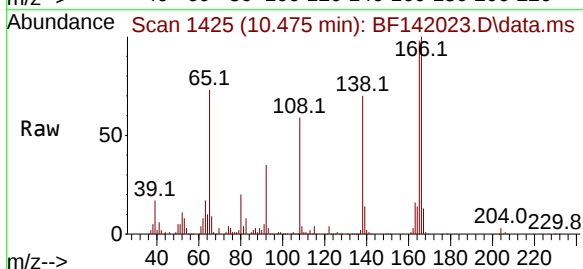
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

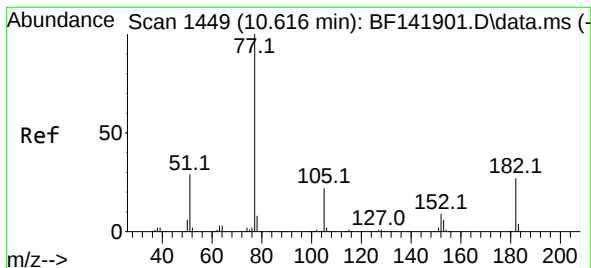
Tgt Ion:204 Resp: 491077
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 64.2 52.4 78.6



#62
4-Nitroaniline
Concen: 33.265 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:138 Resp: 186083
Ion Ratio Lower Upper
138 100
92 50.5 32.6 72.6
108 84.2 65.0 105.0





#63

Azobenzene

Concen: 34.758 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 876614

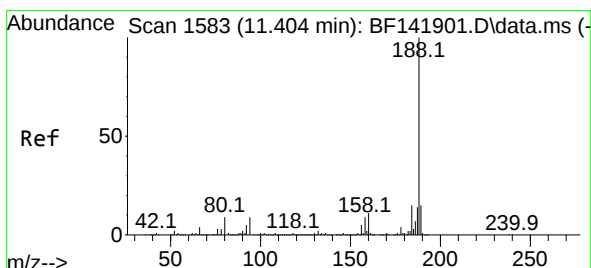
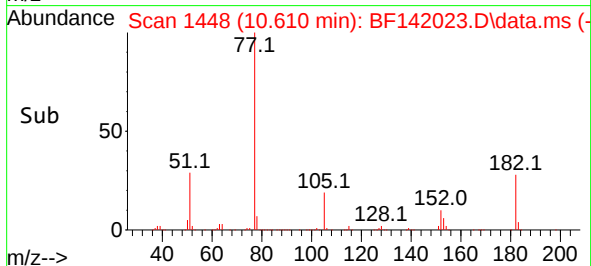
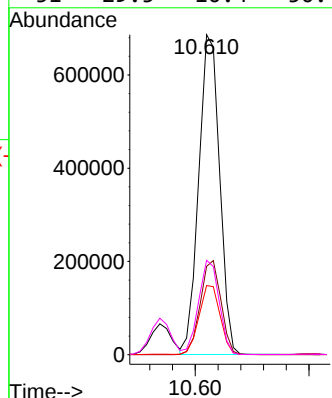
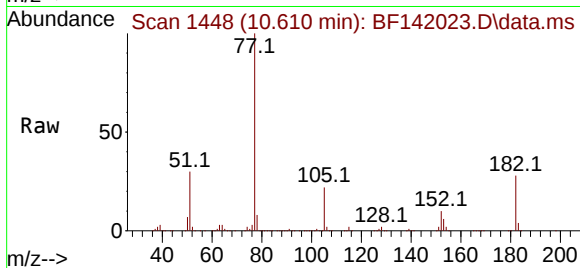
Ion Ratio Lower Upper

77 100

182 27.6 6.6 46.6

105 21.6 1.3 41.3

51 29.5 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

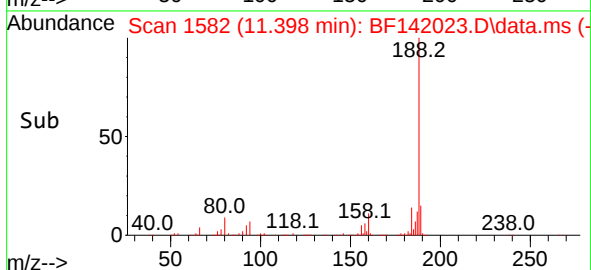
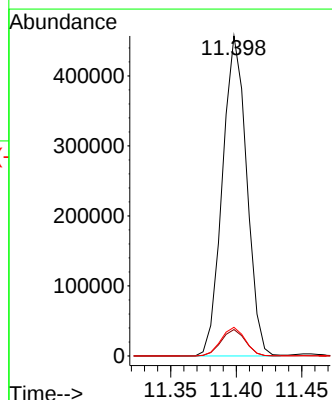
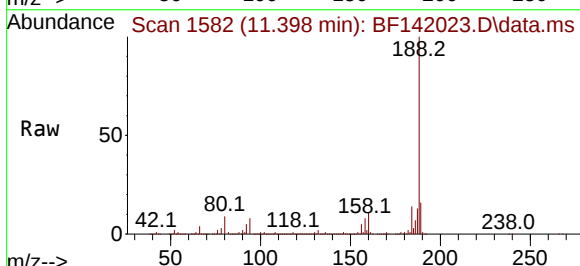
Tgt Ion: 188 Resp: 587785

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.0 7.6 11.4

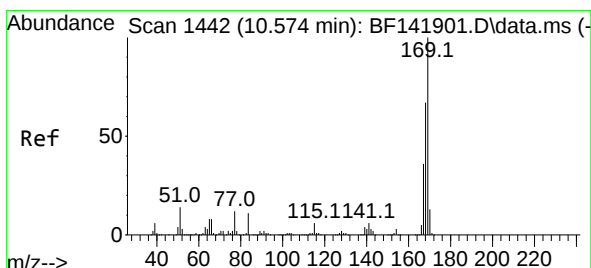
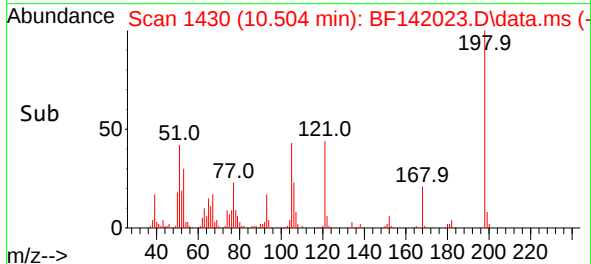
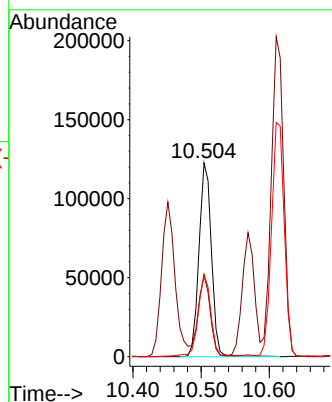
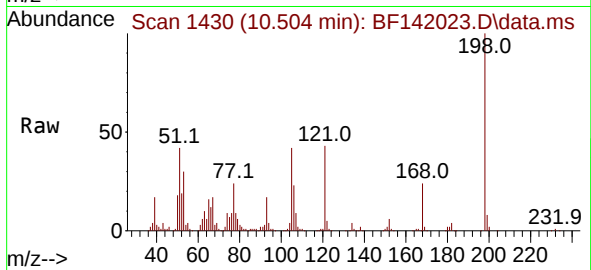




#65
4,6-Dinitro-2-methylphenol
Concen: 44.337 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

