

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
 Data File : BF142590.D
 Acq On : 02 Jun 2025 11:30
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 02 11:53:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	112830	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	441878	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	241388	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	415282	20.000	ng	0.00
76) Chrysene-d12	14.074	240	230387	20.000	ng	0.00
86) Perylene-d12	15.568	264	238851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	520453	77.713	ng	0.00
7) Phenol-d6	6.522	99	624999	77.527	ng	-0.01
23) Nitrobenzene-d5	7.463	82	614193	75.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	204924	76.490	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1294863	71.981	ng	-0.01
79) Terphenyl-d14	13.016	244	1222487	72.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	104787	39.101	ng	99
3) Pyridine	3.434	79	273075	40.014	ng	98
4) n-Nitrosodimethylamine	3.381	42	134236	37.883	ng	92
6) Aniline	6.563	93	426917	39.384	ng	99
8) 2-Chlorophenol	6.681	128	284430	38.992	ng	99
9) Benzaldehyde	6.451	77	181042	37.337	ng	99
10) Phenol	6.540	94	351528	38.752	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	253577	38.834	ng	100
12) 1,3-Dichlorobenzene	6.839	146	312463	38.387	ng	99
13) 1,4-Dichlorobenzene	6.916	146	318681	38.867	ng	99
14) 1,2-Dichlorobenzene	7.069	146	302583	38.567	ng	99
15) Benzyl Alcohol	7.039	79	229225	38.476	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	422408	38.521	ng	99
17) 2-Methylphenol	7.151	107	222036	38.986	ng	99
18) Hexachloroethane	7.410	117	108916	38.042	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	187037	37.435	ng	99
20) 3+4-Methylphenols	7.304	107	280371	38.443	ng	98
22) Acetophenone	7.310	105	368253	37.647	ng	98
24) Nitrobenzene	7.481	77	277591	37.981	ng	99
25) Isophorone	7.722	82	508065	37.499	ng	98
26) 2-Nitrophenol	7.798	139	155595	39.842	ng	96
27) 2,4-Dimethylphenol	7.834	122	264387	38.389	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	322678	38.126	ng	99
29) 2,4-Dichlorophenol	8.039	162	243024	38.802	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	261489	38.470	ng	98
31) Naphthalene	8.204	128	830285	38.160	ng	100
32) Benzoic acid	7.939	122	160260	38.227	ng	98
33) 4-Chloroaniline	8.251	127	343825	38.998	ng	99
34) Hexachlorobutadiene	8.322	225	154741	36.459	ng	98
35) Caprolactam	8.622	113	73834	41.974	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	243211	37.891	ng	98
37) 2-Methylnaphthalene	8.898	142	513490	37.513	ng	99
38) 1-Methylnaphthalene	8.998	142	530617	37.476	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	261475	37.735	ng	100
41) Hexachlorocyclopentadiene	9.051	237	164068	35.099	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	176717	37.821	ng	98

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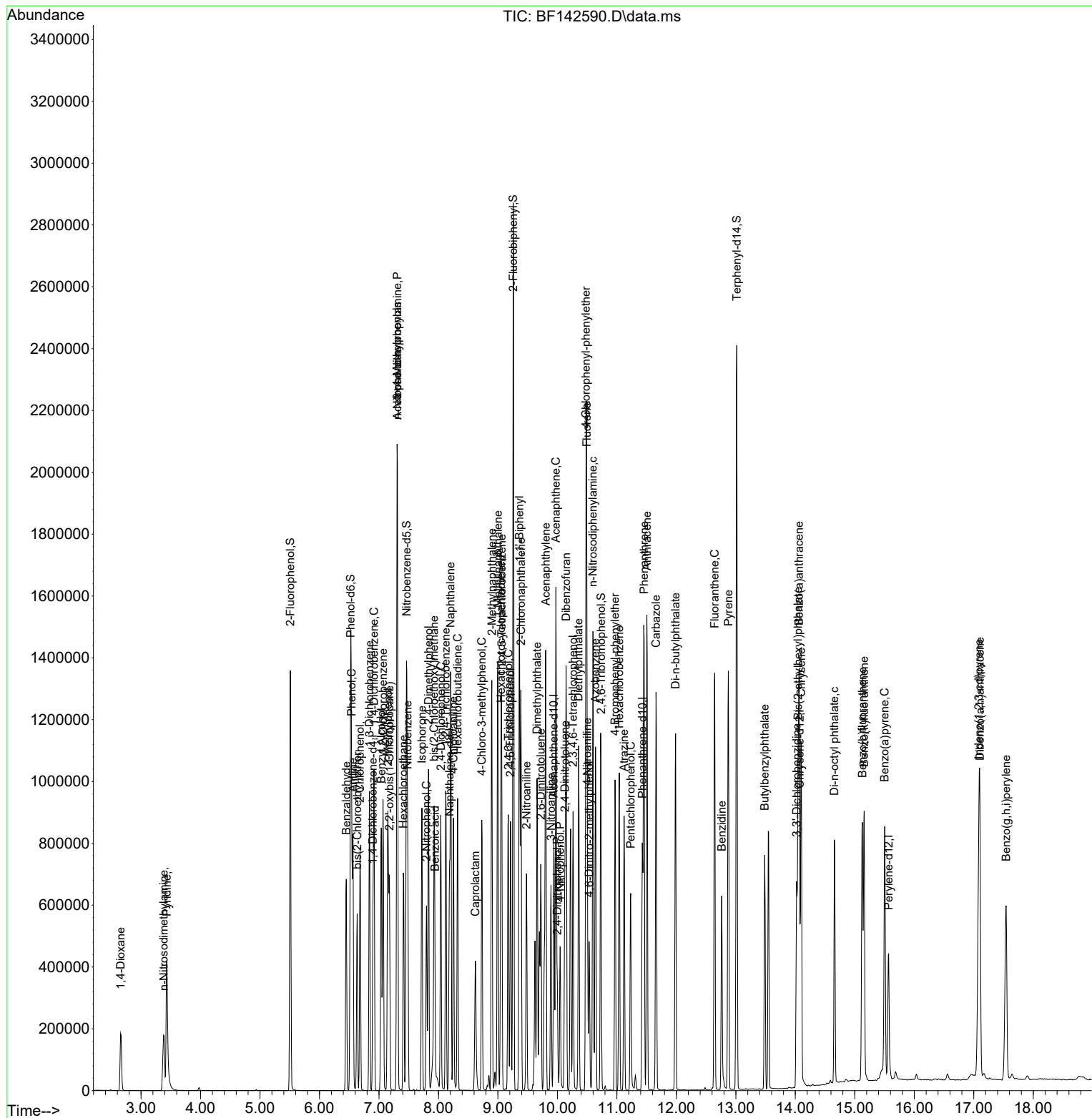
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	191168	38.794	ng	99
46) 1,1'-Biphenyl	9.363	154	702351	37.504	ng	100
47) 2-Chloronaphthalene	9.386	162	521535	37.693	ng	99
48) 2-Nitroaniline	9.480	65	156771	39.199	ng	98
49) Acenaphthylene	9.804	152	883436	37.812	ng	100
50) Dimethylphthalate	9.657	163	609673	38.278	ng	100
51) 2,6-Dinitrotoluene	9.722	165	134489	39.122	ng	97
52) Acenaphthene	9.975	154	539520	37.817	ng	99
53) 3-Nitroaniline	9.892	138	151962	40.472	ng	99
54) 2,4-Dinitrophenol	9.998	184	68903	38.796	ng	94
55) Dibenzofuran	10.145	168	775550	37.777	ng	98
56) 4-Nitrophenol	10.045	139	109452	39.507	ng	97
57) 2,4-Dinitrotoluene	10.128	165	180640	40.236	ng	99
58) Fluorene	10.492	166	606801	38.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	161231	39.192	ng	99
60) Diethylphthalate	10.357	149	591746	38.041	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	295424	37.917	ng	97
62) 4-Nitroaniline	10.504	138	142644	41.888	ng	96
63) Azobenzene	10.639	77	534537	38.258	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	94020	40.568	ng	99
66) n-Nitrosodiphenylamine	10.598	169	532389	37.472	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	182475	37.161	ng	100
68) Hexachlorobenzene	11.039	284	204259	37.610	ng	99
69) Atrazine	11.122	200	152871	40.515	ng	99
70) Pentachlorophenol	11.233	266	115580	37.694	ng	99
71) Phenanthrene	11.457	178	843782	38.019	ng	100
72) Anthracene	11.504	178	868050	38.324	ng	100
73) Carbazole	11.657	167	762565	39.382	ng	100
74) Di-n-butylphthalate	11.986	149	845566	39.894	ng	100
75) Fluoranthene	12.645	202	822707	39.672	ng	99
77) Benzidine	12.763	184	372760	43.479	ng	99
78) Pyrene	12.874	202	811108	37.740	ng	100
80) Butylbenzylphthalate	13.486	149	251441	42.340	ng	98
81) Benzo(a)anthracene	14.063	228	586045	38.094	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	195614	41.922	ng	98
83) Chrysene	14.098	228	523222	37.850	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	319802	42.067	ng	99
85) Di-n-octyl phthalate	14.657	149	550609	37.041	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	653334	36.435	ng	99
88) Benzo(b)fluoranthene	15.127	252	537758	38.041	ng	99
89) Benzo(k)fluoranthene	15.157	252	496143	37.472	ng	98
90) Benzo(a)pyrene	15.504	252	511548	38.390	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	537907	36.987	ng	100
92) Benzo(g,h,i)perylene	17.545	276	528096	36.304	ng	98

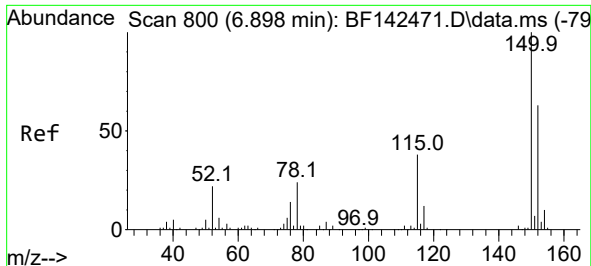
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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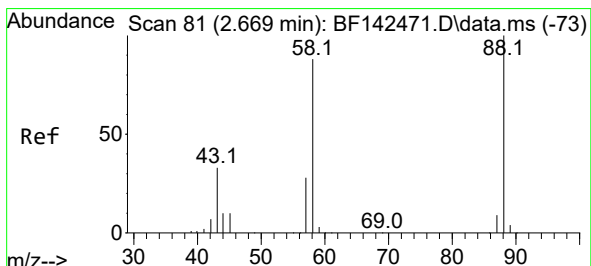
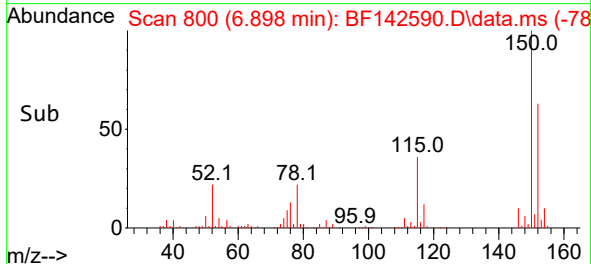
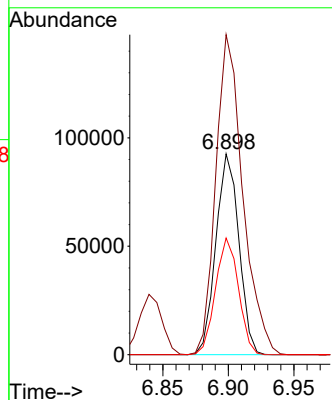
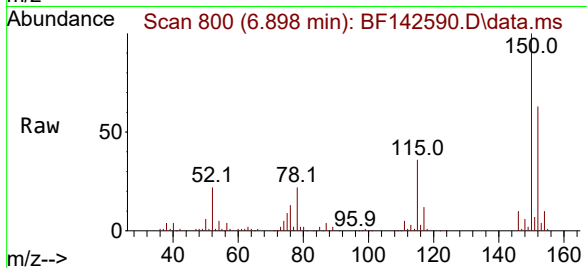




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

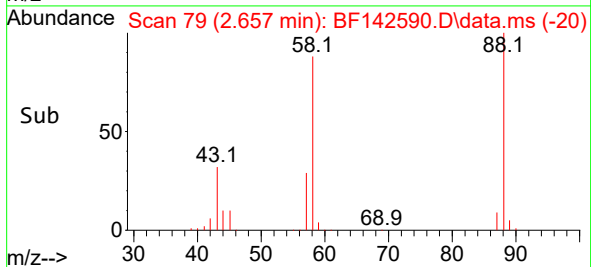
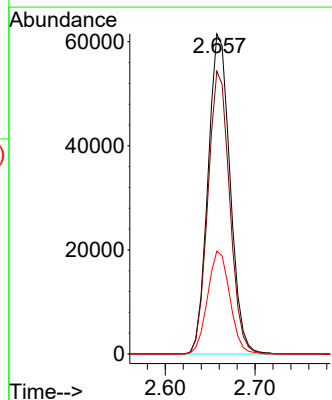
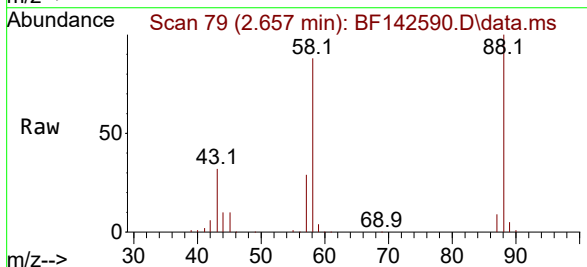
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 BNA_F
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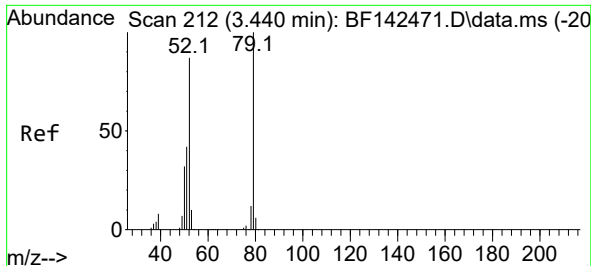
Tgt Ion:152 Resp: 112830
 Ion Ratio Lower Upper
 152 100
 150 159.4 128.2 192.4
 115 58.1 48.3 72.5



#2
 1,4-Dioxane
 Concen: 39.101 ng
 RT: 2.657 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

Tgt Ion: 88 Resp: 104787
 Ion Ratio Lower Upper
 88 100
 58 87.4 70.8 106.2
 43 32.6 26.6 40.0

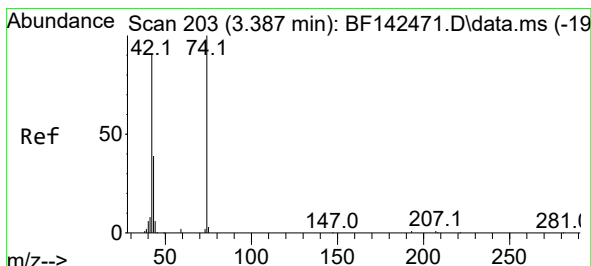
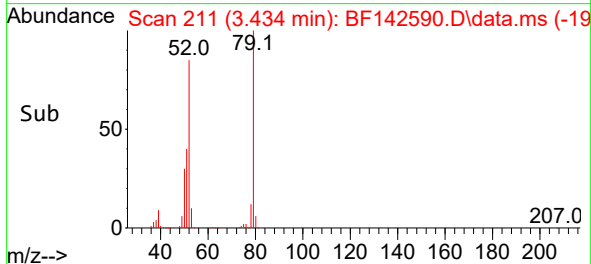
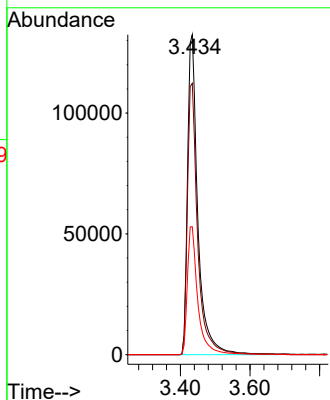
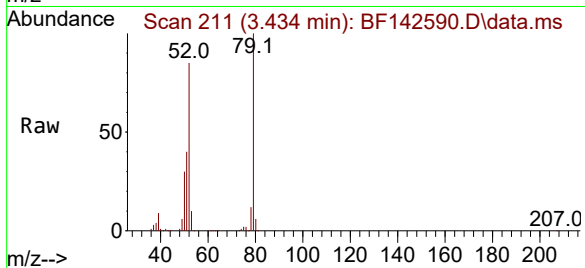




#3
 Pyridine
 Concen: 40.014 ng
 RT: 3.434 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

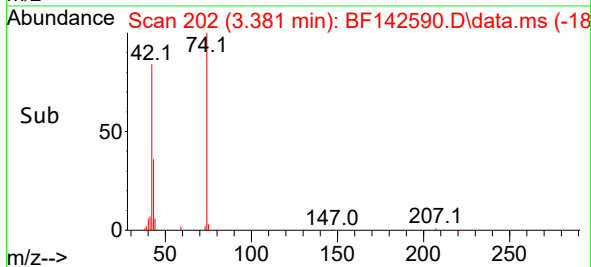
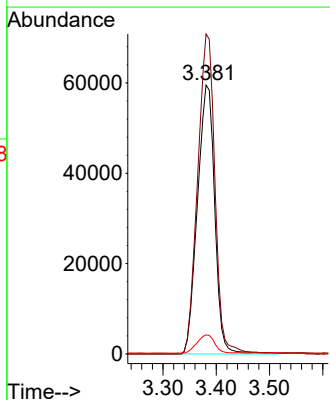
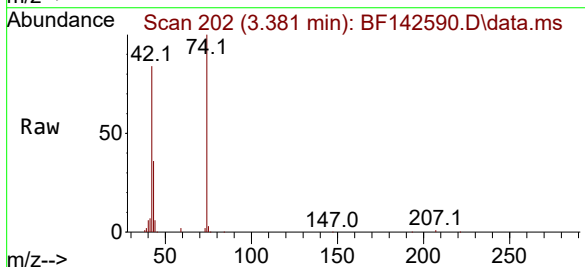
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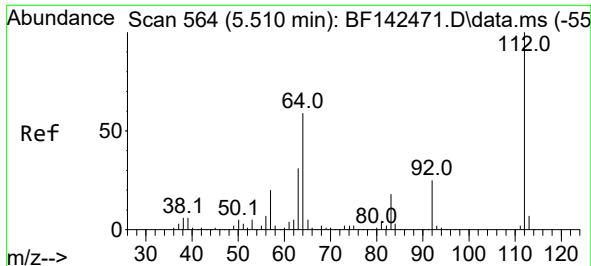
Tgt Ion: 79 Resp: 273075
 Ion Ratio Lower Upper
 79 100
 52 84.8 69.2 103.8
 51 40.0 33.3 49.9



#4
 n-Nitrosodimethylamine
 Concen: 37.883 ng
 RT: 3.381 min Scan# 202
 Delta R.T. -0.023 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

Tgt Ion: 42 Resp: 134236
 Ion Ratio Lower Upper
 42 100
 74 119.1 88.2 132.4
 44 7.1 5.4 8.2

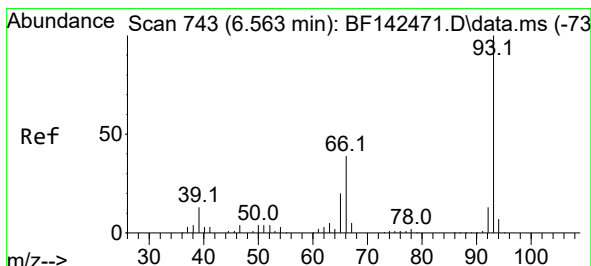
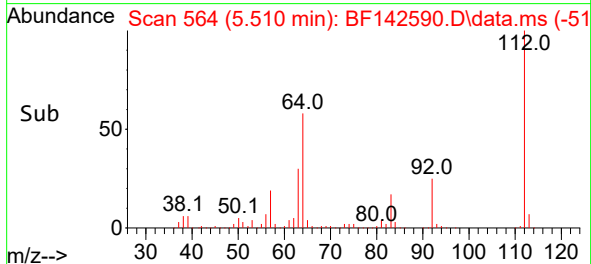
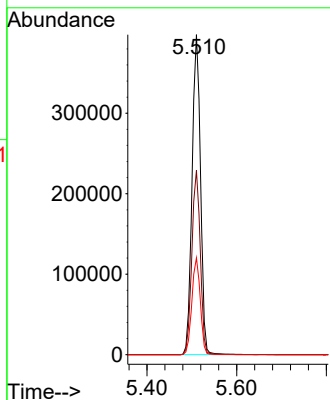
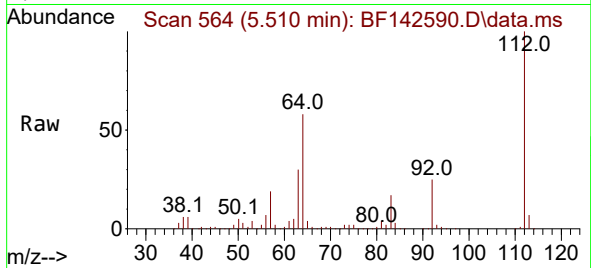




#5
2-Fluorophenol
Concen: 77.713 ng
RT: 5.510 min Scan# 501
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

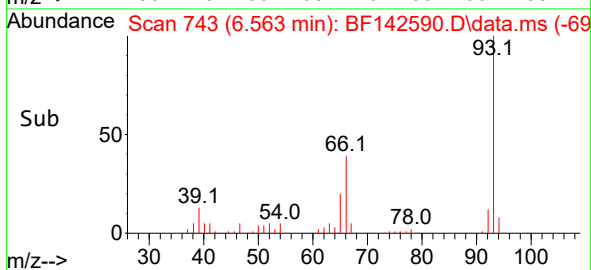
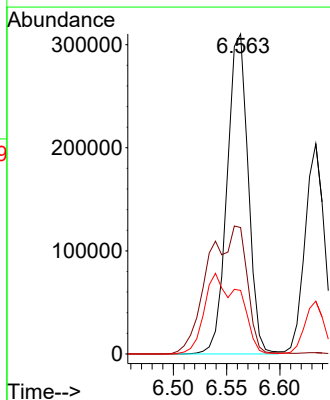
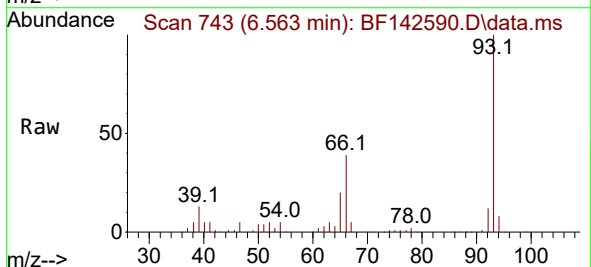
Instrument :
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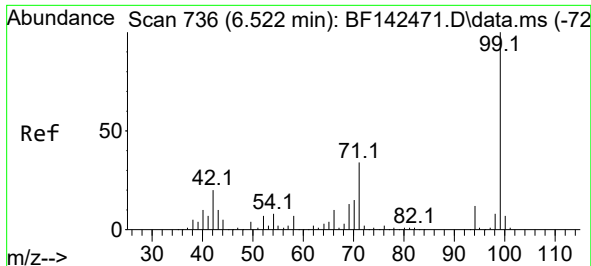
Tgt Ion:112 Resp: 520453
Ion Ratio Lower Upper
112 100
64 57.6 47.5 71.3
63 30.3 24.9 37.3



#6
Aniline
Concen: 39.384 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 93 Resp: 426917
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 19.8 16.1 24.1

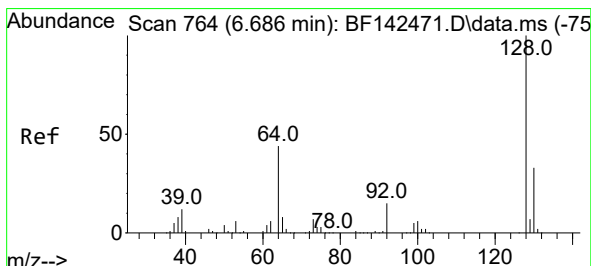
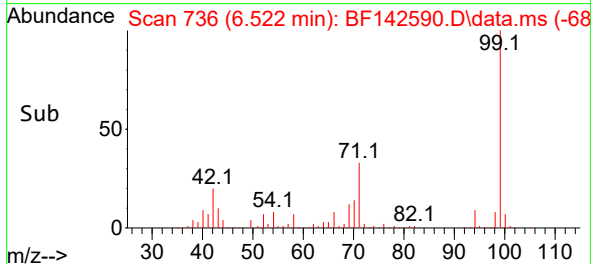
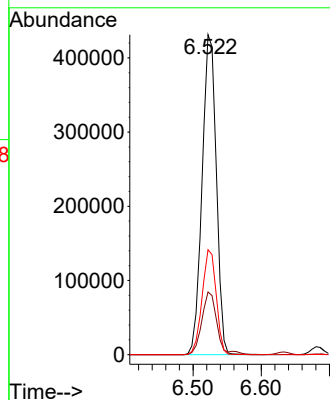
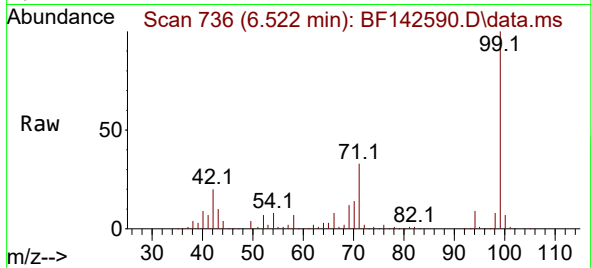




#7
Phenol-d6
Concen: 77.527 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

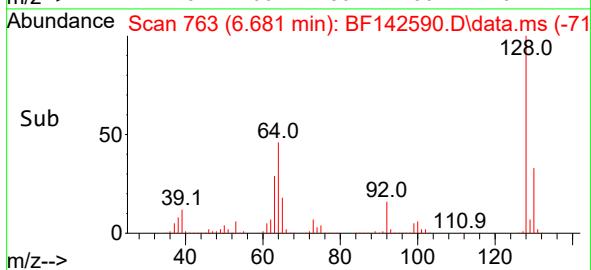
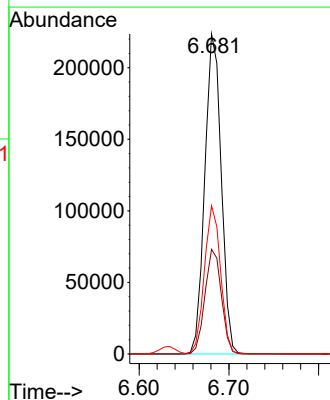
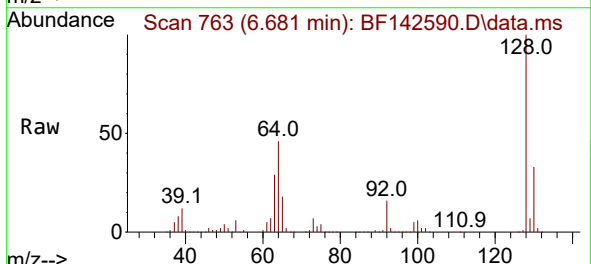
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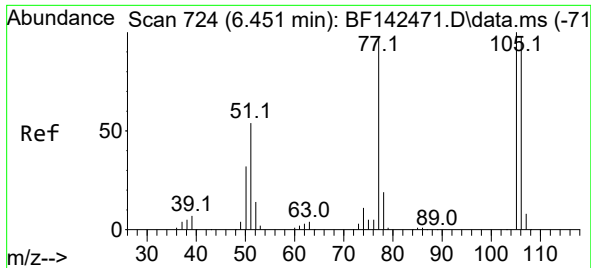
Tgt Ion: 99 Resp: 624999
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.2
71 32.8 27.3 40.9



#8
2-Chlorophenol
Concen: 38.992 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:128 Resp: 284430
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 46.3 25.1 65.1

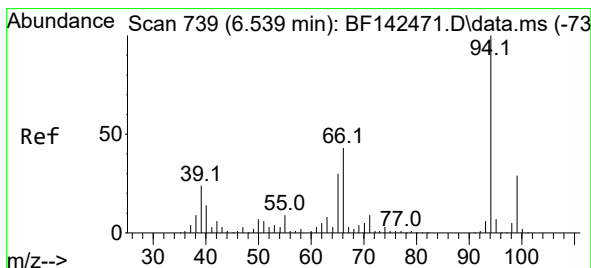
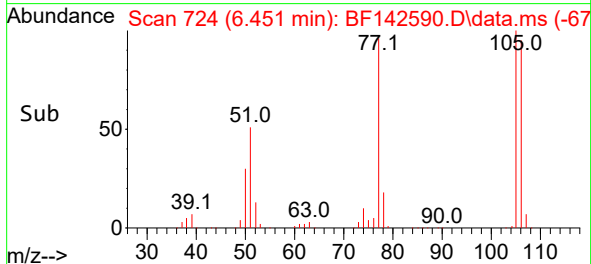
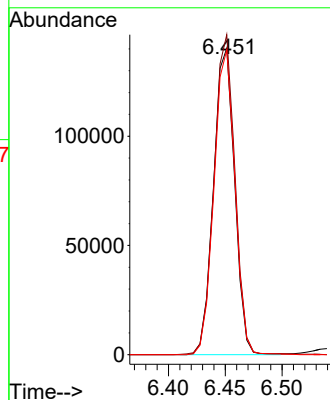
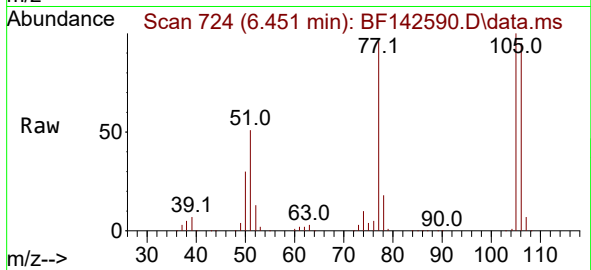




#9
Benzaldehyde
Concen: 37.337 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142590.D
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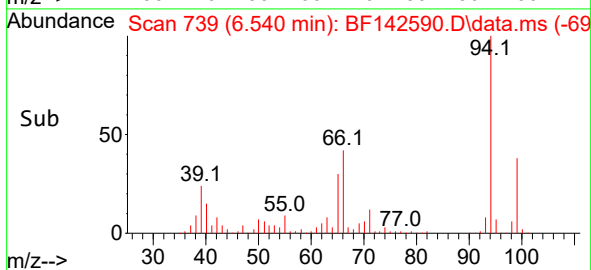
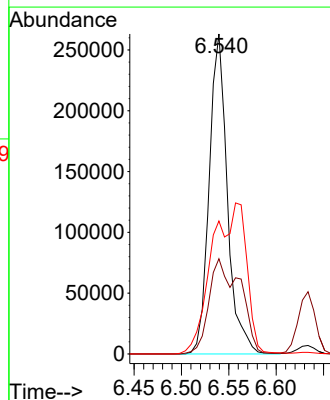
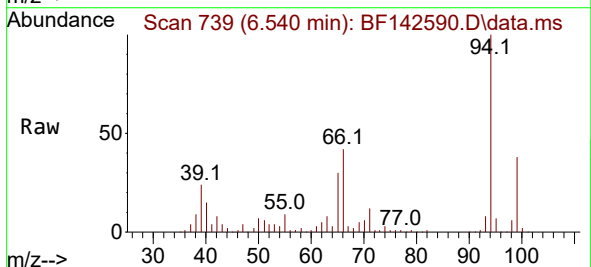
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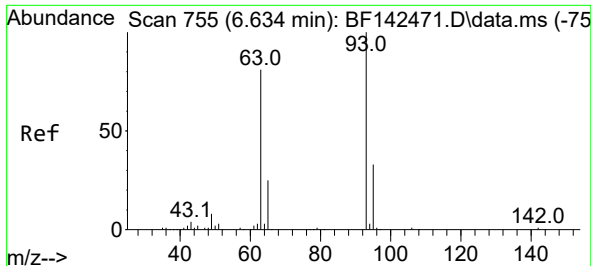
Tgt Ion: 77 Resp: 181042
Ion Ratio Lower Upper
77 100
105 104.4 82.5 122.5
106 99.5 80.0 120.0



#10
Phenol
Concen: 38.752 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 94 Resp: 351528
Ion Ratio Lower Upper
94 100
65 29.8 10.3 50.3
66 41.6 22.6 62.6

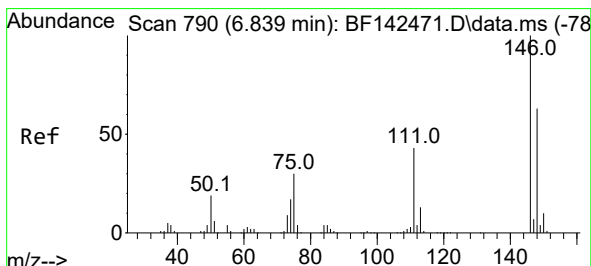
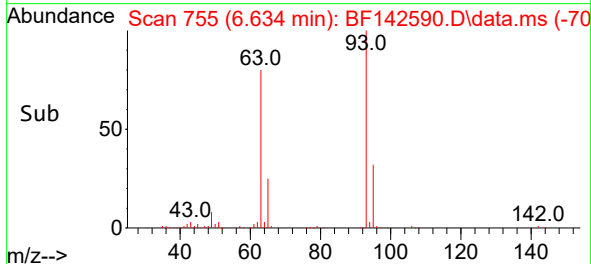
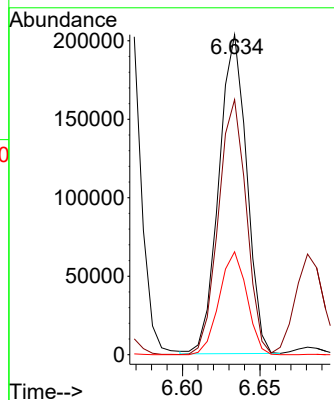
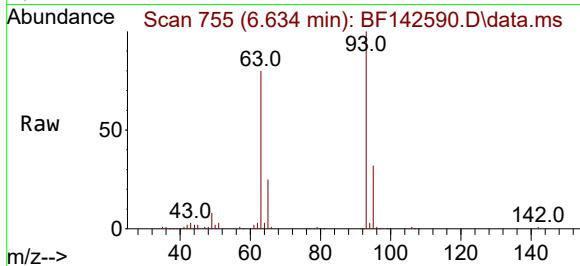




#11
bis(2-Chloroethyl)ether
Concen: 38.834 ng
RT: 6.634 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