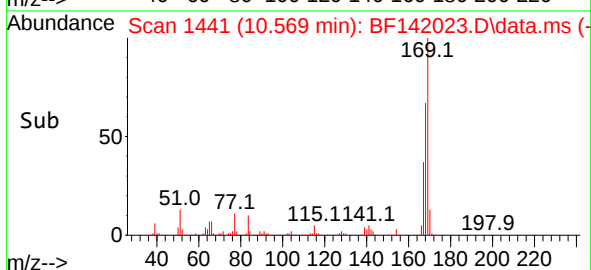
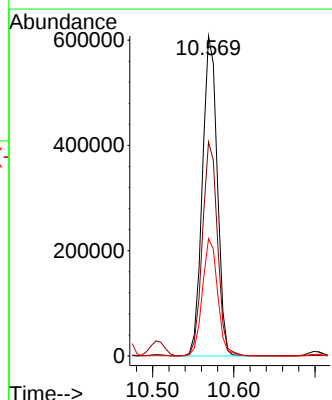
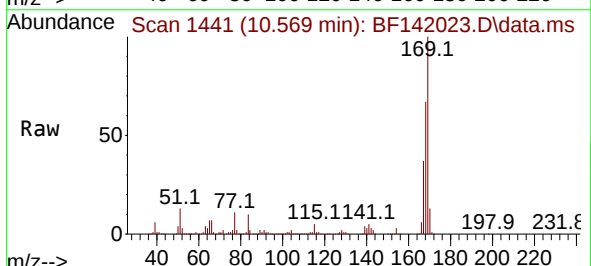
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

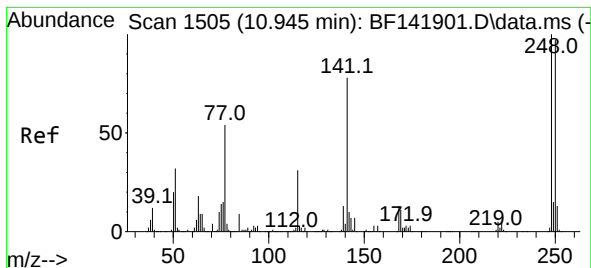
Tgt Ion:198 Resp: 155358
Ion Ratio Lower Upper
198 100
51 41.9 22.3 62.3
105 42.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 40.547 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:169 Resp: 771242
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.6 29.2 43.8

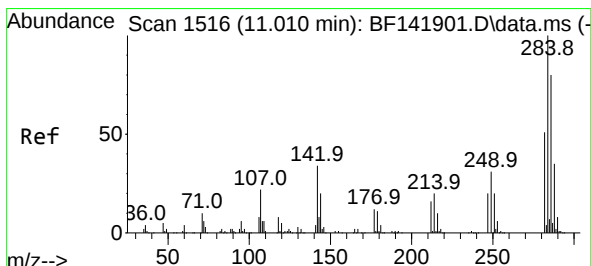
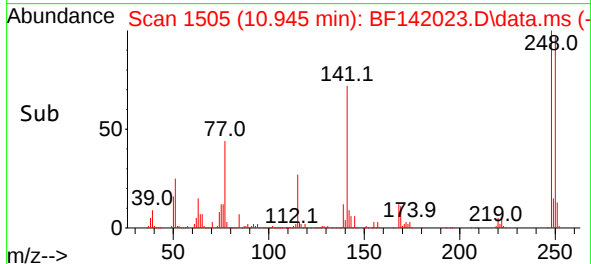
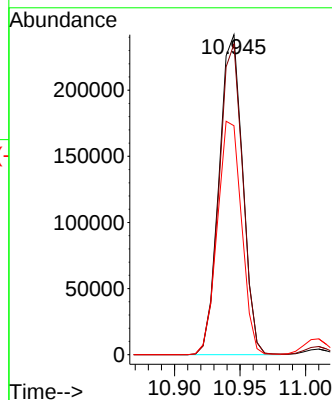
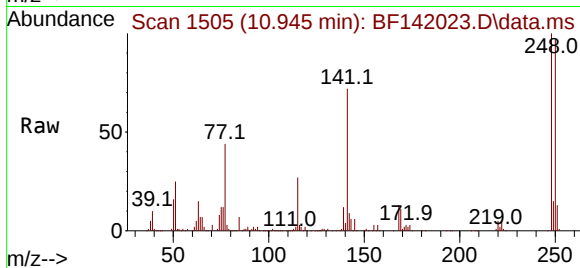




#67
4-Bromophenyl-phenylether
Concen: 41.165 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

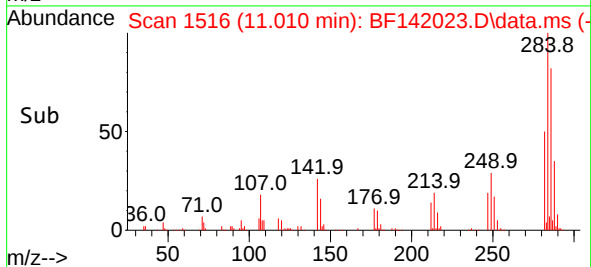
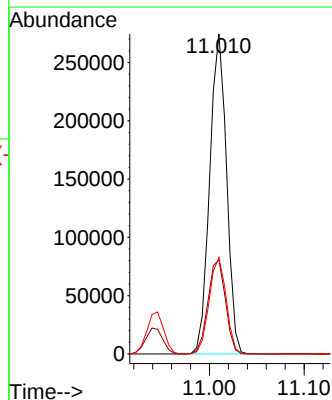
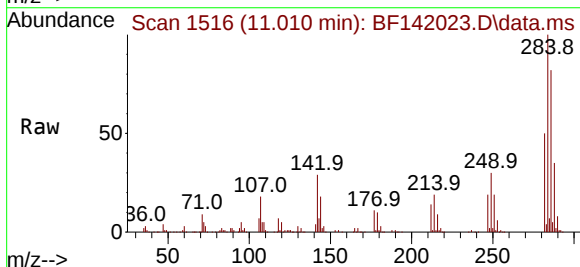
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

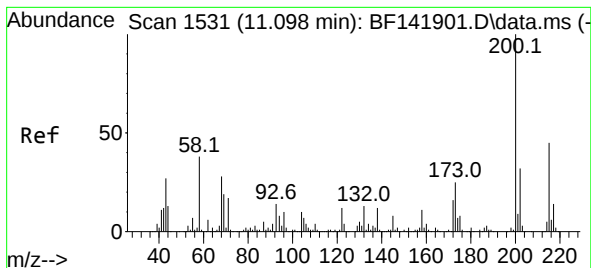
Tgt Ion:248 Resp: 303878
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 71.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 41.948 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:284 Resp: 339618
Ion Ratio Lower Upper
284 100
142 29.4 27.0 40.6
249 30.1 25.2 37.8





#69

Atrazine

Concen: 40.067 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

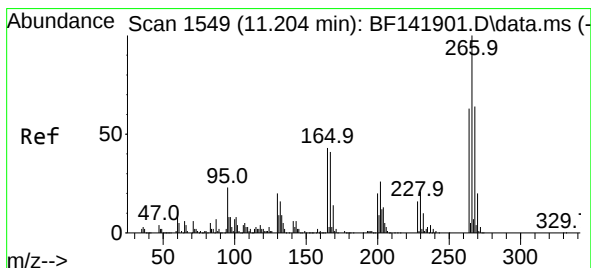
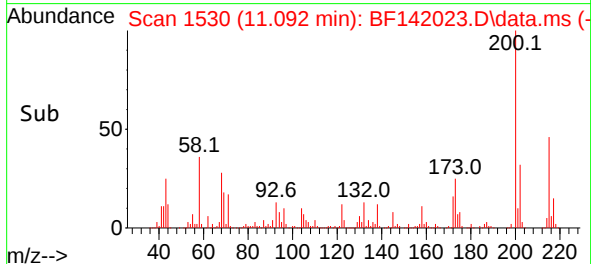
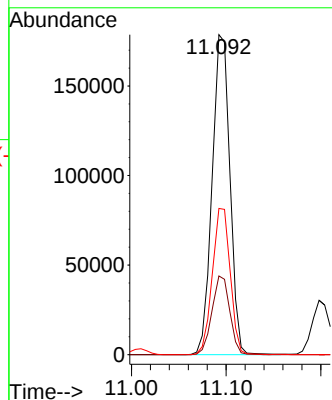
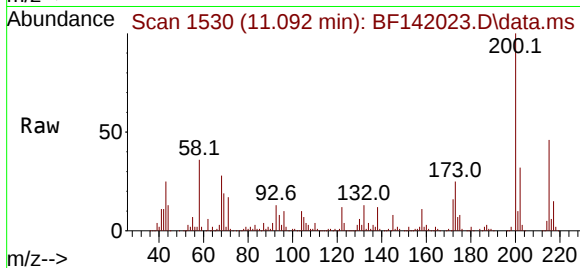
Tgt Ion:200 Resp: 233634

Ion Ratio Lower Upper

200 100

173 24.6 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 41.891 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

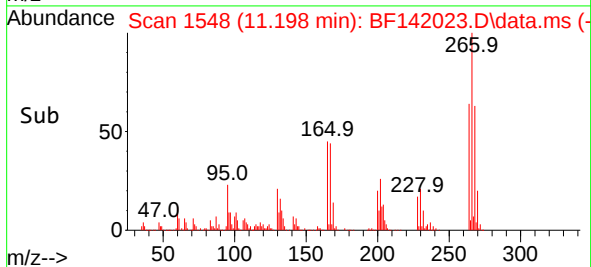
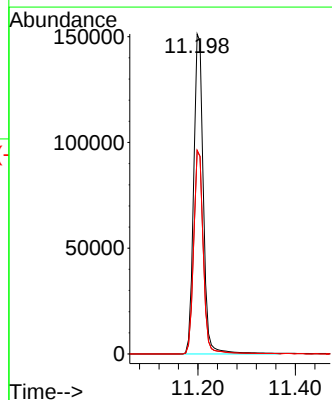
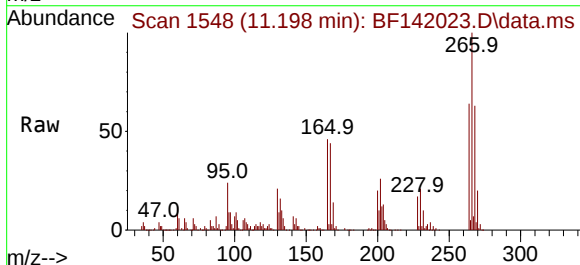
Tgt Ion:266 Resp: 208968

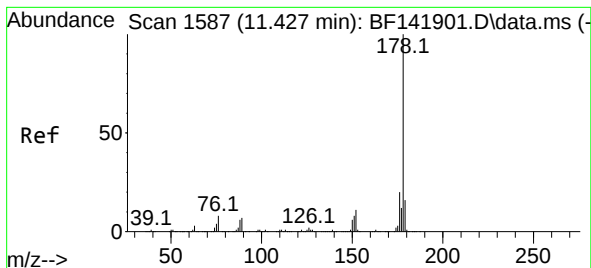
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.6 50.2 75.2





#71

Phenanthrene

Concen: 38.473 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

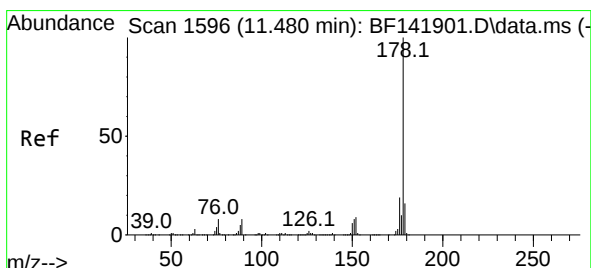
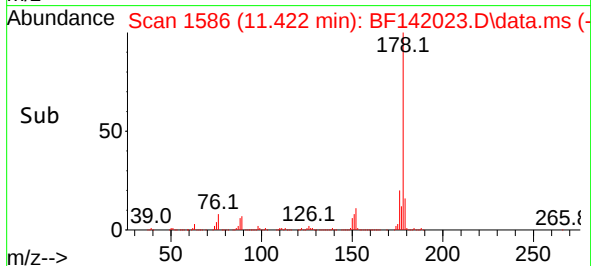
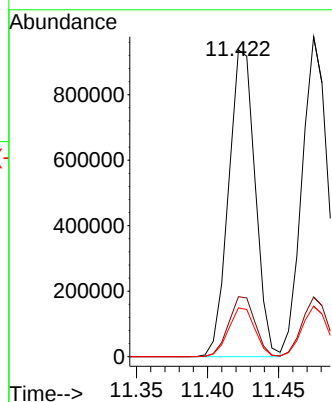
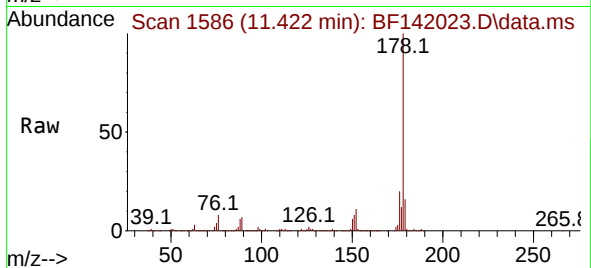
Tgt Ion:178 Resp: 1221432

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.9 12.6 19.0



#72

Anthracene

Concen: 38.423 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

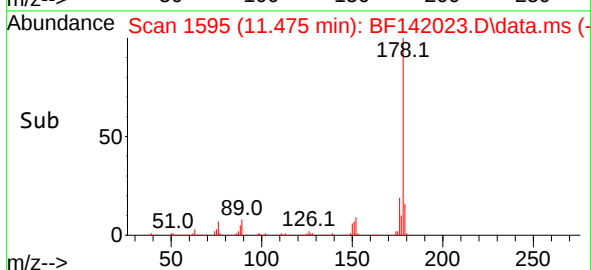
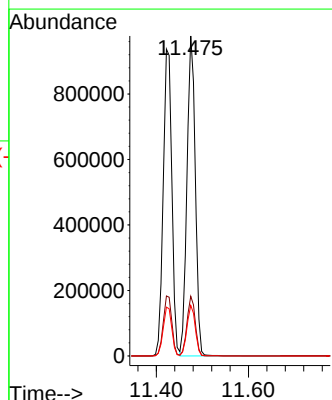
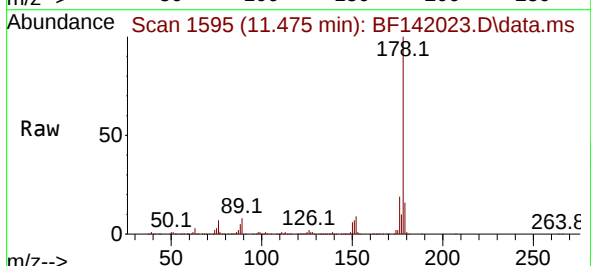
Tgt Ion:178 Resp: 1223829

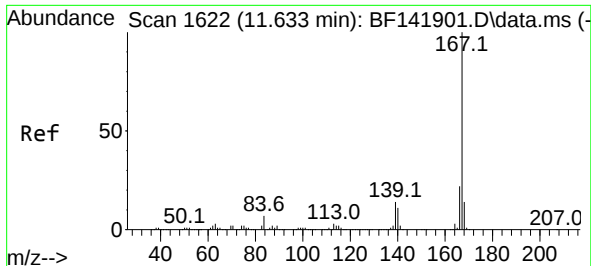
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.8 12.6 19.0