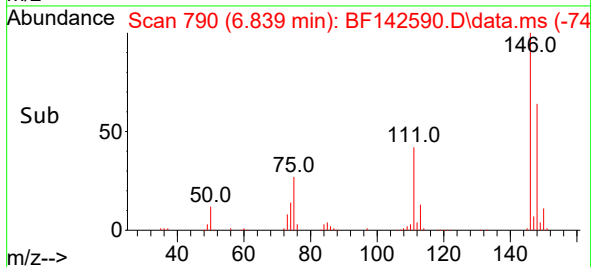
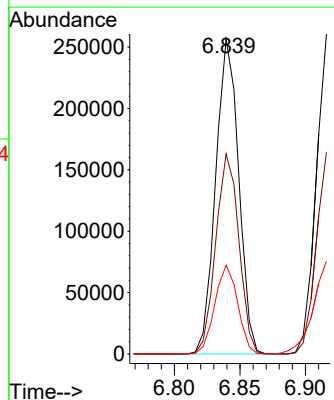
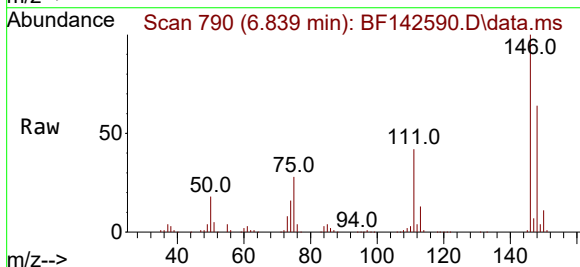
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 253577
Ion Ratio Lower Upper
93 100
63 79.7 60.2 100.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.387 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 146 Resp: 312463
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 28.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 38.867 ng

RT: 6.916 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

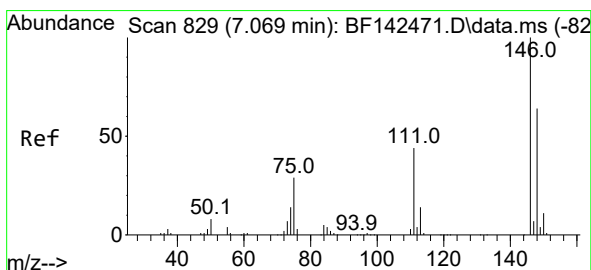
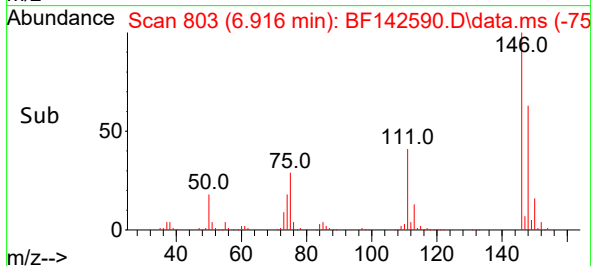
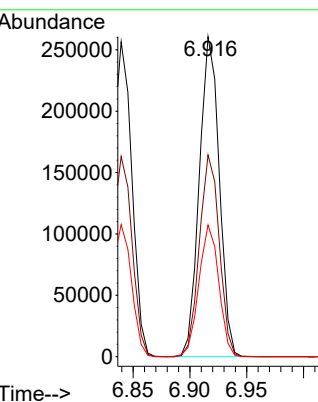
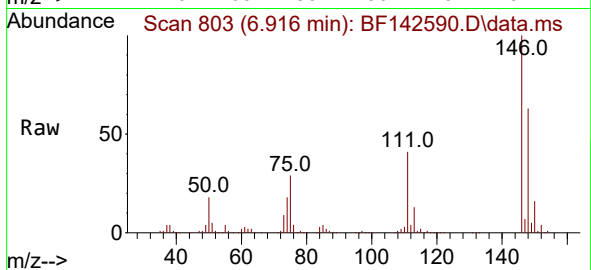
Tgt Ion:146 Resp: 318681

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

111 41.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.567 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

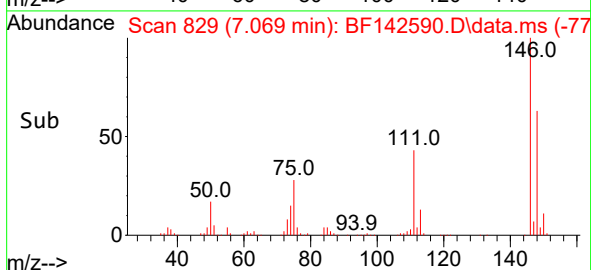
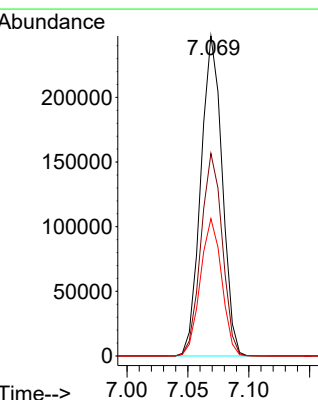
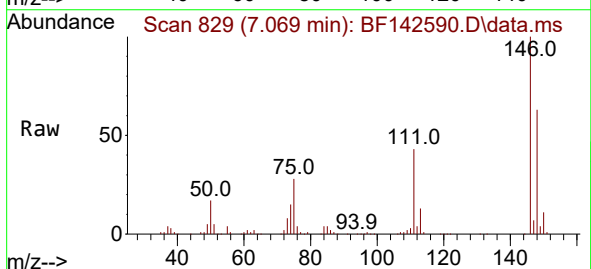
Tgt Ion:146 Resp: 302583

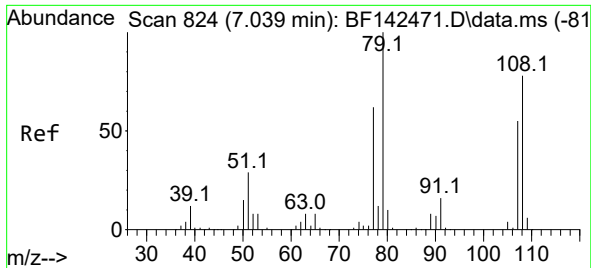
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

111 42.9 35.0 52.6

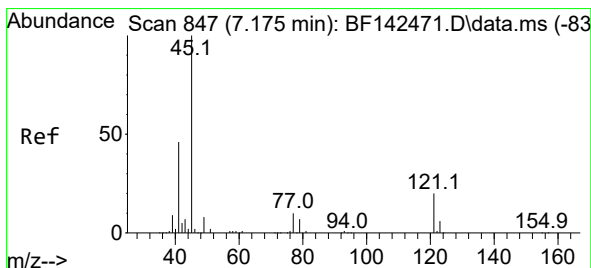
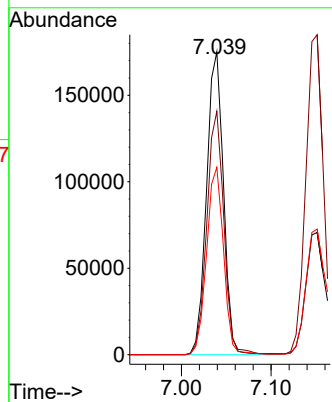
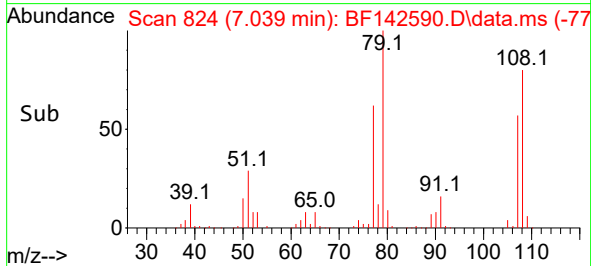
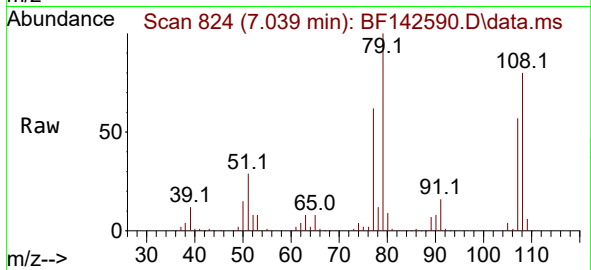




#15
Benzyl Alcohol
Concen: 38.476 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

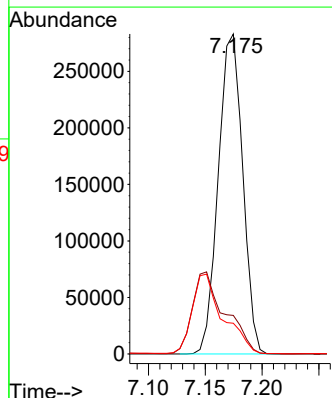
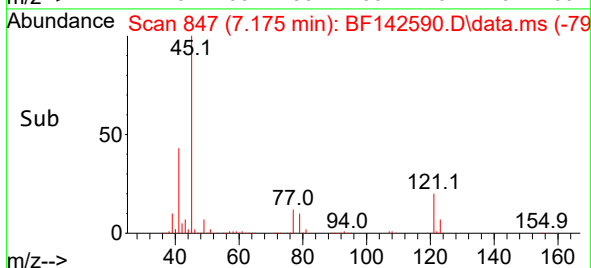
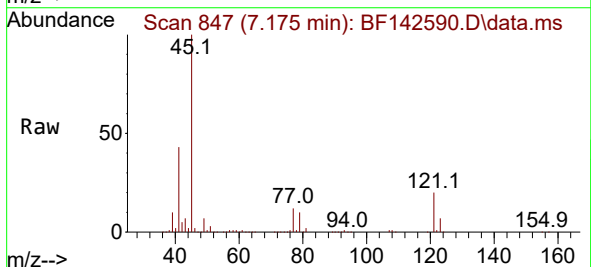
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

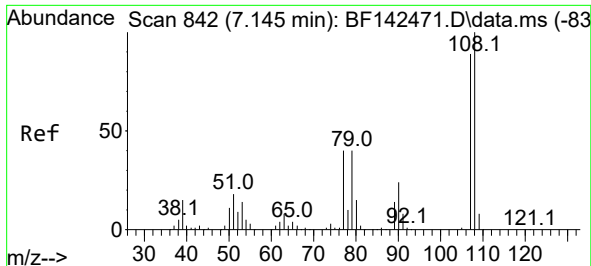
Tgt Ion: 79 Resp: 229225
Ion Ratio Lower Upper
79 100
108 80.3 62.1 93.1
77 61.9 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.521 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 45 Resp: 422408
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.0
79 9.6 0.0 29.2

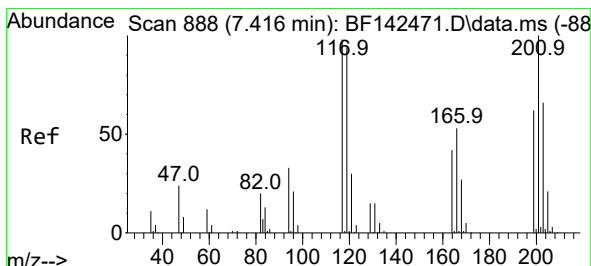
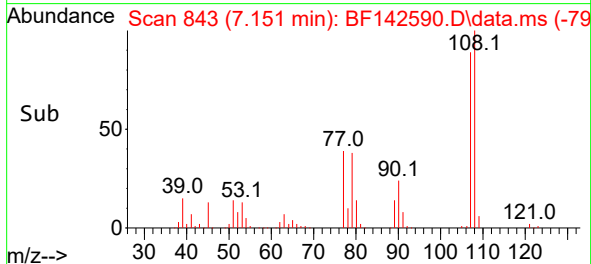
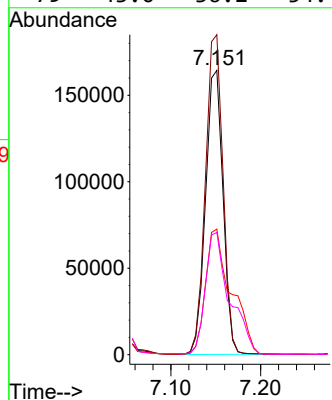
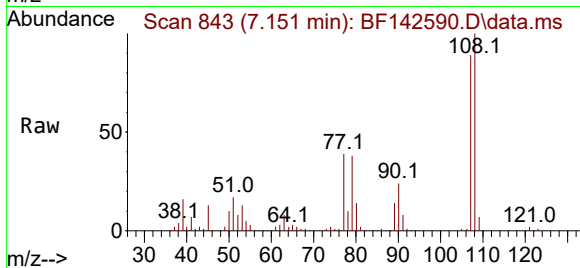




#17
2-Methylphenol
Concen: 38.986 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

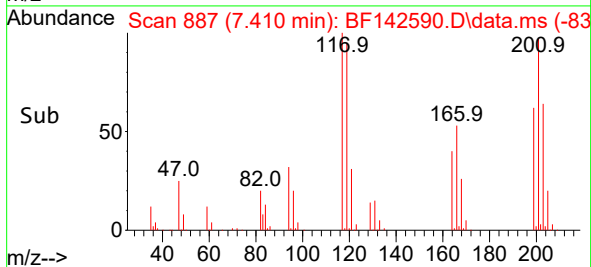
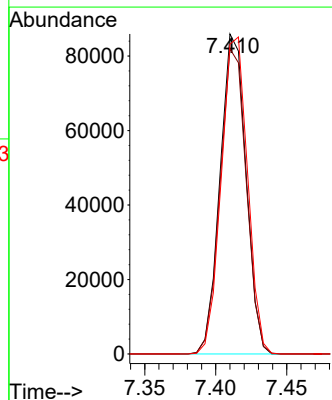
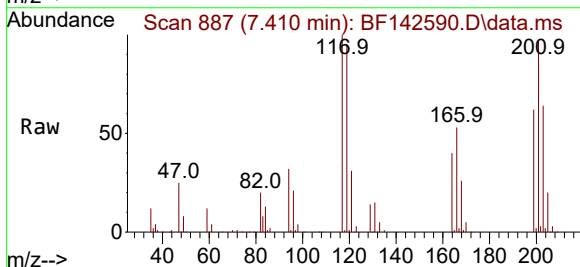
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 222036
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 44.2 36.1 54.1
79 43.0 36.2 54.4



#18
Hexachloroethane
Concen: 38.042 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:117 Resp: 108916
Ion Ratio Lower Upper
117 100
119 95.3 76.6 114.8
201 96.8 81.3 121.9



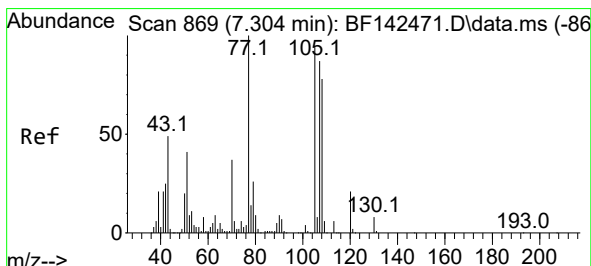
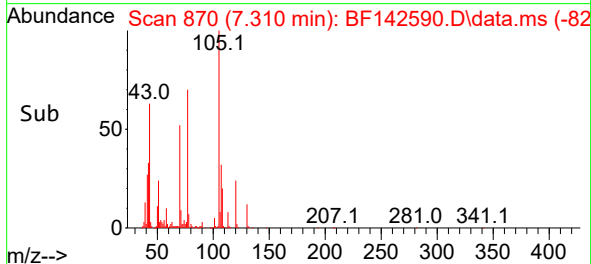
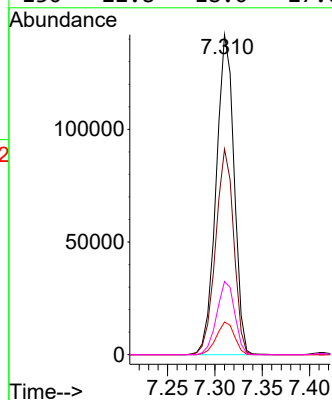
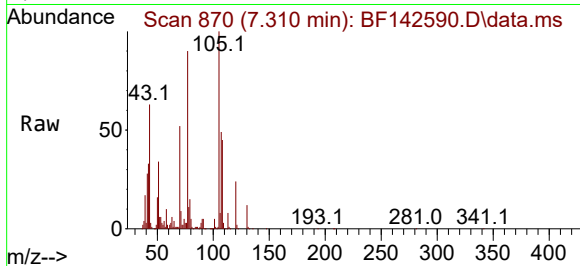


#19
n-Nitroso-di-n-propylamine
Concen: 37.435 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.018 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 187037

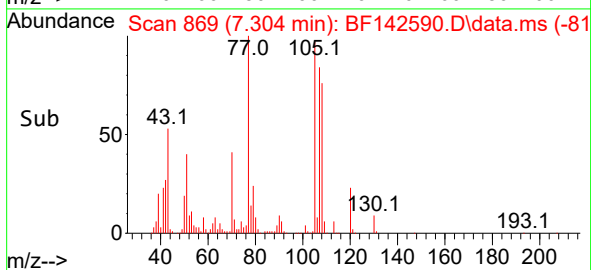
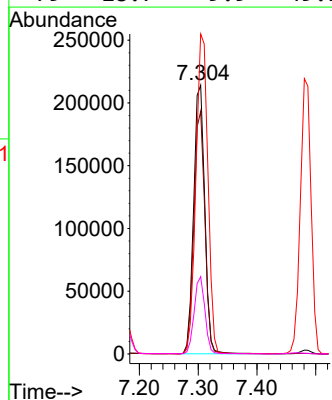
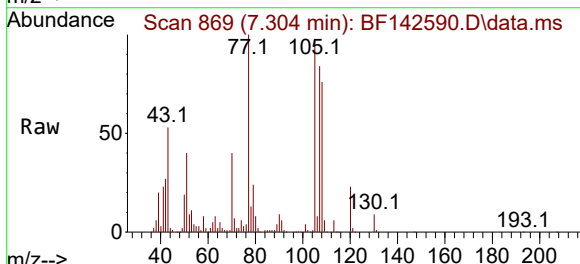
Ion	Ratio	Lower	Upper
70	100		
42	64.3	52.4	78.6
101	10.2	7.8	11.8
130	22.8	18.0	27.0