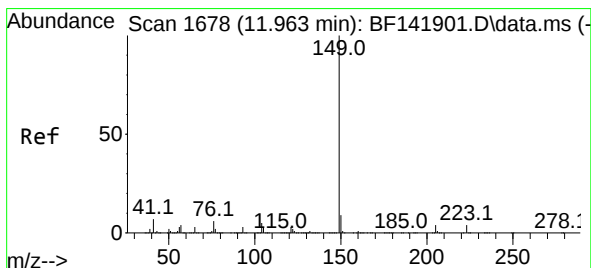
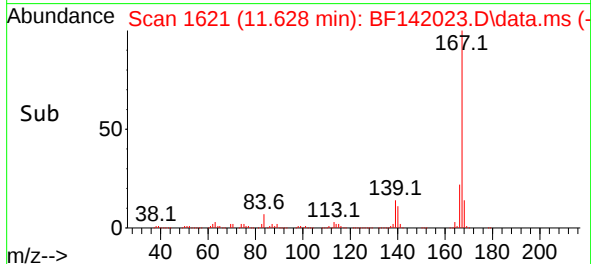
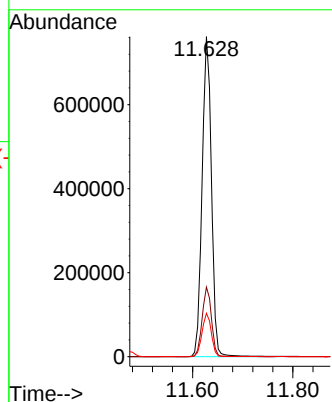
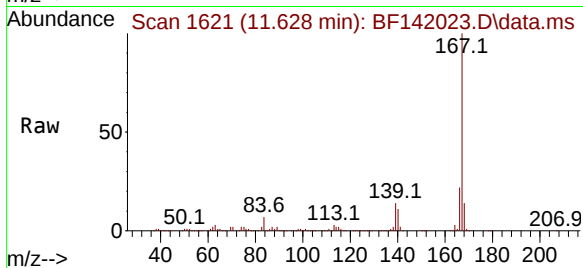




#73
 Carbazole
 Concen: 35.808 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142023.D
 Acq: 21 Mar 2025 11:23

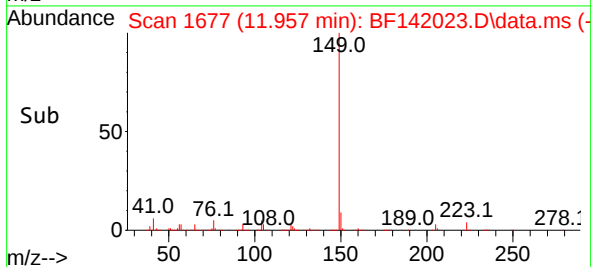
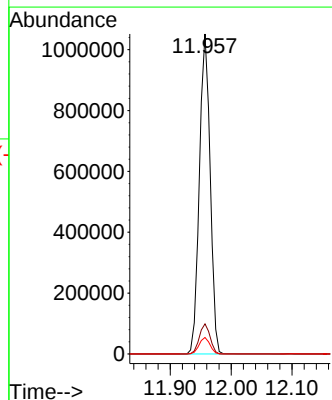
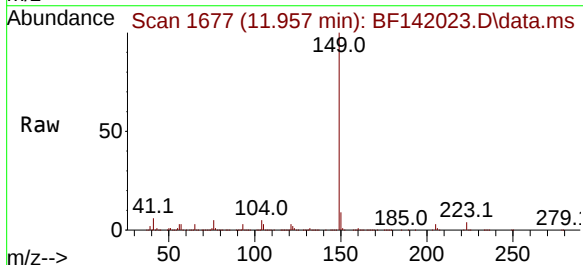
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

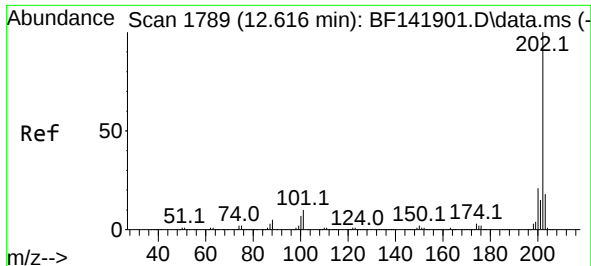
Tgt Ion:167 Resp: 983615
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.6 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 35.369 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142023.D
 Acq: 21 Mar 2025 11:23

Tgt Ion:149 Resp: 1289158
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 4.4 6.6

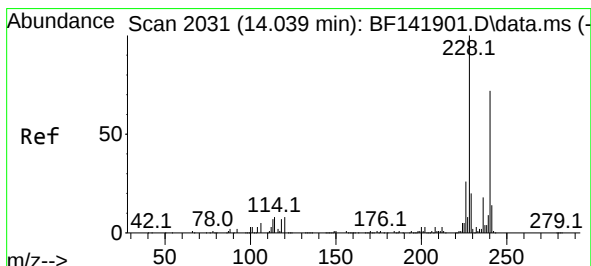
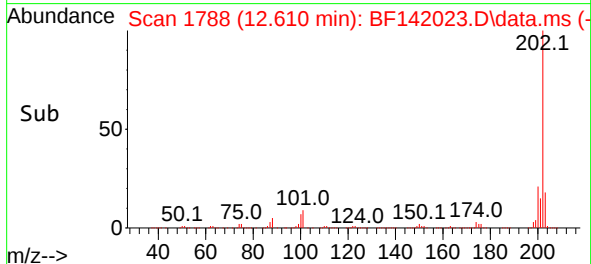
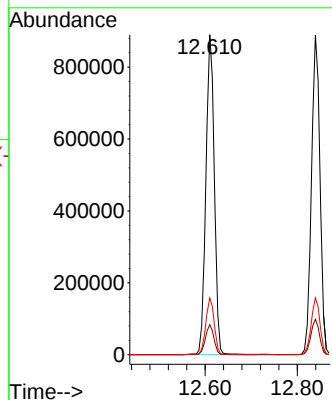
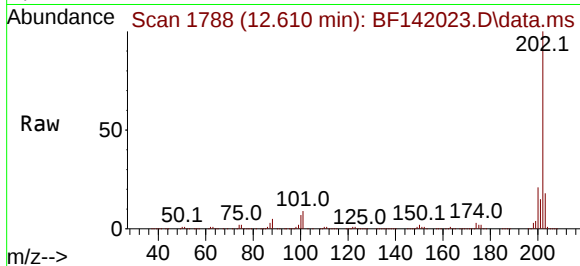




#75
Fluoranthene
Concen: 33.972 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

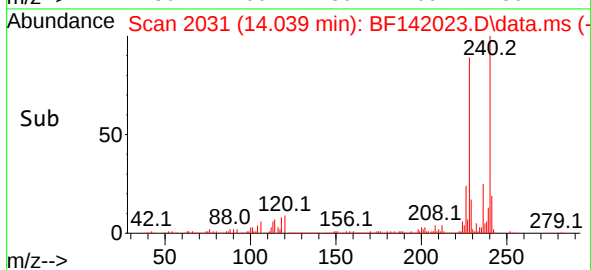
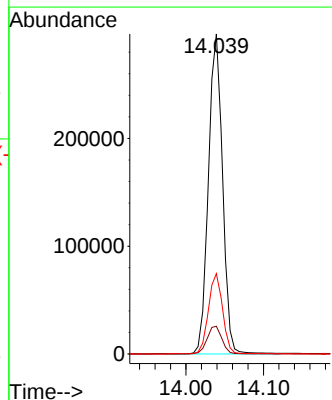
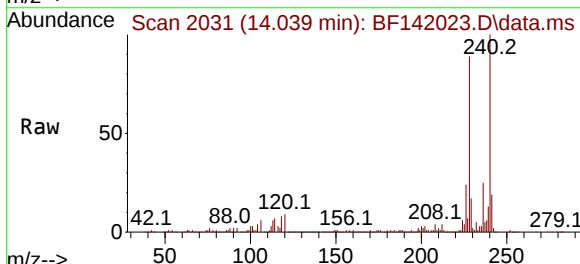
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