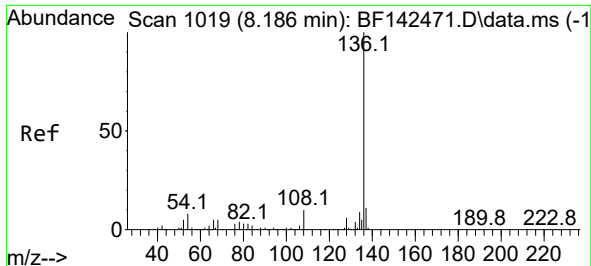


#20
3+4-Methylphenols
Concen: 38.443 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion: 107 Resp: 280371

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.4	110.4
77	119.0	95.4	135.4
79	28.7	9.9	49.9

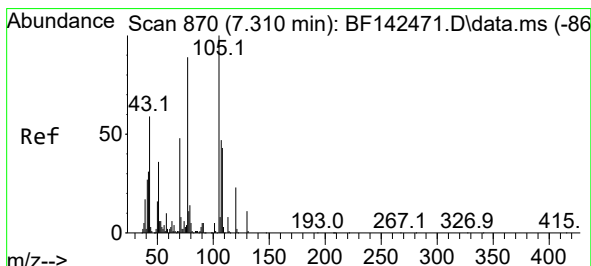
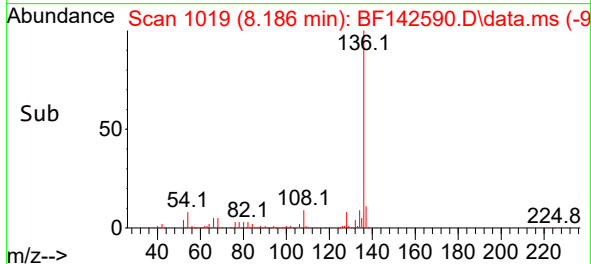
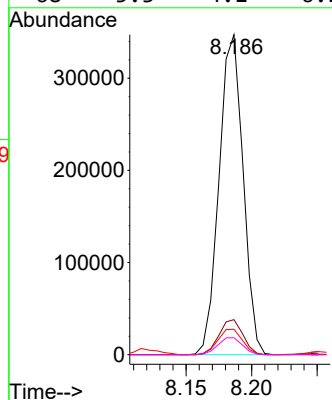
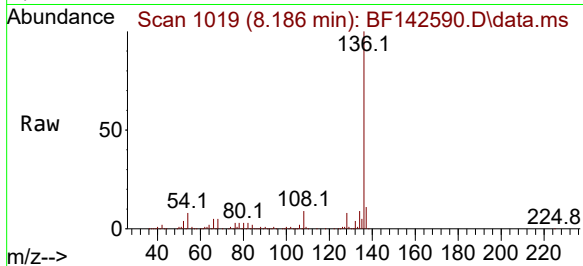




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

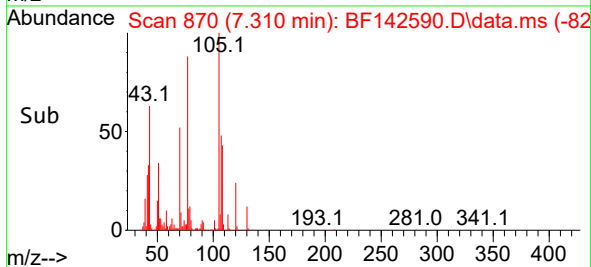
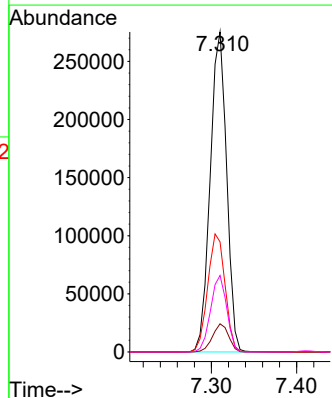
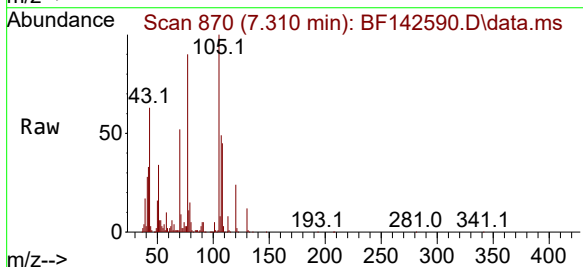
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

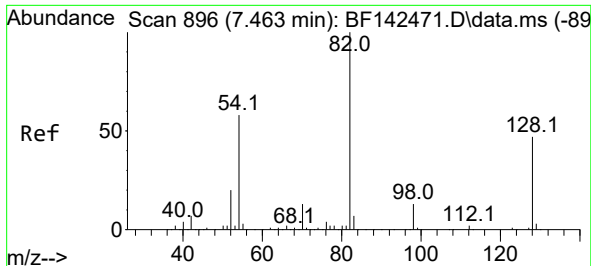
Tgt Ion:136 Resp: 441878
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.0 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 37.647 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:105 Resp: 368253
Ion Ratio Lower Upper
105 100
71 8.8 6.4 9.6
51 34.4 28.6 42.8
120 23.9 18.5 27.7





#23

Nitrobenzene-d5

Concen: 75.793 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

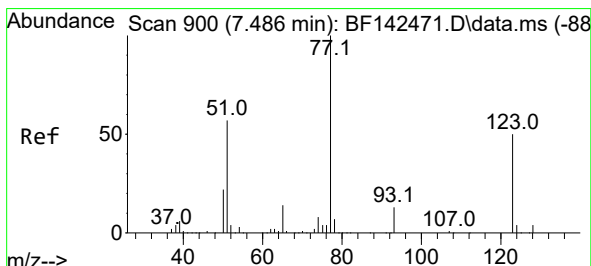
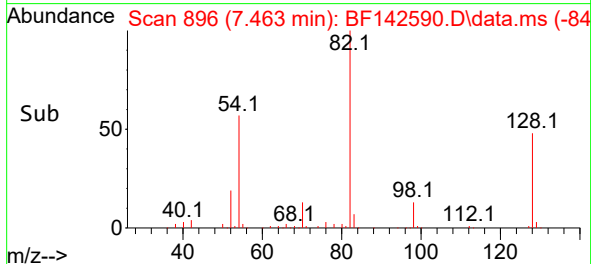
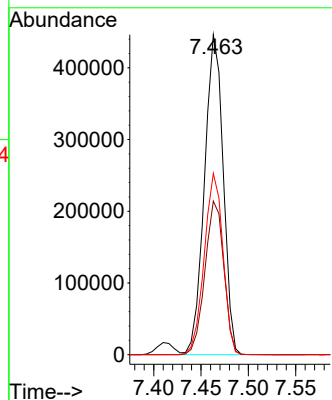
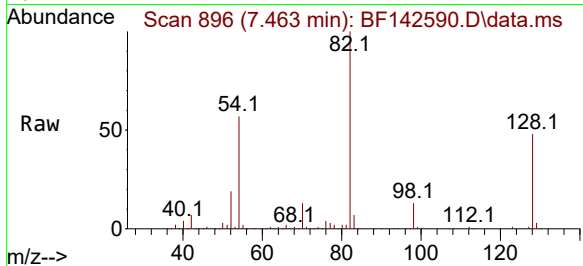
Tgt Ion: 82 Resp: 614193

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 56.7 46.6 70.0



#24

Nitrobenzene

Concen: 37.981 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

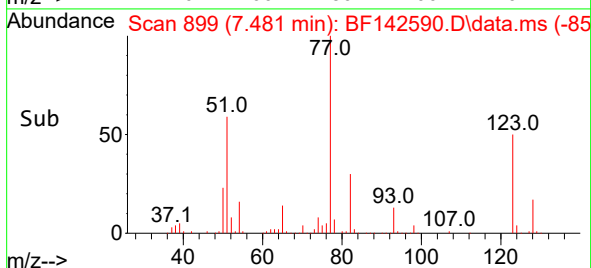
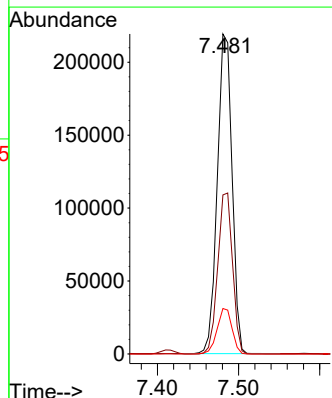
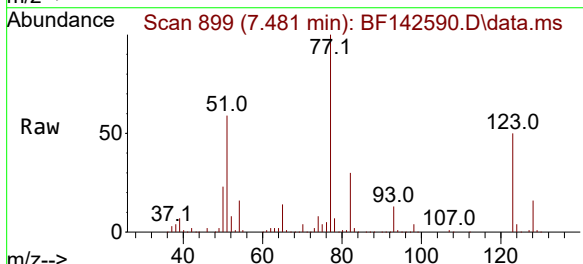
Tgt Ion: 77 Resp: 277591

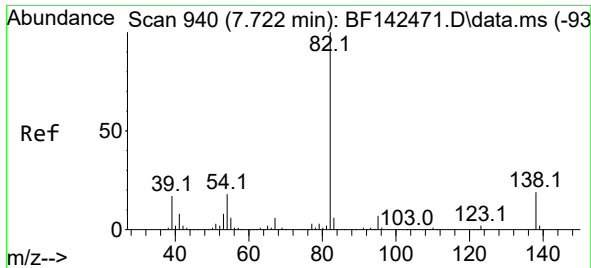
Ion Ratio Lower Upper

77 100

123 49.7 40.6 61.0

65 14.2 11.4 17.2

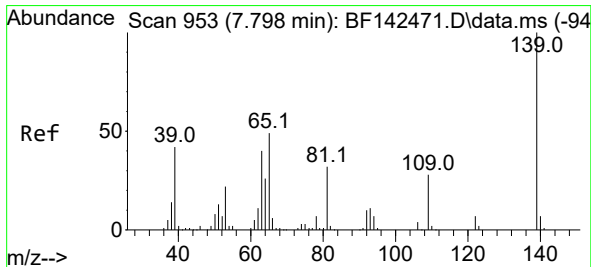
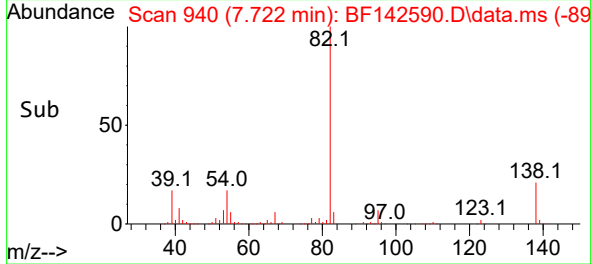
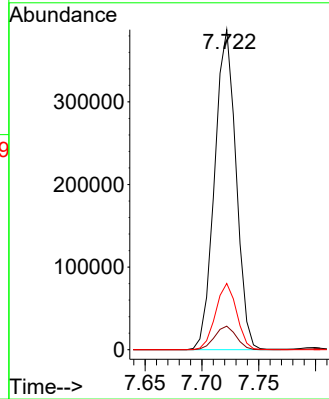
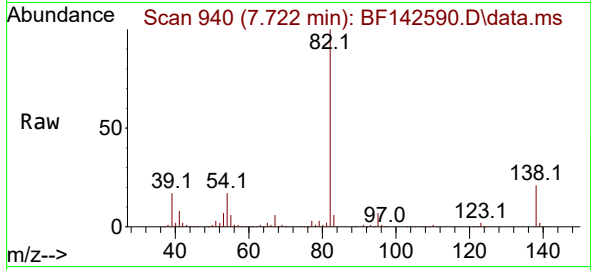




#25
Isophorone
Concen: 37.499 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

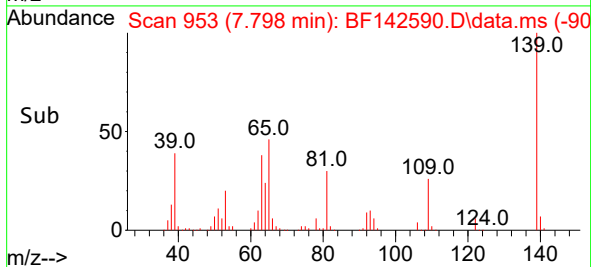
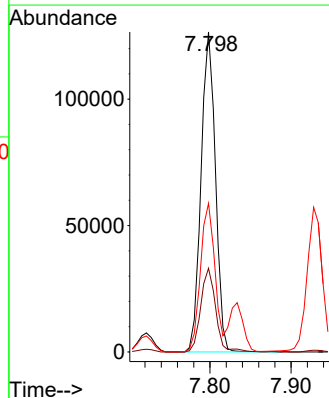
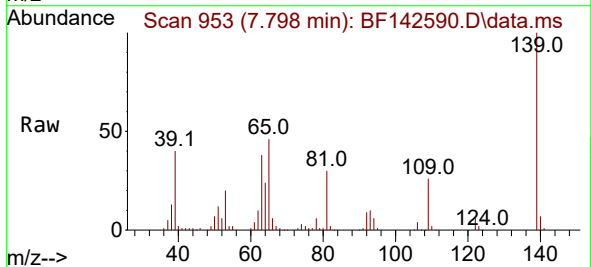
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

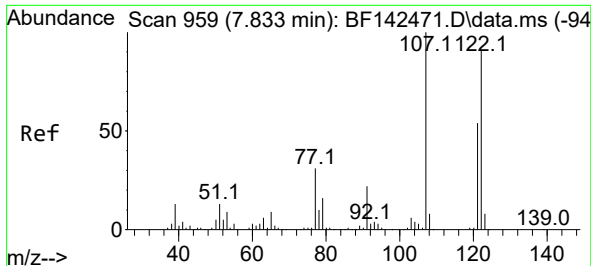
Tgt Ion: 82 Resp: 508065
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 20.7 15.5 23.3



#26
2-Nitrophenol
Concen: 39.842 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:139 Resp: 155595
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 46.5 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.389 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

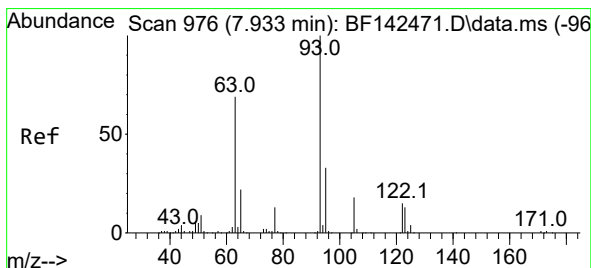
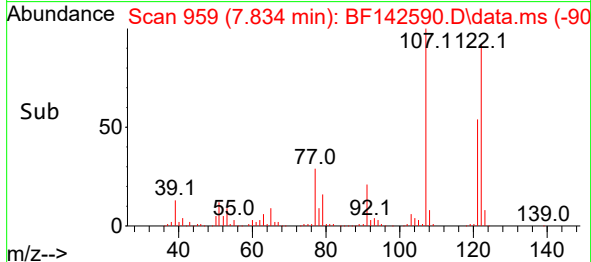
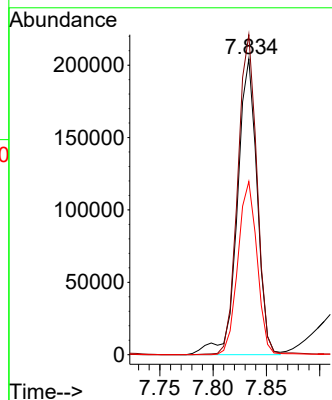
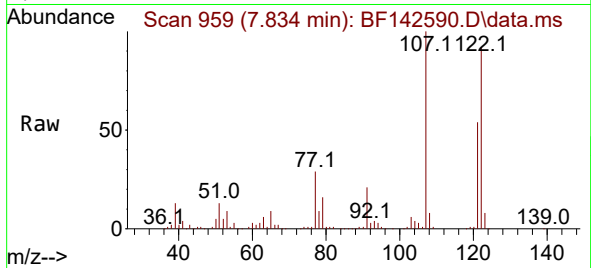
Tgt Ion:122 Resp: 264387

Ion Ratio Lower Upper

122 100

107 108.2 88.1 132.1

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 38.126 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

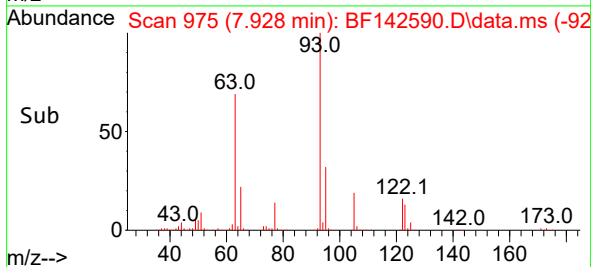
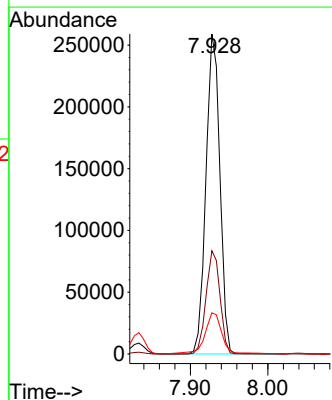
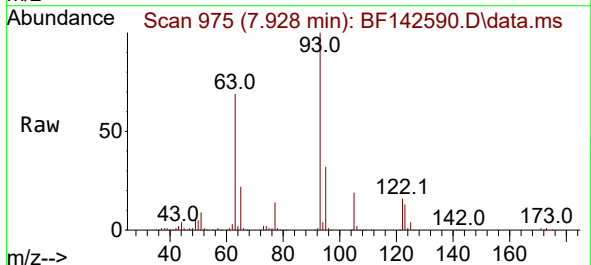
Tgt Ion: 93 Resp: 322678