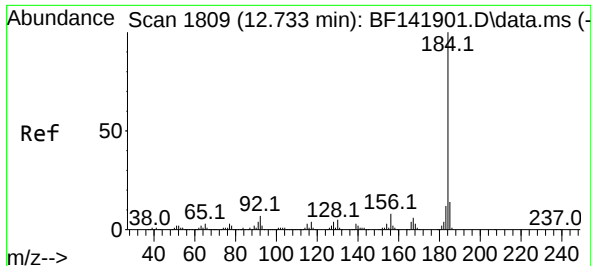
Tgt Ion:202 Resp: 1144079
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:240 Resp: 376427
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.1 20.5 30.7

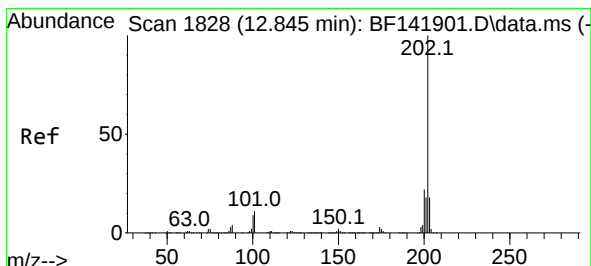
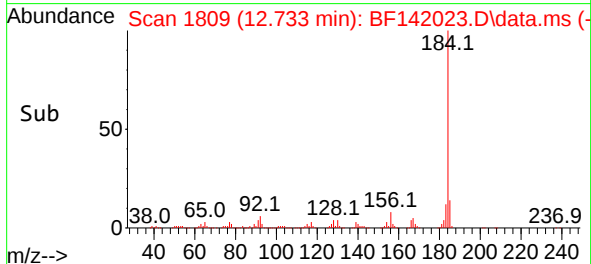
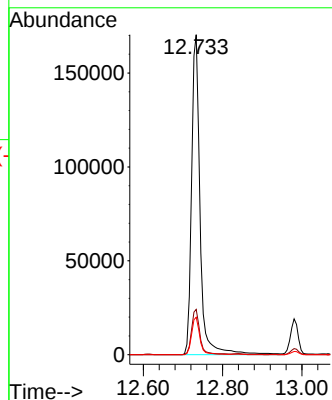
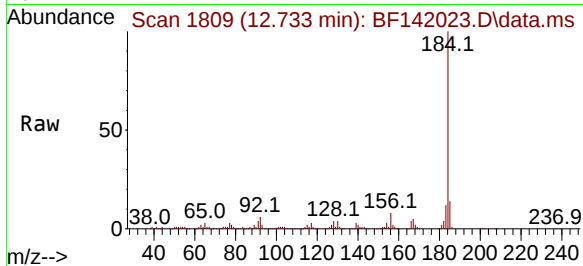




#77
Benzidine
Concen: 48.549 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

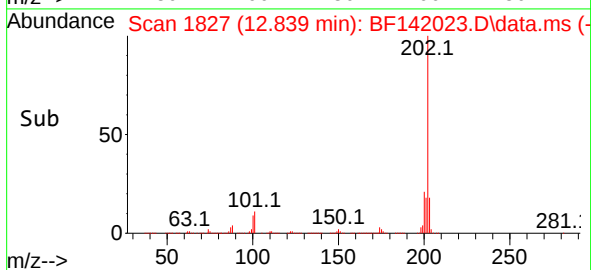
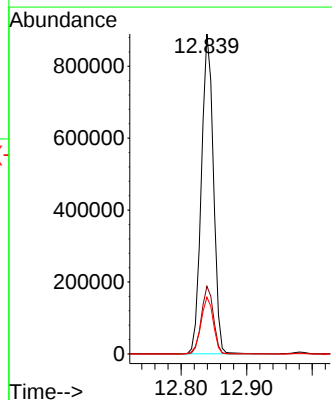
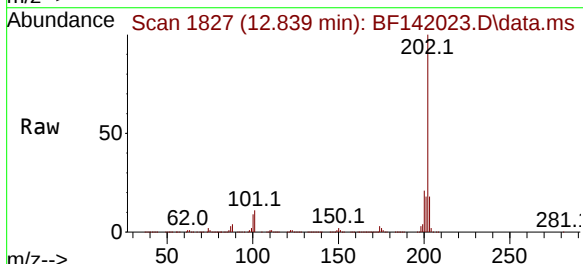
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

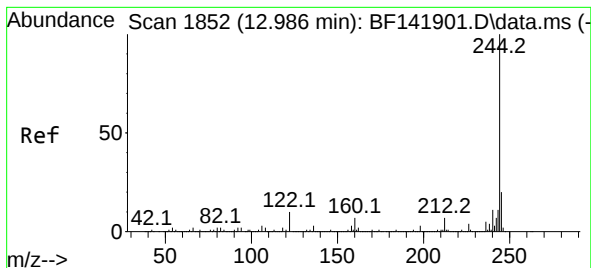
Tgt Ion:184 Resp: 254972
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 34.928 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:202 Resp: 1137297
Ion Ratio Lower Upper
202 100
200 21.2 17.3 25.9
203 17.8 14.4 21.6





#79

Terphenyl-d14

Concen: 68.294 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

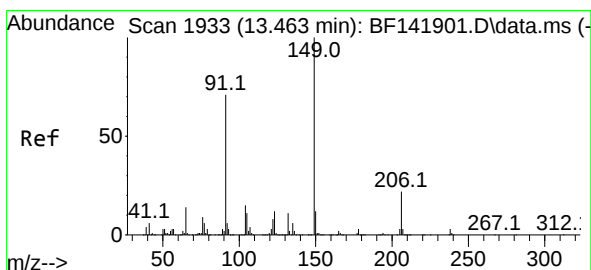
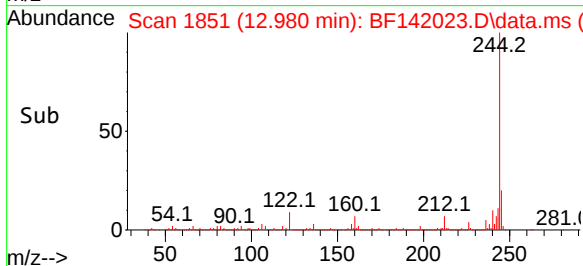
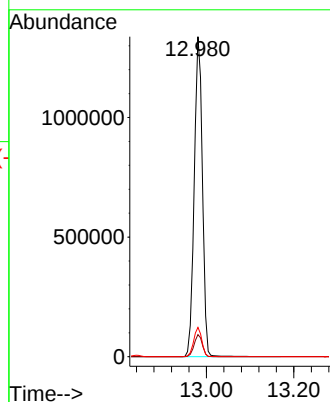
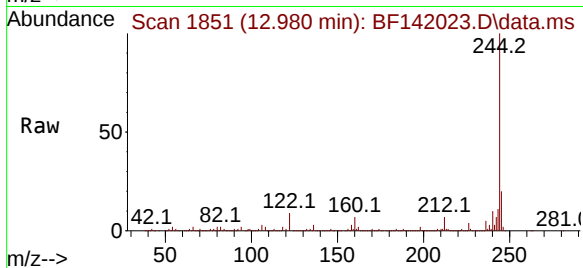
Tgt Ion:244 Resp: 1738821

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 33.719 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

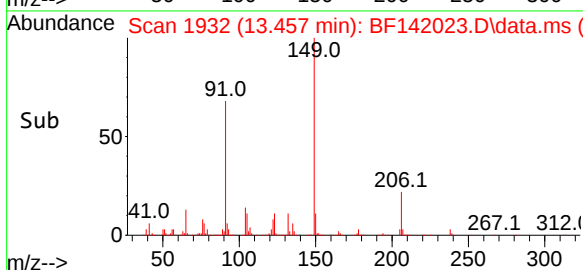
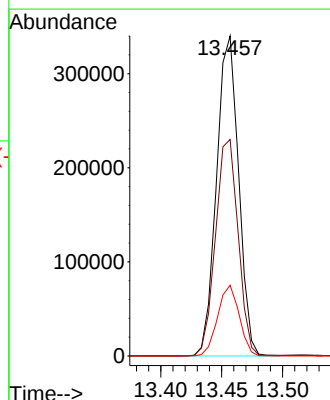
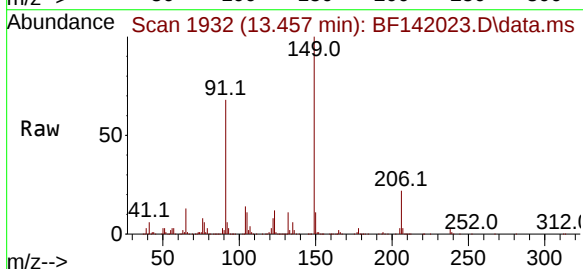
Tgt Ion:149 Resp: 429733

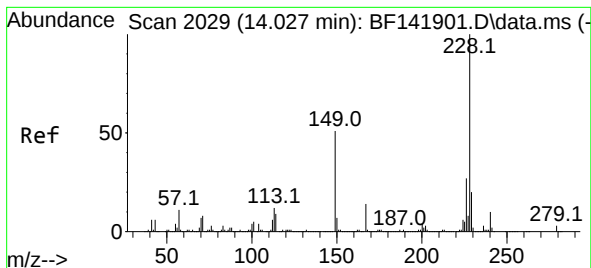
Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 37.258 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

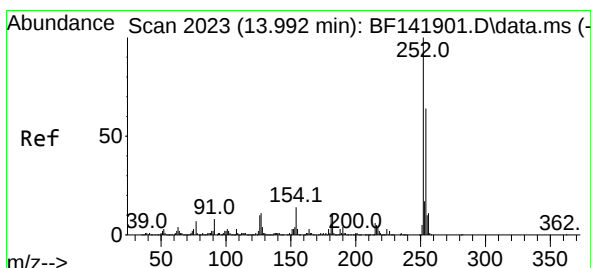
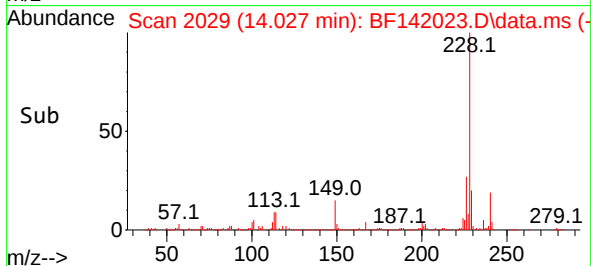
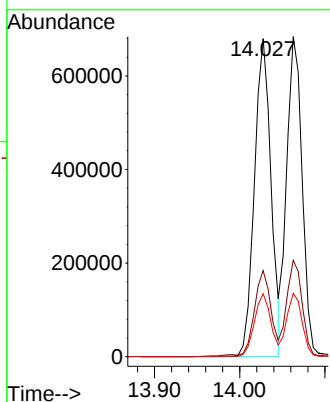
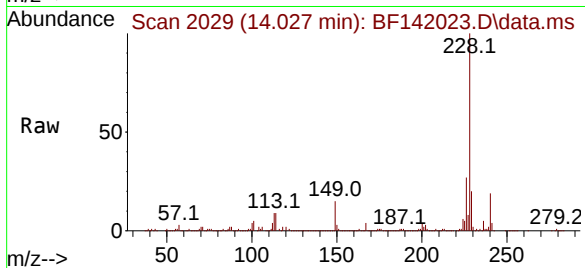
Tgt Ion:228 Resp: 920325

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 41.843 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

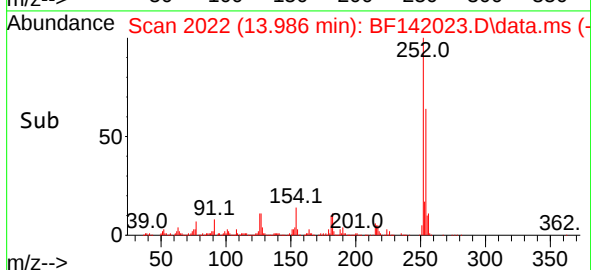
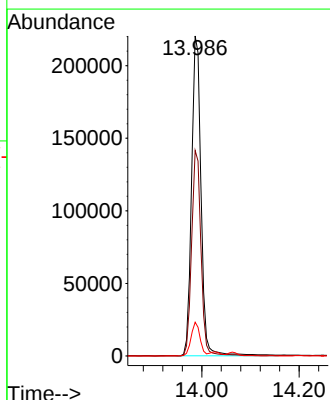
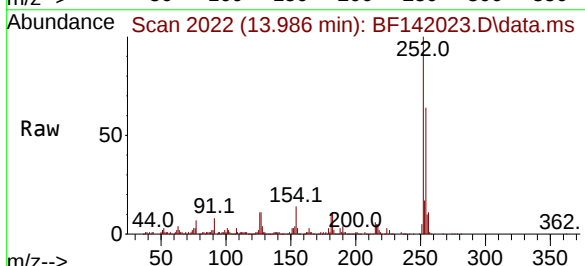
Tgt Ion:252 Resp: 298690

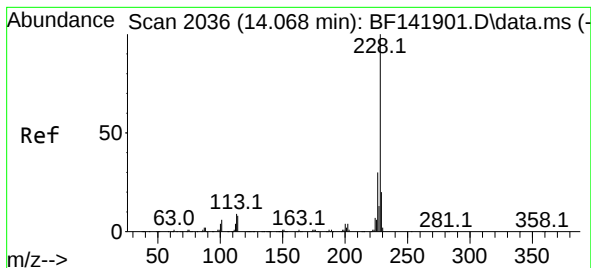
Ion Ratio Lower Upper

252 100

254 64.2 51.0 76.6

126 10.6 8.4 12.6





#83

Chrysene

Concen: 38.991 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

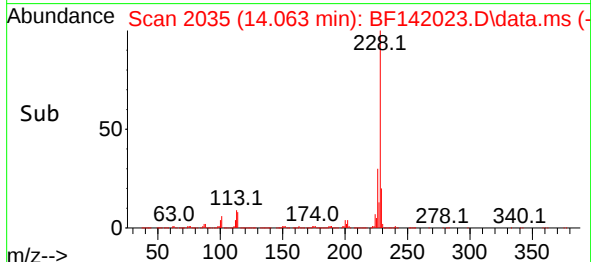
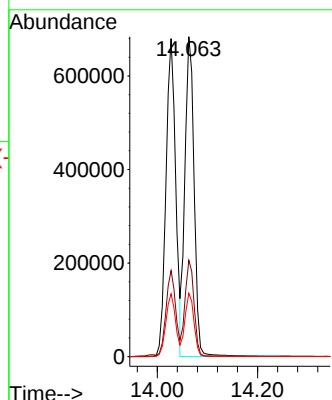
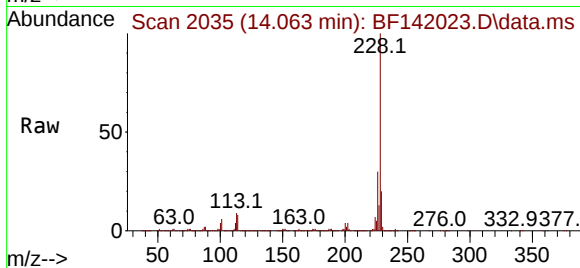
Tgt Ion:228 Resp: 873034

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.093 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