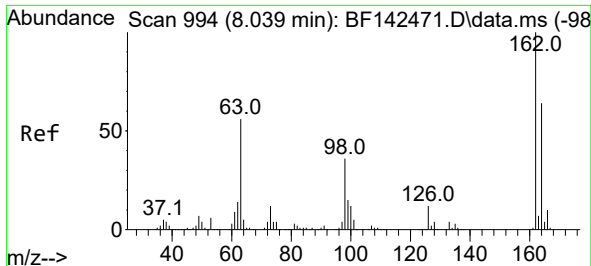
Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 38.802 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

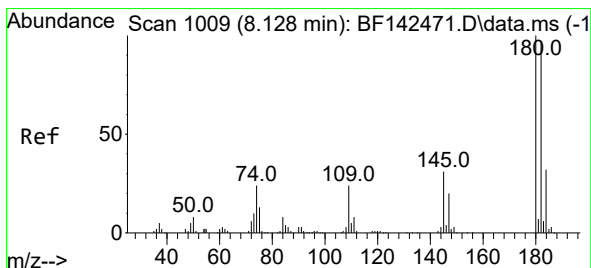
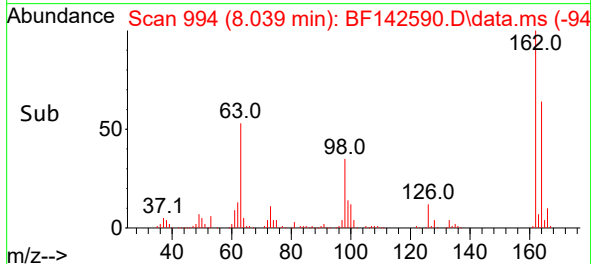
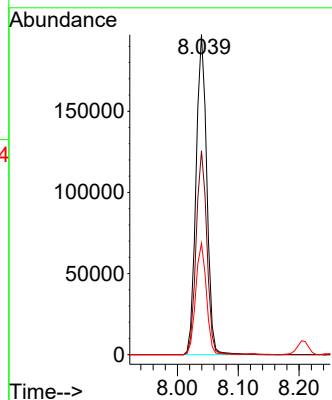
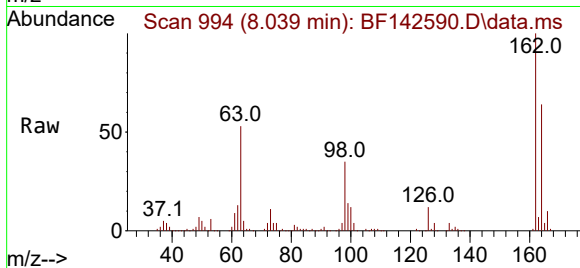
Tgt Ion:162 Resp: 243024

Ion Ratio Lower Upper

162 100

164 63.7 43.7 83.7

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 38.470 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

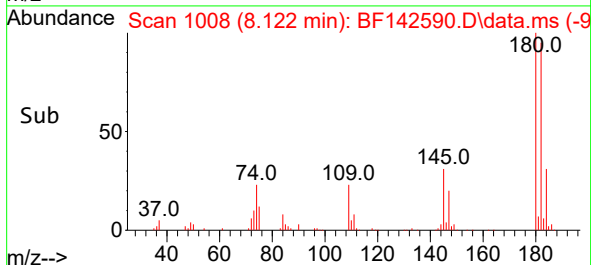
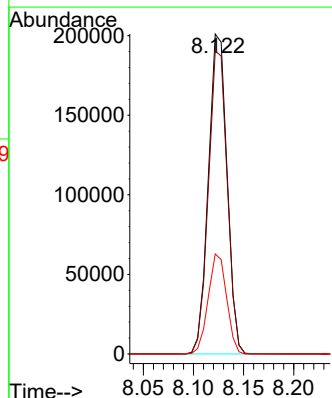
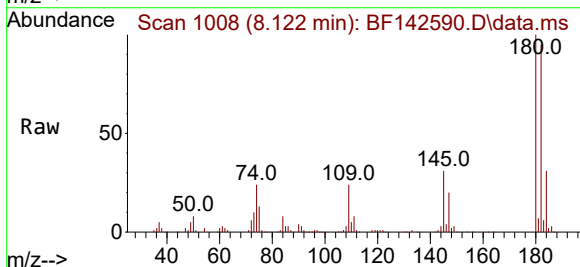
Tgt Ion:180 Resp: 261489

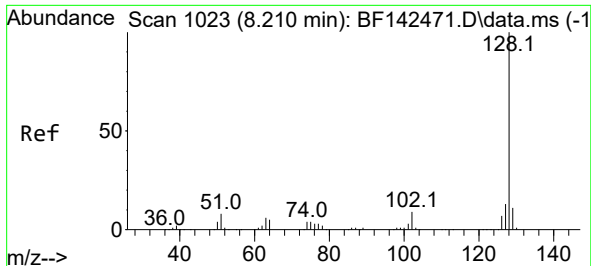
Ion Ratio Lower Upper

180 100

182 94.7 78.0 117.0

145 31.3 25.0 37.6

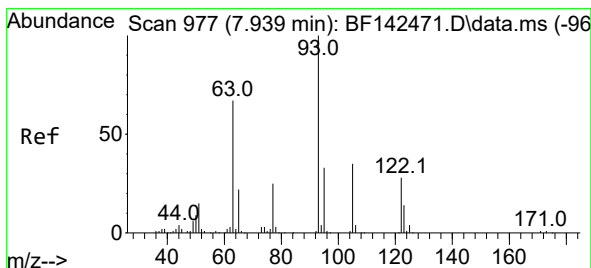
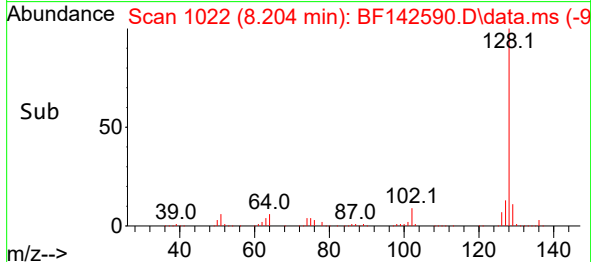
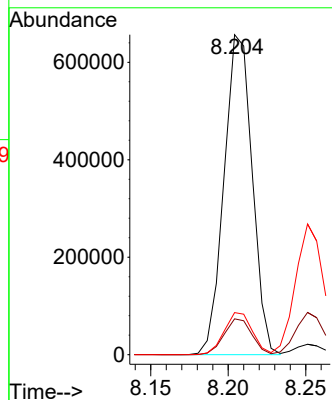
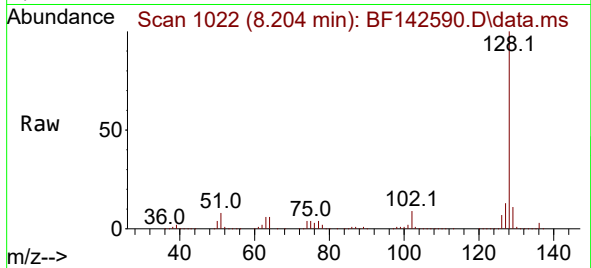




#31
Naphthalene
Concen: 38.160 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

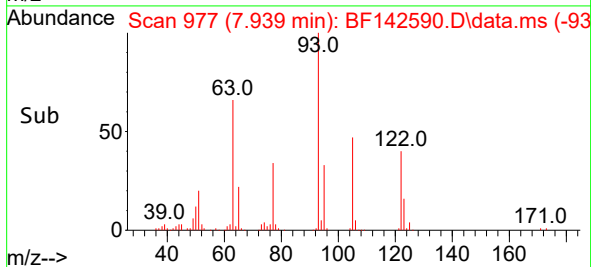
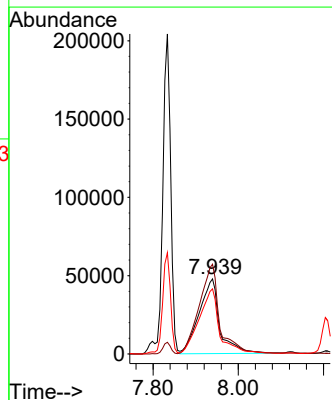
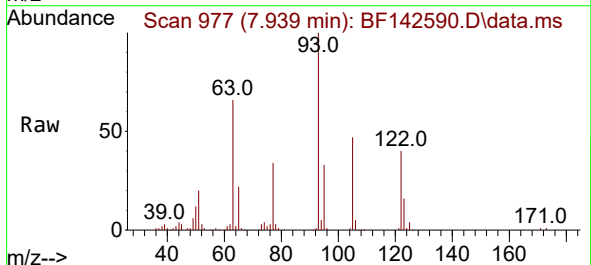
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

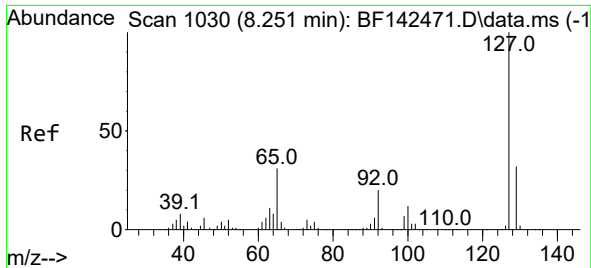
Tgt Ion:128 Resp: 830285
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 38.227 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:122 Resp: 160260
Ion Ratio Lower Upper
122 100
105 119.5 101.7 141.7
77 86.6 69.5 109.5

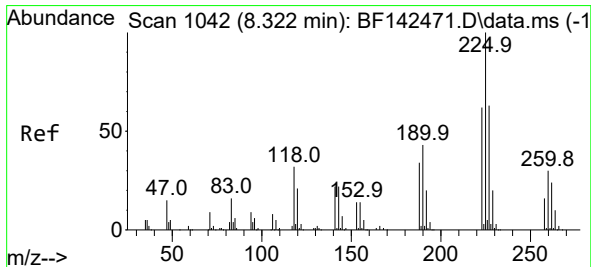
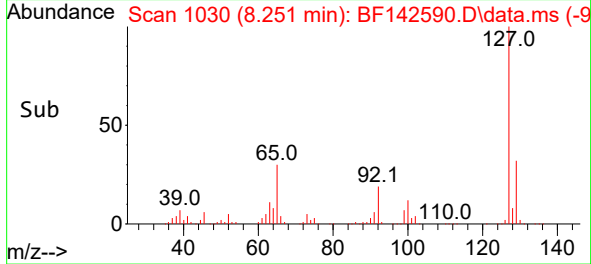
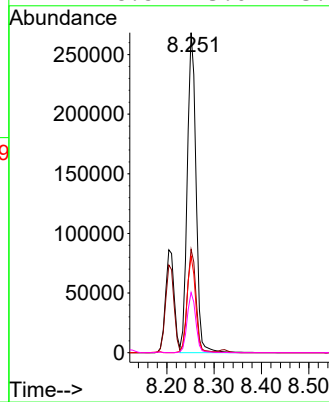
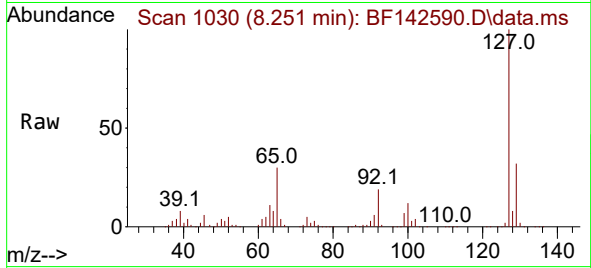




#33
4-Chloroaniline
Concen: 38.998 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

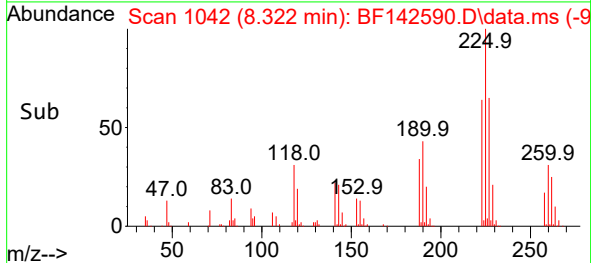
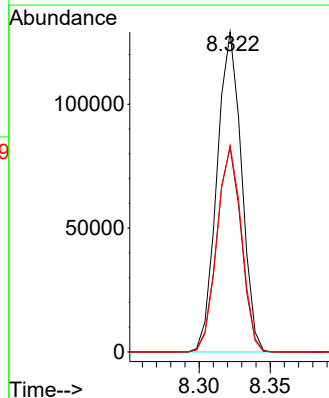
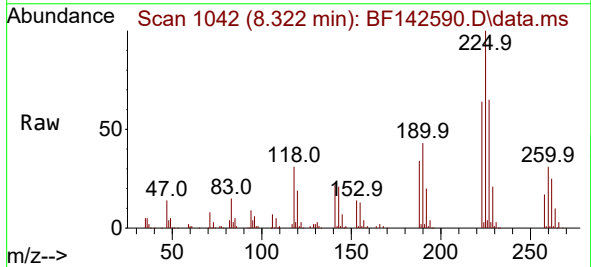
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

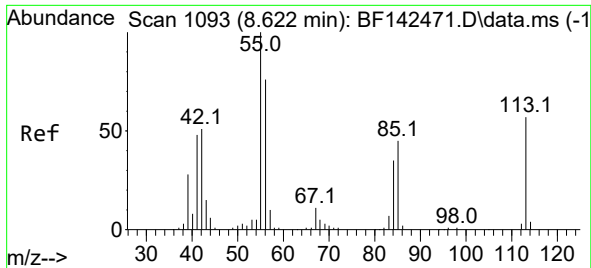
Tgt Ion:	127	Resp:	343825
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	30.2	24.9	37.3
92	18.8	15.6	23.4



#34
Hexachlorobutadiene
Concen: 36.459 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:	225	Resp:	154741
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	64.6	50.3	75.5

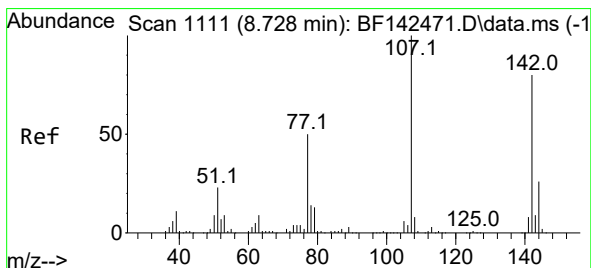
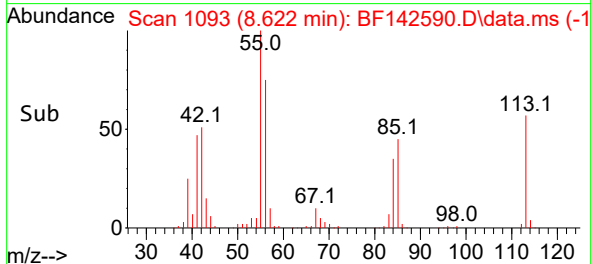
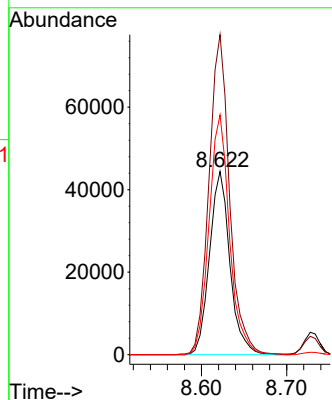
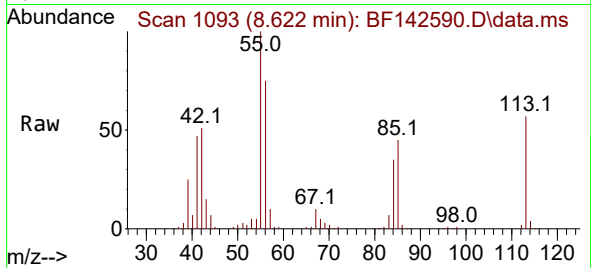




#35
 Caprolactam
 Concen: 41.974 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

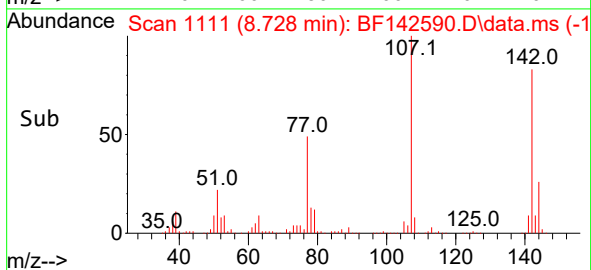
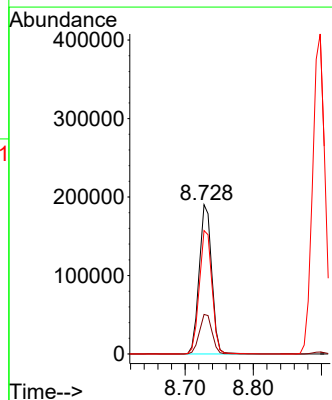
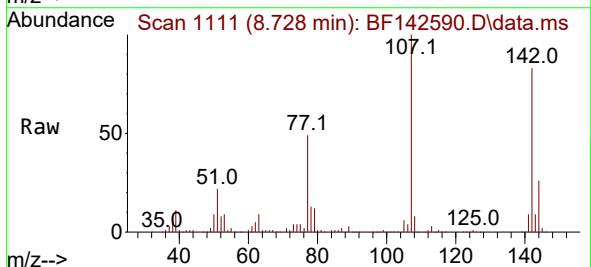
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