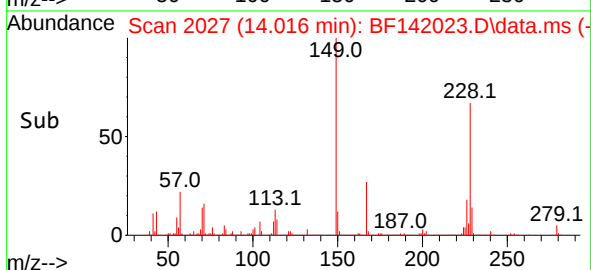
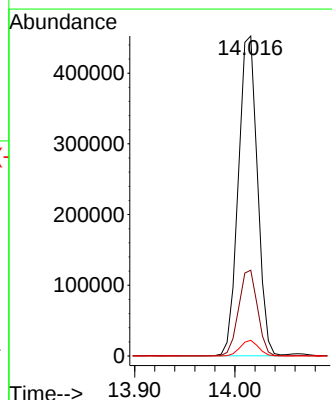
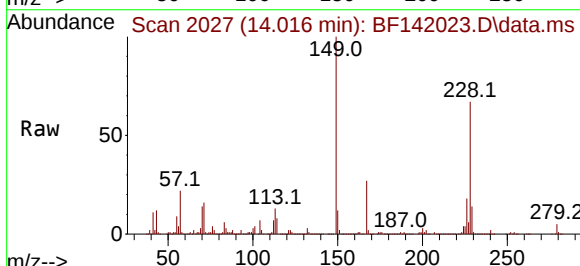
Tgt Ion:149 Resp: 599082

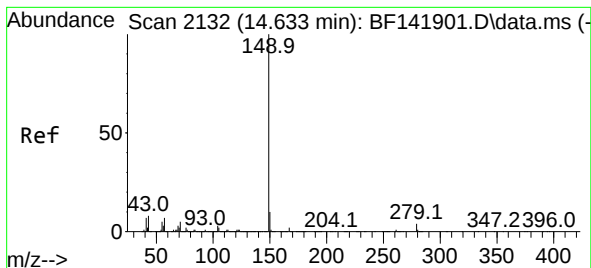
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.951 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

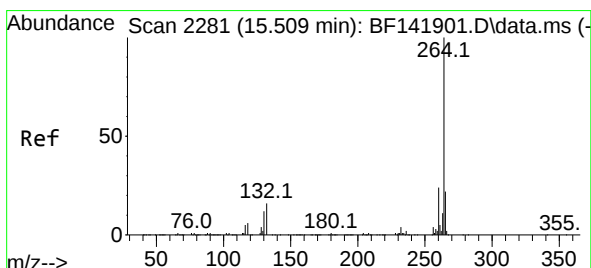
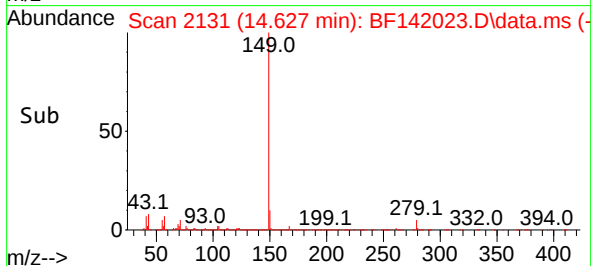
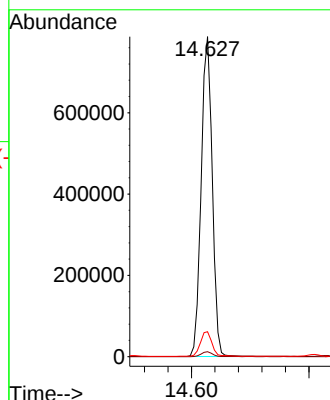
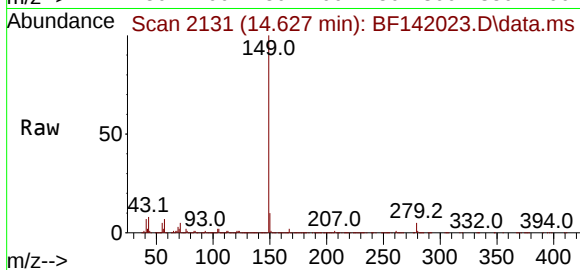
Tgt Ion:149 Resp: 1025700

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

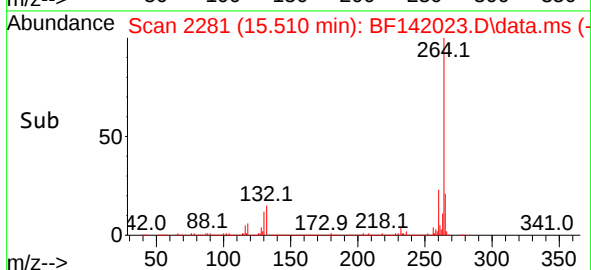
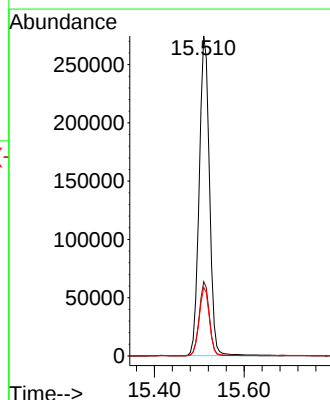
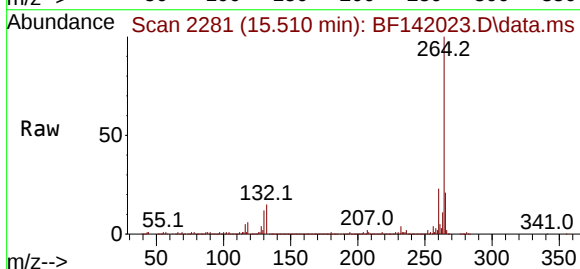
Tgt Ion:264 Resp: 434018

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.672 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

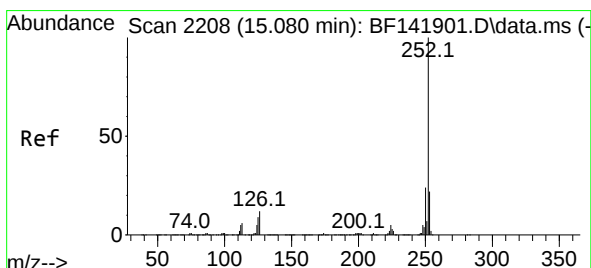
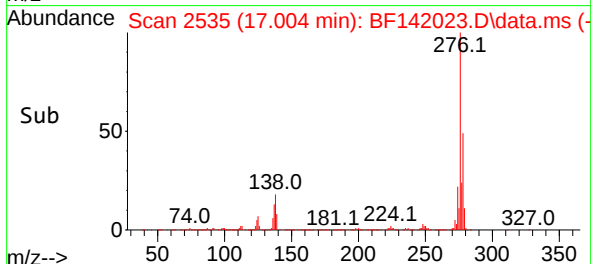
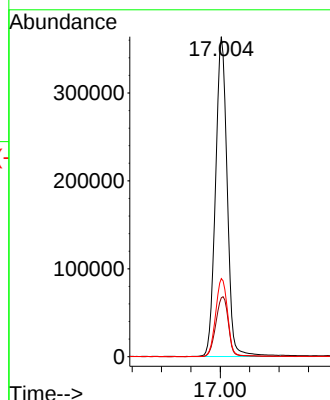
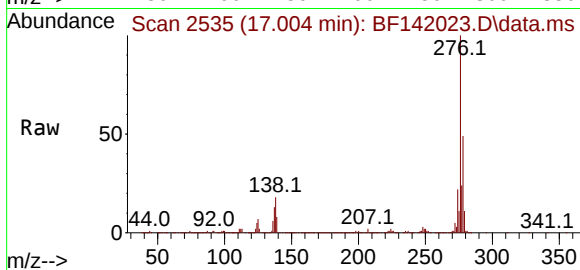
Tgt Ion:276 Resp: 1001513

Ion Ratio Lower Upper

276 100

138 20.1 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 32.950 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