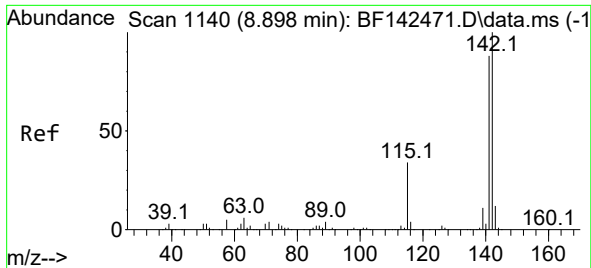
Tgt Ion:113 Resp: 73834
 Ion Ratio Lower Upper
 113 100
 55 174.6 154.7 194.7
 56 130.9 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 37.891 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

Tgt Ion:107 Resp: 243211
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.9 31.3
 142 82.6 64.2 96.2

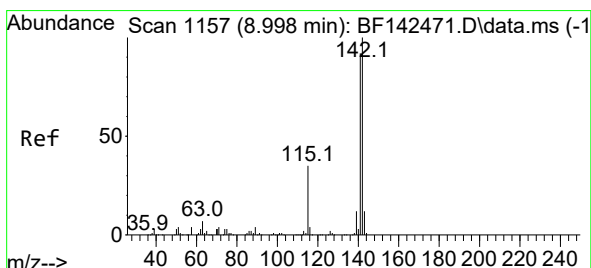
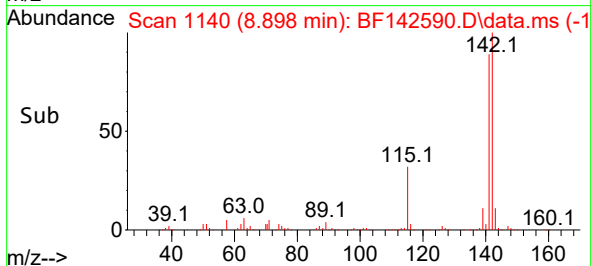
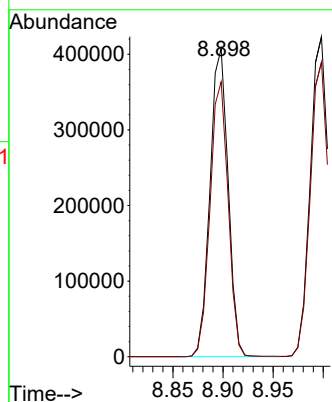
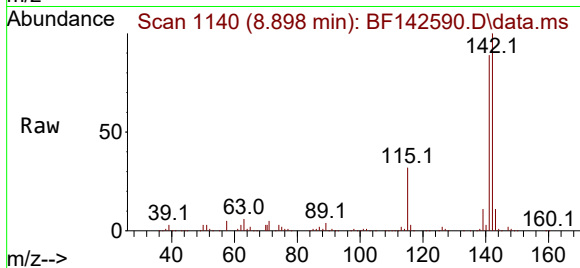




#37
2-Methylnaphthalene
Concen: 37.513 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

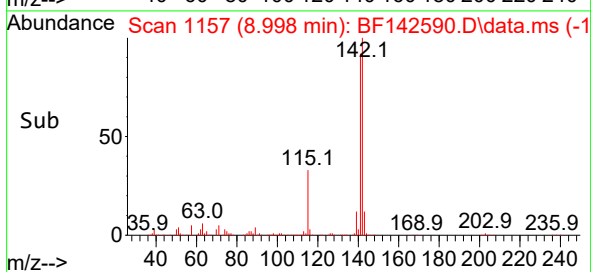
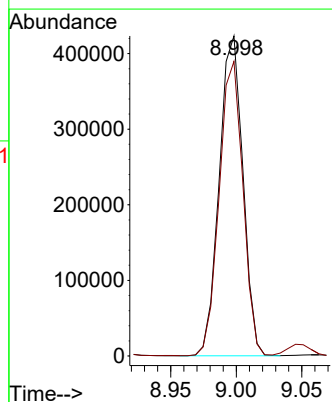
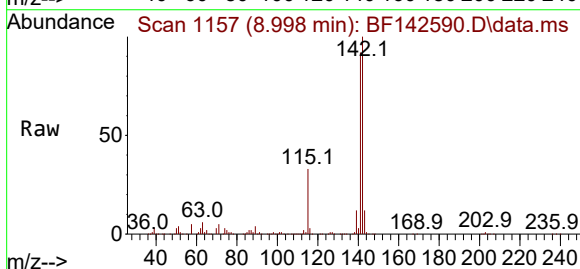
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

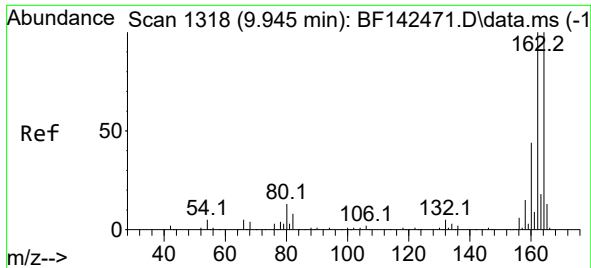
Tgt Ion:142 Resp: 513490
Ion Ratio Lower Upper
142 100
141 89.2 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.476 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:142 Resp: 530617
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.2

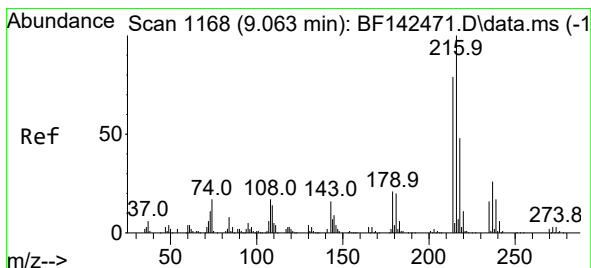
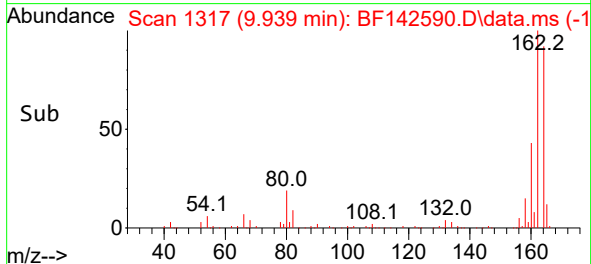
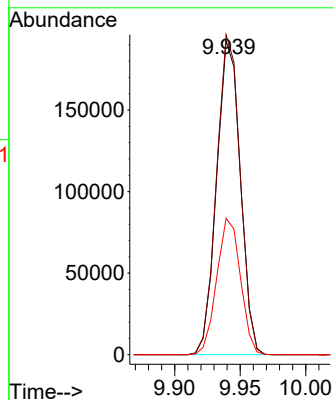
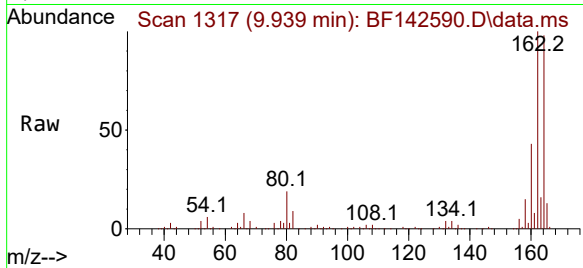




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

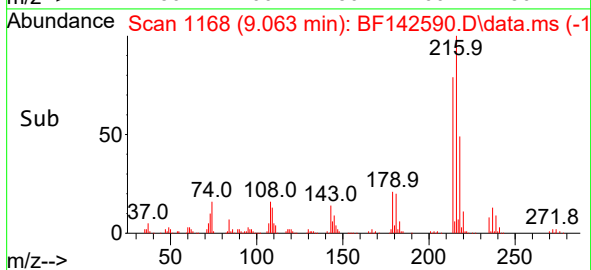
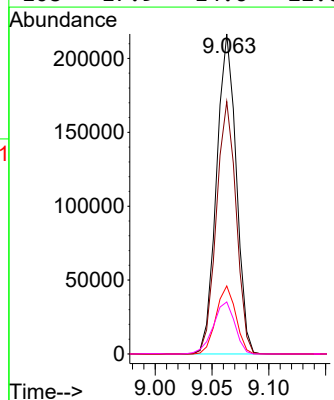
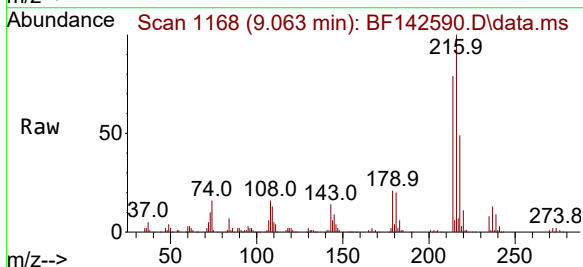
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

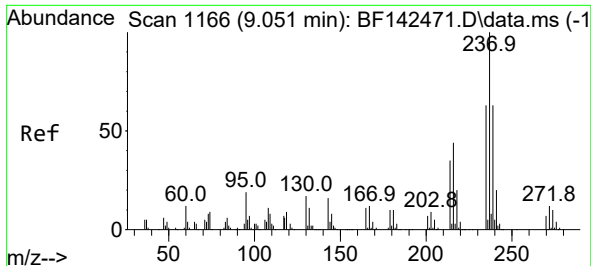
Tgt Ion:164 Resp: 241388
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.4
160 43.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.735 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:216 Resp: 261475
Ion Ratio Lower Upper
216 100
214 78.8 62.9 94.3
179 21.2 16.9 25.3
108 17.9 14.6 22.0

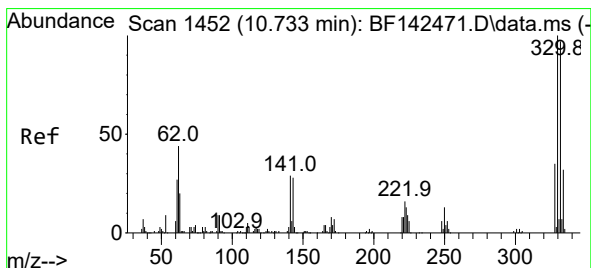
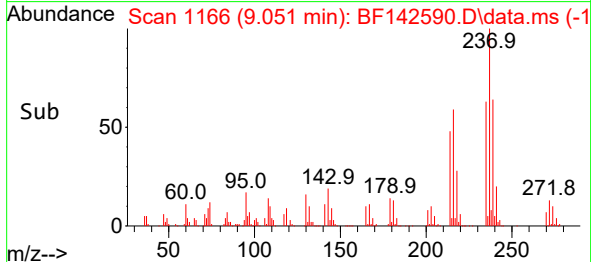
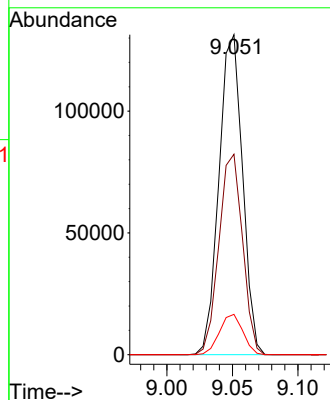
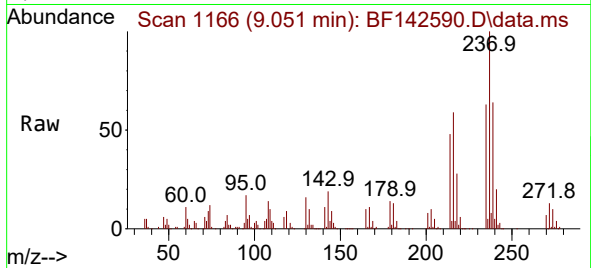




#41
Hexachlorocyclopentadiene
Concen: 35.099 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

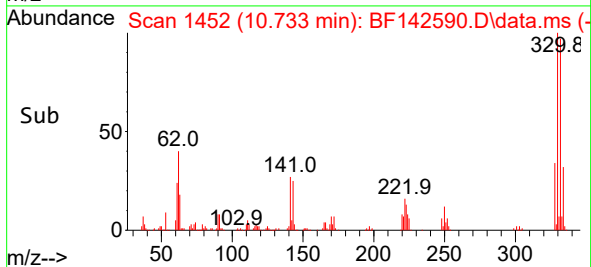
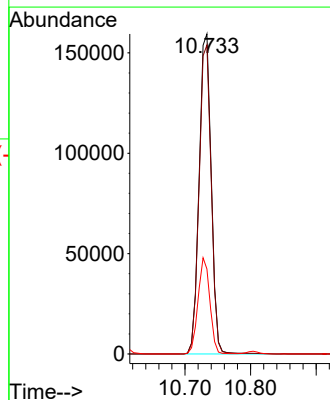
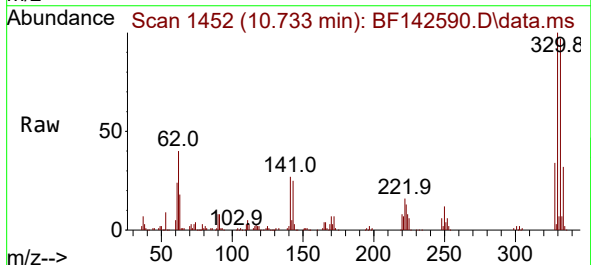
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 164068
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 76.490 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:330 Resp: 204924
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 29.4 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 37.821 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

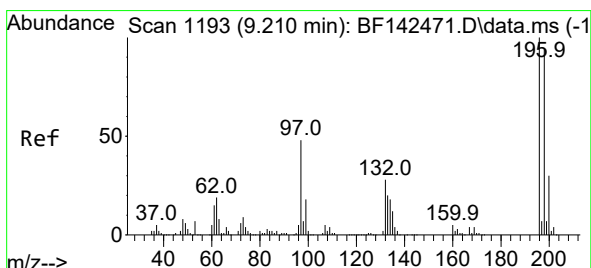
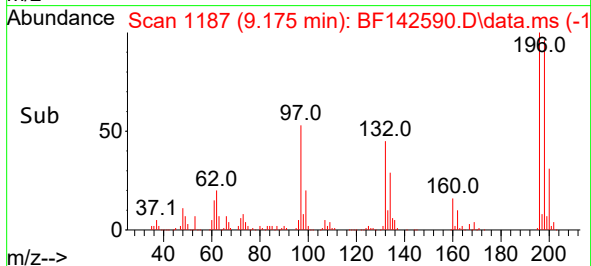
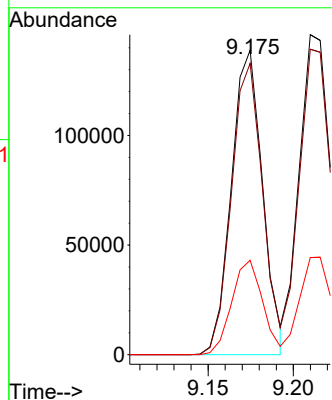
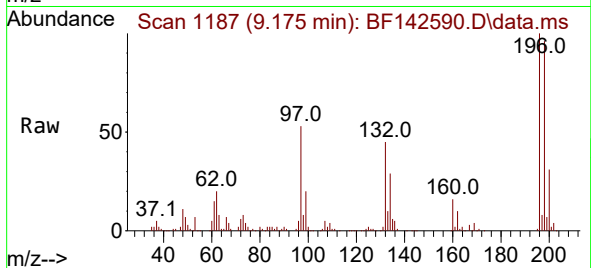
Tgt Ion:196 Resp: 176717

Ion Ratio Lower Upper

196 100

198 95.7 78.8 118.2

200 31.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 38.794 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Tgt Ion:196 Resp: 191168

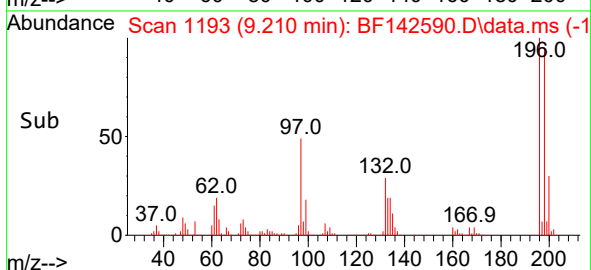
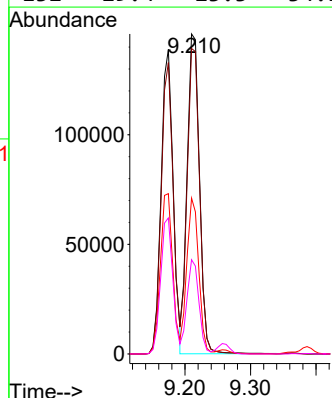
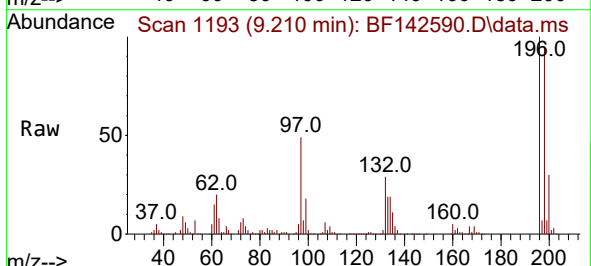
Ion Ratio Lower Upper

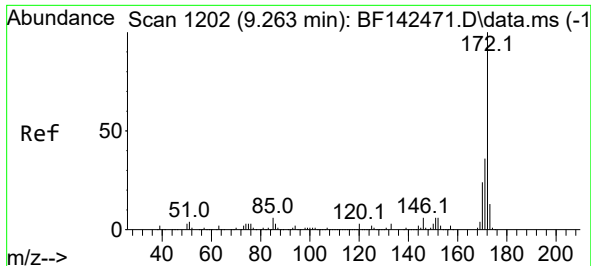
196 100

198 95.4 75.5 113.3

97 48.7 39.3 58.9

132 29.4 23.3 34.9

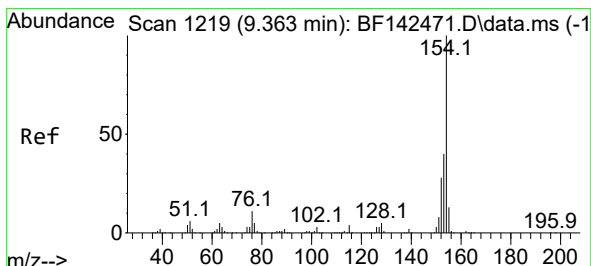
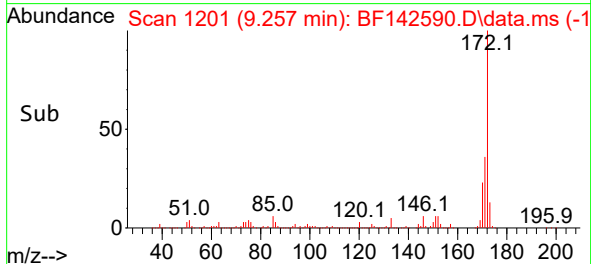
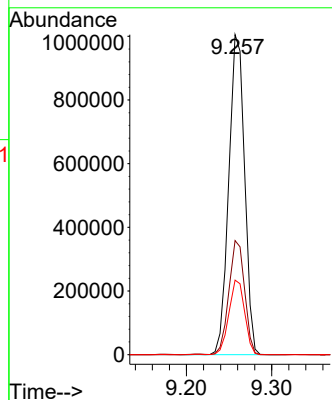
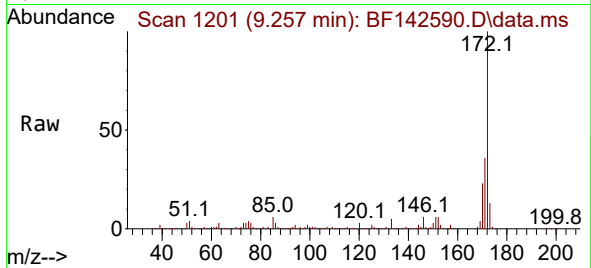




#45
2-Fluorobiphenyl
Concen: 71.981 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

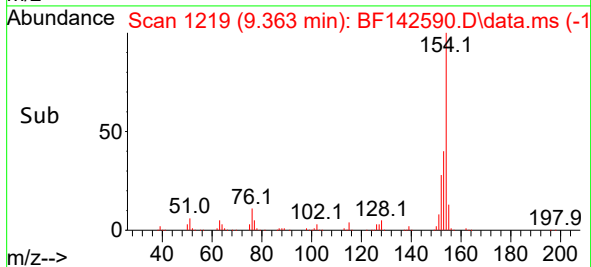
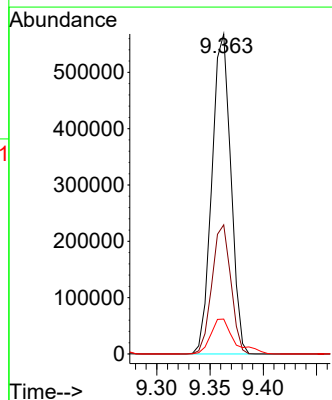
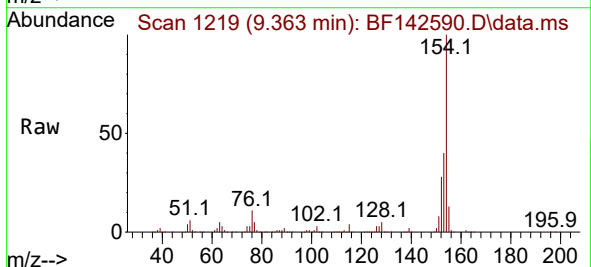
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

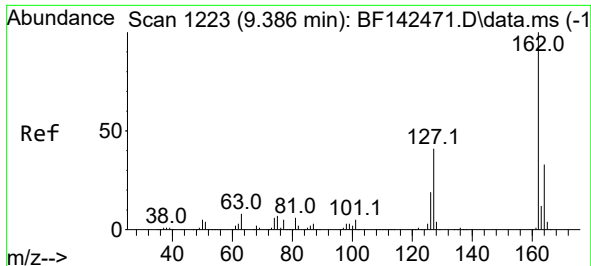
Tgt Ion:172 Resp: 1294863
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.504 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:154 Resp: 702351
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 37.693 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

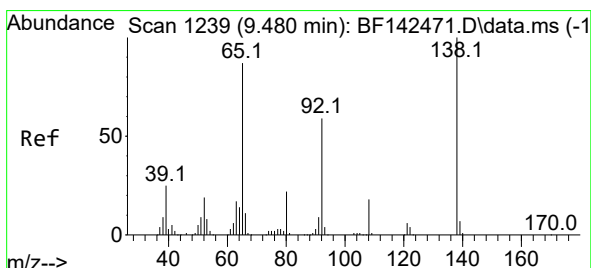
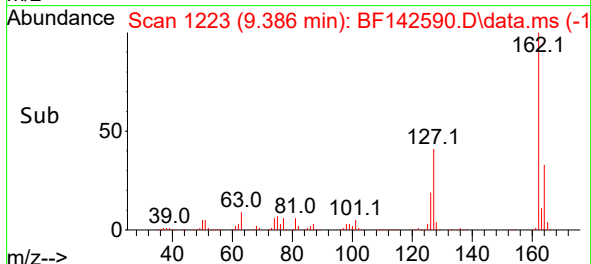
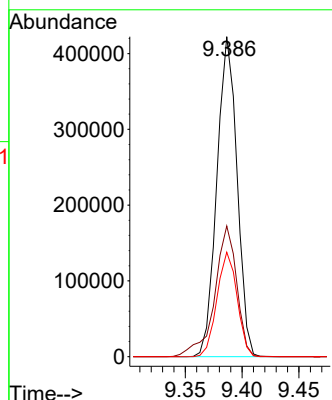
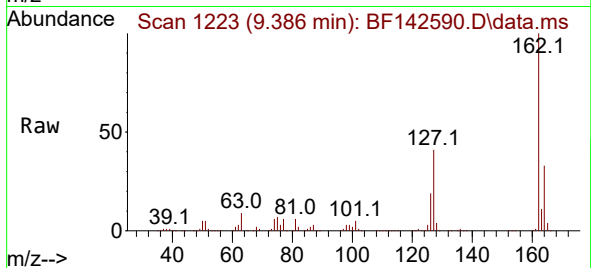
Tgt Ion:162 Resp: 521535

Ion Ratio Lower Upper

162 100

127 40.8 33.5 50.3

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.199 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

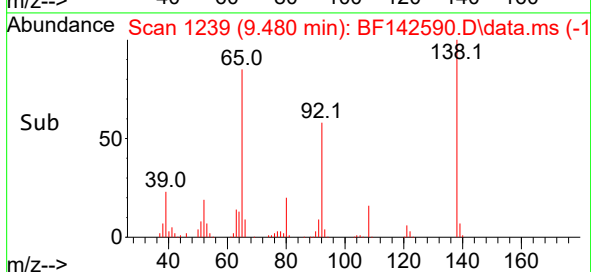
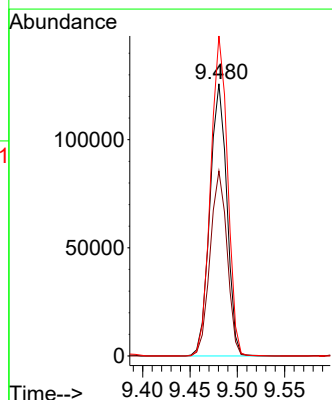
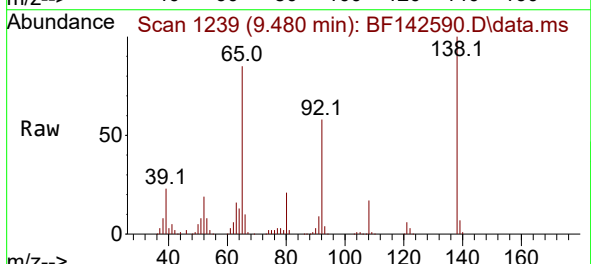
Tgt Ion: 65 Resp: 156771

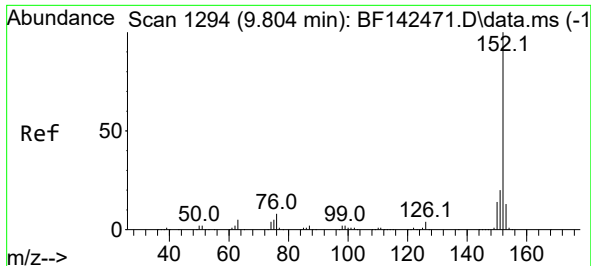
Ion Ratio Lower Upper

65 100

92 68.0 54.4 81.6

138 117.6 91.4 137.2





#49

Acenaphthylene

Concen: 37.812 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

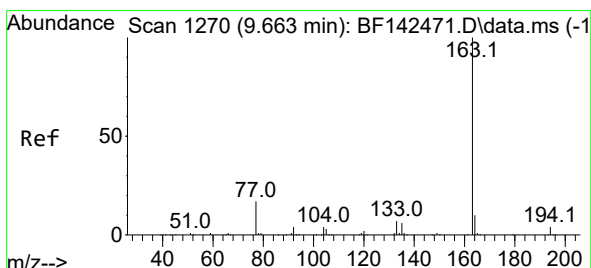
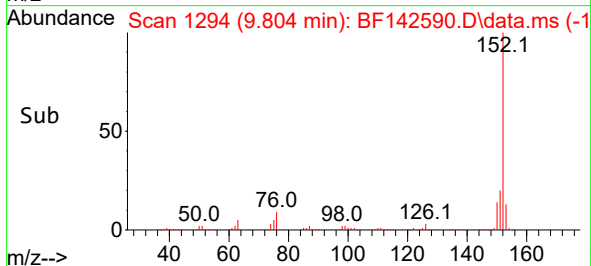
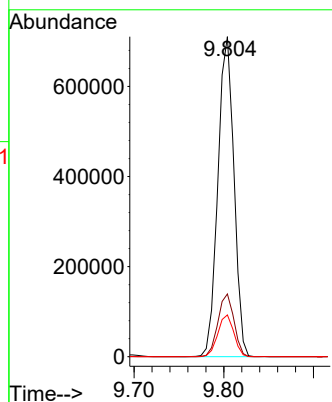
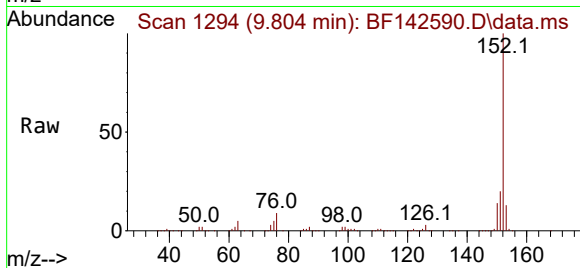
Tgt Ion:152 Resp: 883436

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 38.278 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

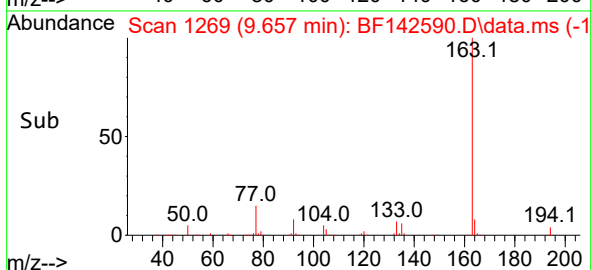
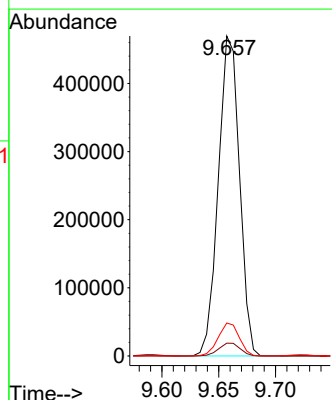
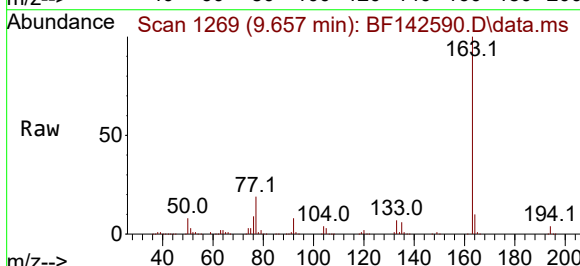
Tgt Ion:163 Resp: 609673

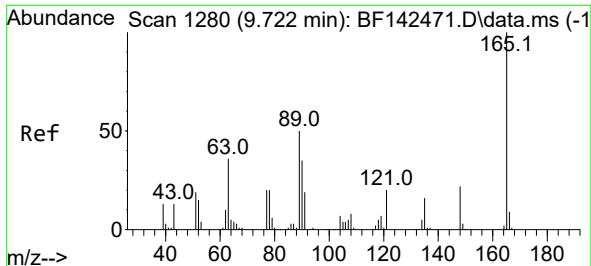
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.2 12.4

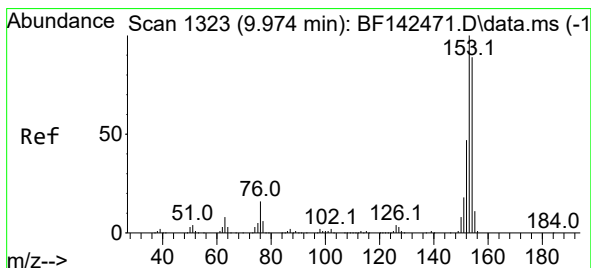
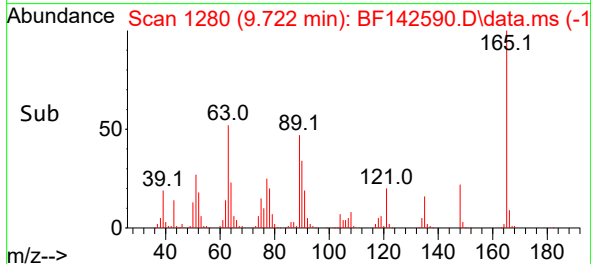
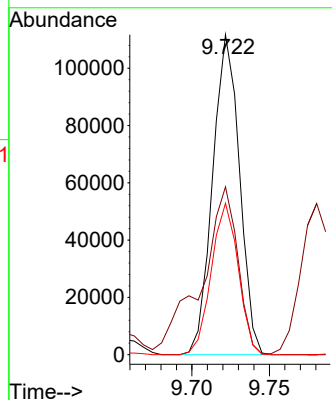
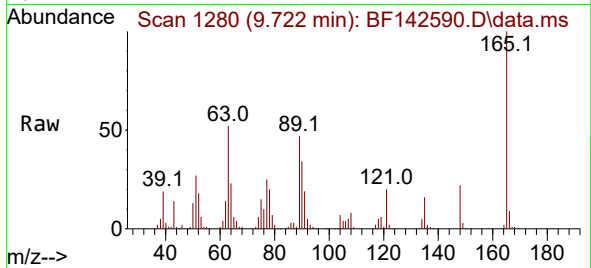




#51
2,6-Dinitrotoluene
Concen: 39.122 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

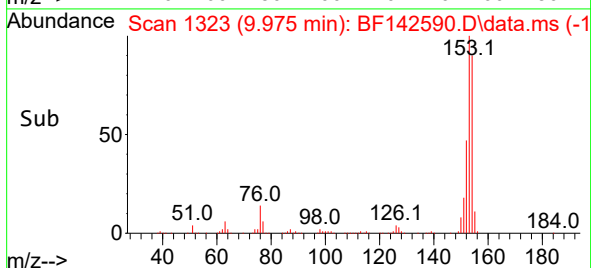
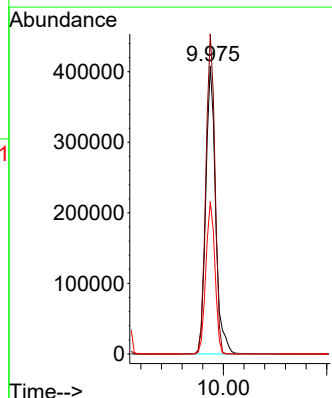
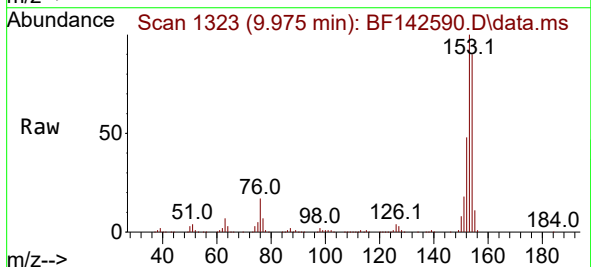
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

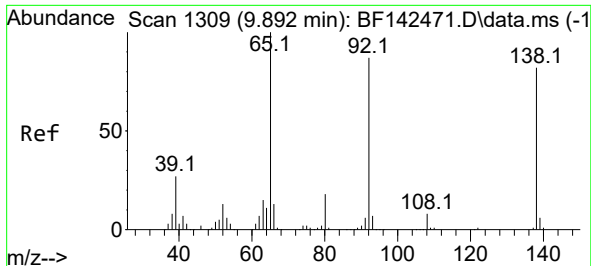
Tgt Ion:165 Resp: 134489
Ion Ratio Lower Upper
165 100
63 52.4 42.9 64.3
89 47.3 40.2 60.4



#52
Acenaphthene
Concen: 37.817 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:154 Resp: 539520
Ion Ratio Lower Upper
154 100
153 111.1 90.0 135.0
152 52.9 42.6 64.0