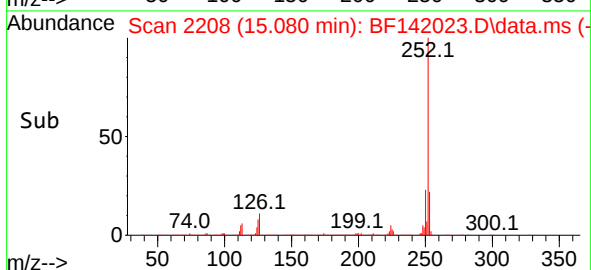
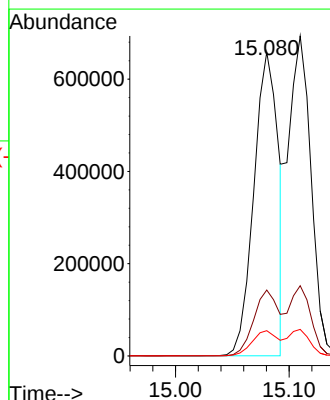
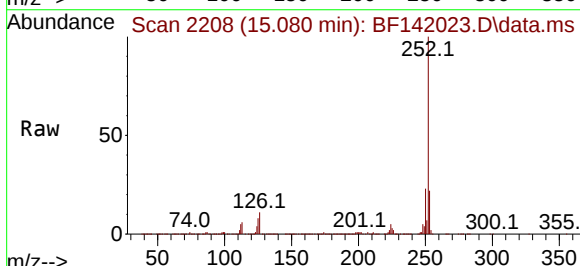
Tgt Ion:252 Resp: 980136

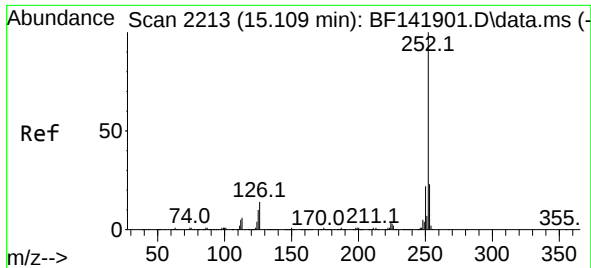
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.3 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 31.892 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

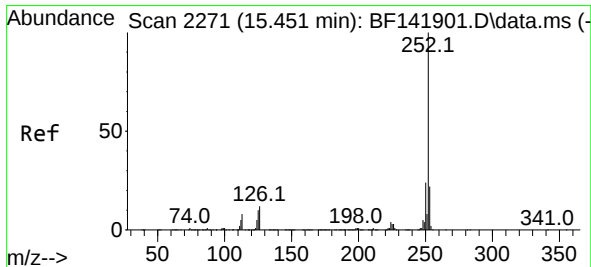
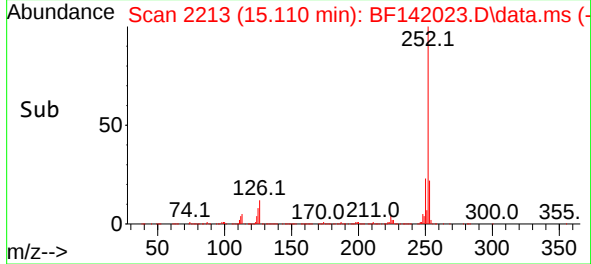
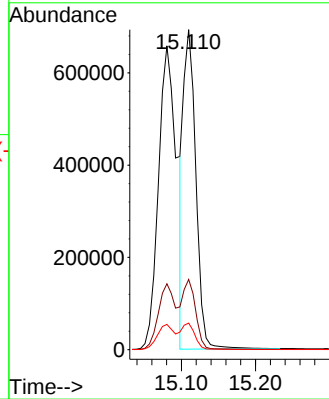
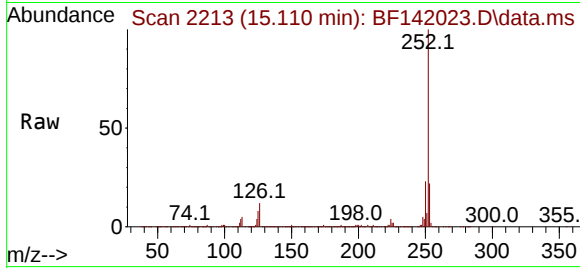
Tgt Ion:252 Resp: 811822

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 37.229 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142023.D

Acq: 21 Mar 2025 11:23

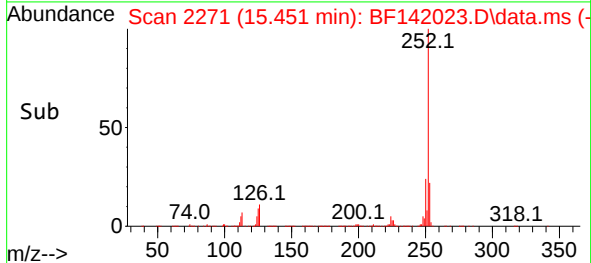
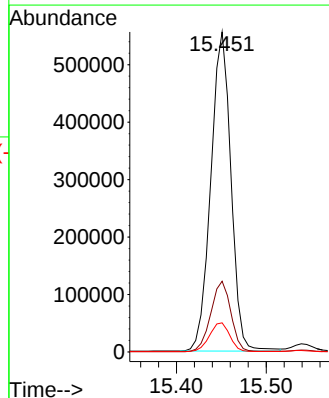
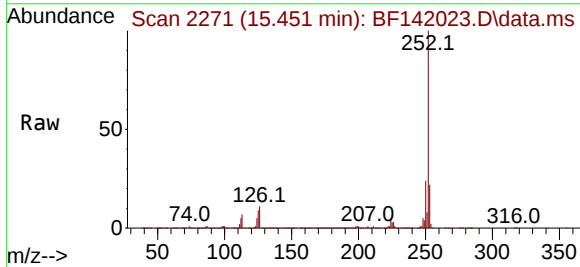
Tgt Ion:252 Resp: 866513

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.1 7.8 11.8

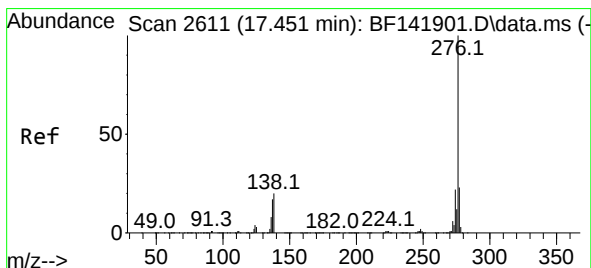
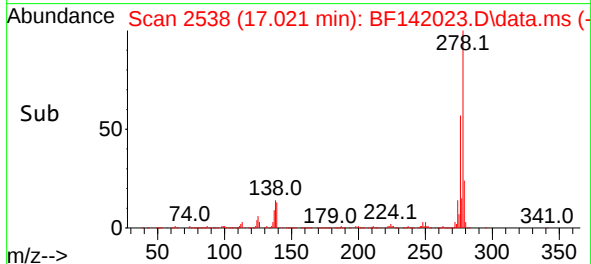
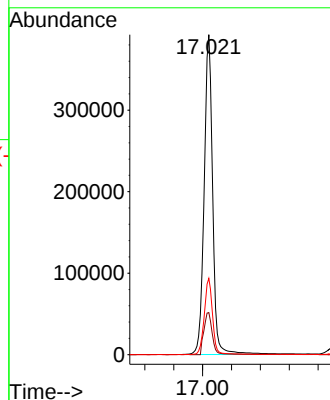
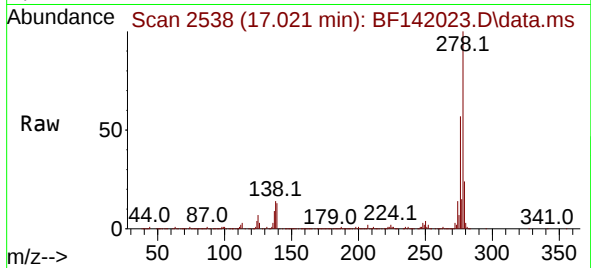




#91
Dibenzo(a,h)anthracene
Concen: 34.761 ng
RT: 17.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 805222
Ion Ratio Lower Upper
278 100
139 13.2 11.4 17.2
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 35.191 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF142023.D
Acq: 21 Mar 2025 11:23

Tgt Ion:276 Resp: 805578
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 17.2 15.8 23.8