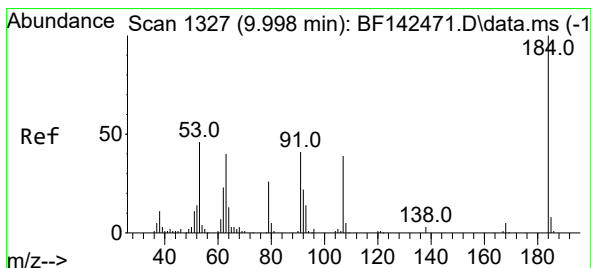
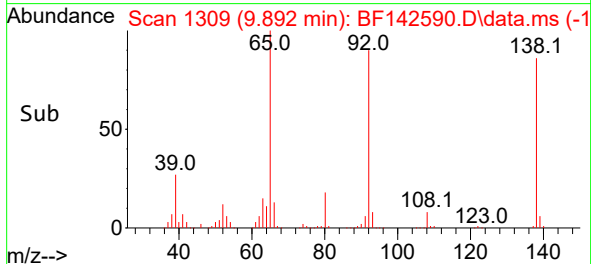
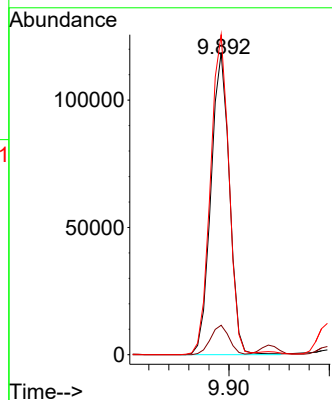
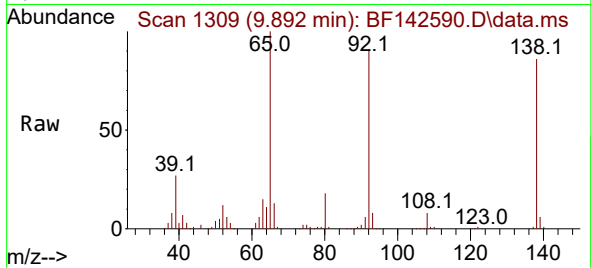




#53
3-Nitroaniline
Concen: 40.472 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

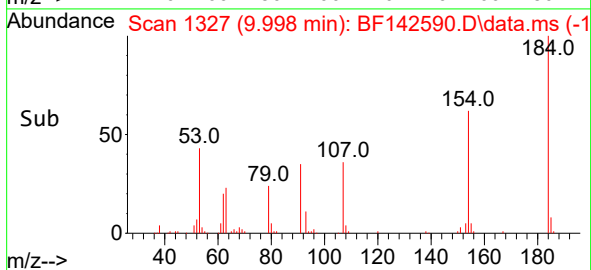
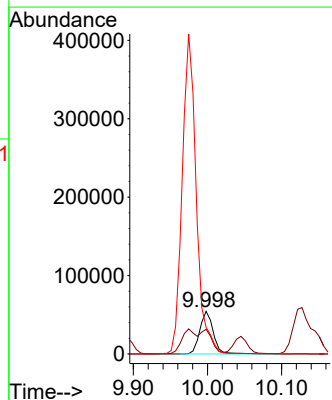
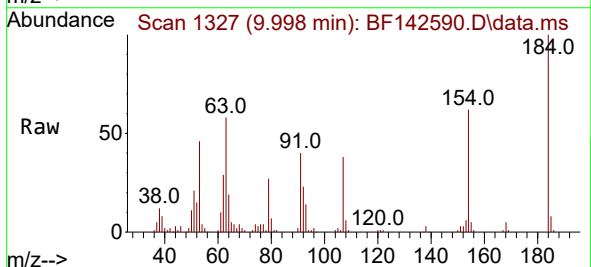
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

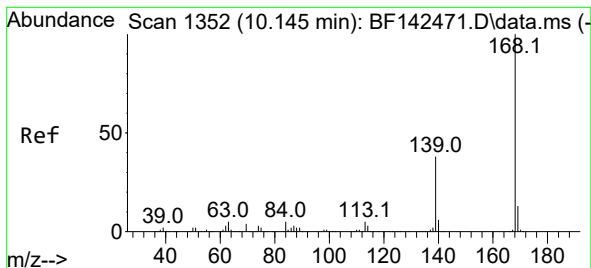
Tgt Ion:138 Resp: 151962
Ion Ratio Lower Upper
138 100
108 9.7 8.1 12.1
92 106.0 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 38.796 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:184 Resp: 68903
Ion Ratio Lower Upper
184 100
63 57.9 46.3 69.5
154 62.3 56.8 85.2

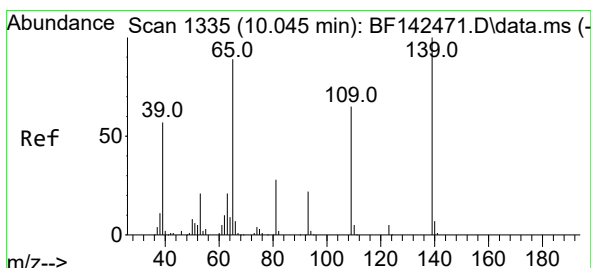
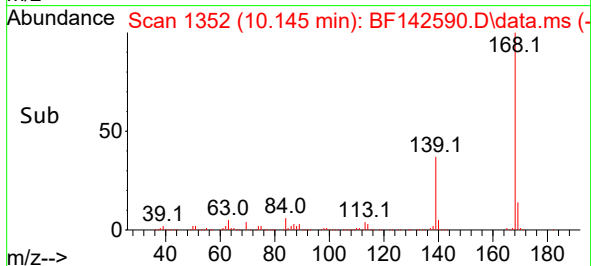
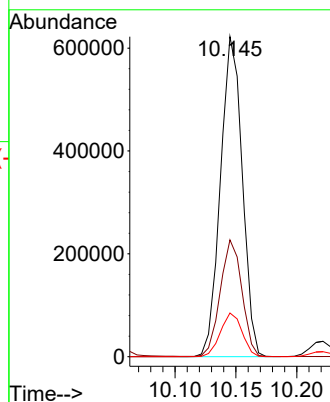
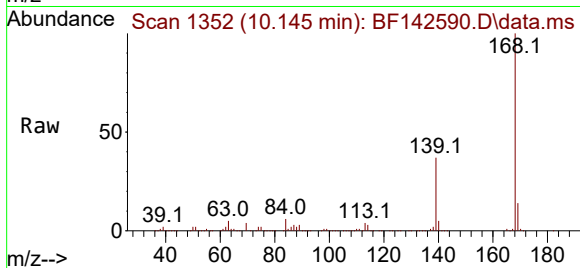




#55
Dibenzofuran
Concen: 37.777 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

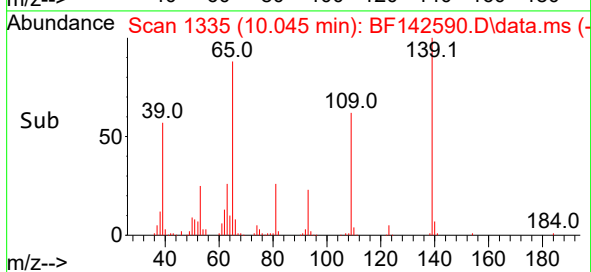
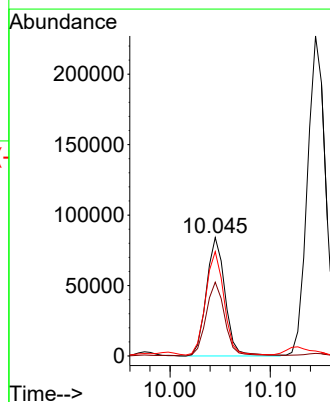
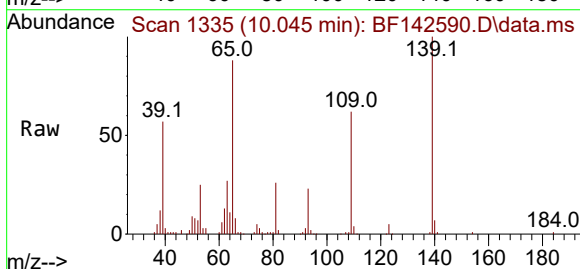
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

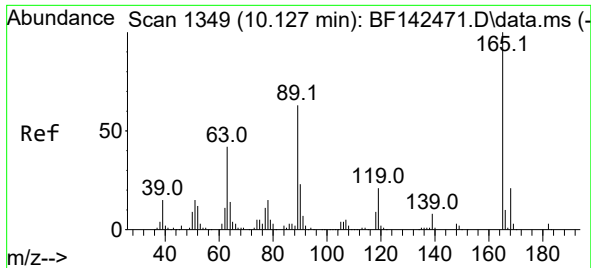
Tgt Ion:168 Resp: 775550
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 39.507 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:139 Resp: 109452
Ion Ratio Lower Upper
139 100
109 62.3 45.1 85.1
65 88.1 69.7 109.7

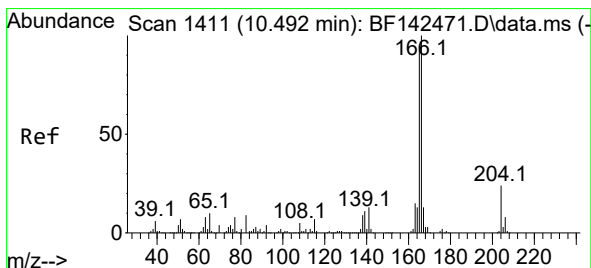
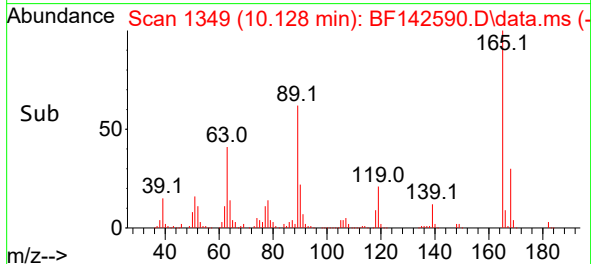
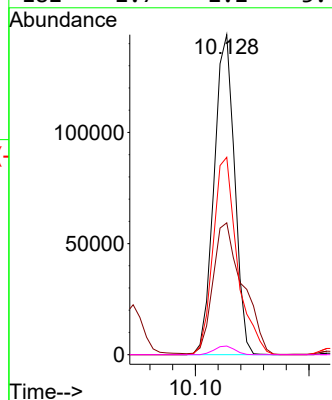
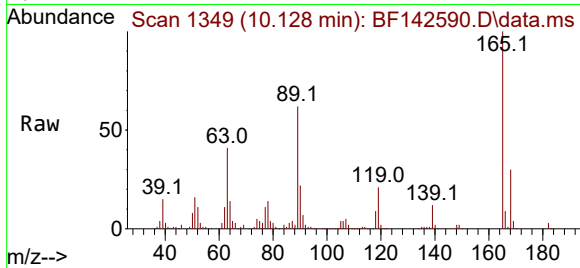




#57
2,4-Dinitrotoluene
Concen: 40.236 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

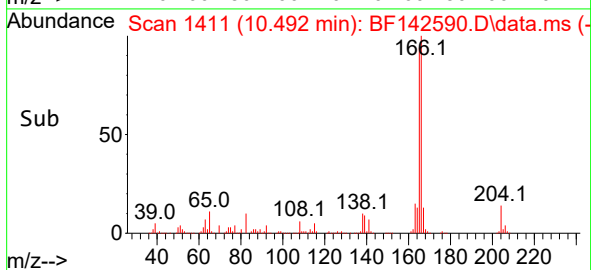
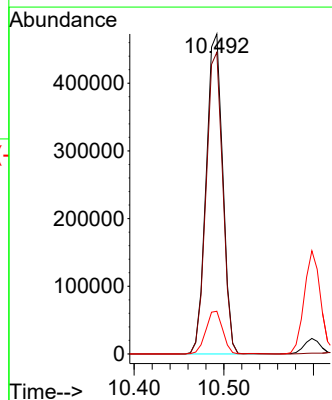
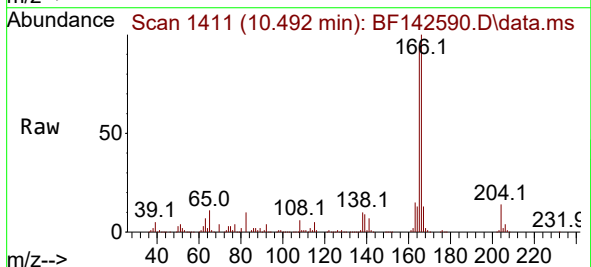
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

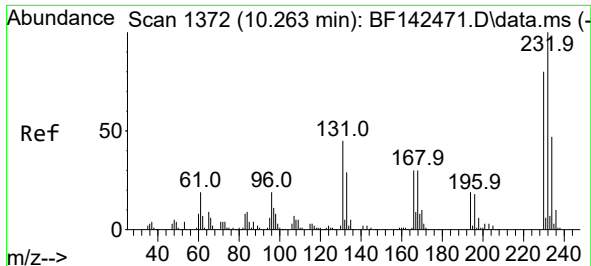
Tgt Ion:165 Resp: 180640
Ion Ratio Lower Upper
165 100
63 41.2 33.6 50.4
89 61.7 50.2 75.4
182 2.7 2.2 3.4



#58
Fluorene
Concen: 38.259 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:166 Resp: 606801
Ion Ratio Lower Upper
166 100
165 94.2 75.8 113.8
167 13.3 10.6 16.0

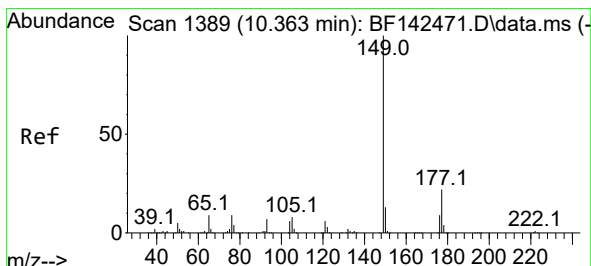
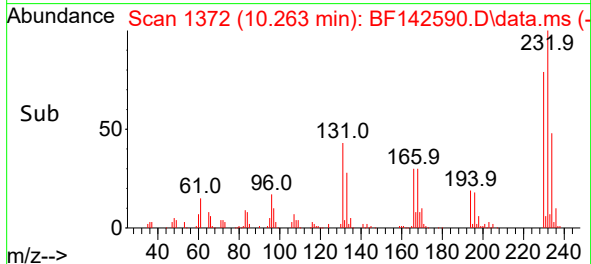
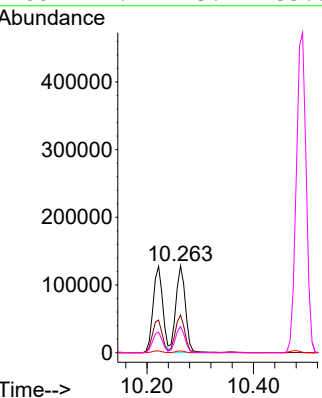
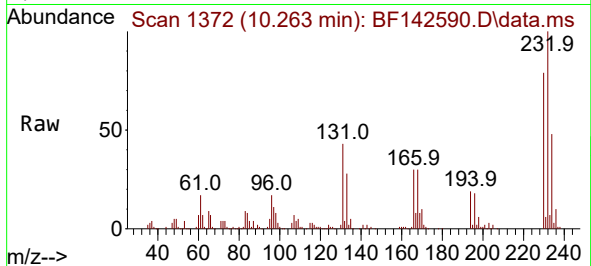




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.192 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

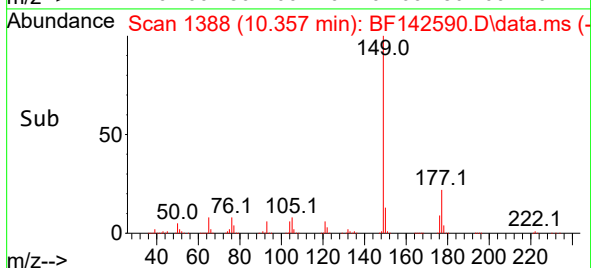
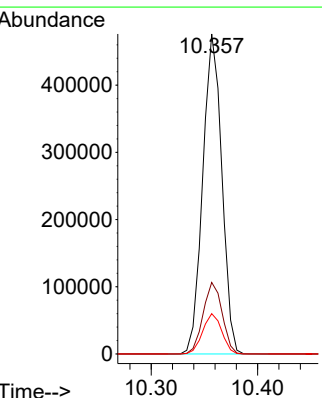
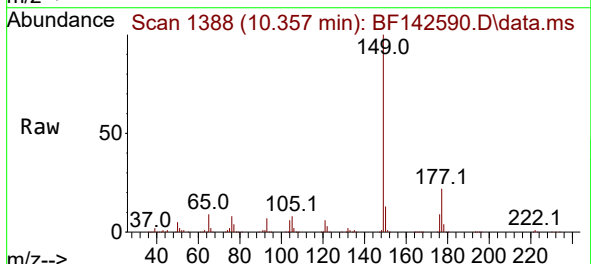
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

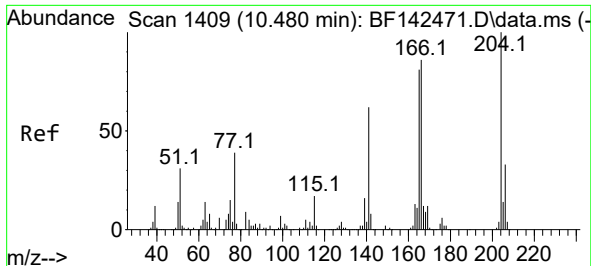
Tgt Ion:232 Resp: 161231
Ion Ratio Lower Upper
232 100
131 43.1 35.2 52.8
130 2.0 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 38.041 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:149 Resp: 591746
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.6 10.1 15.1

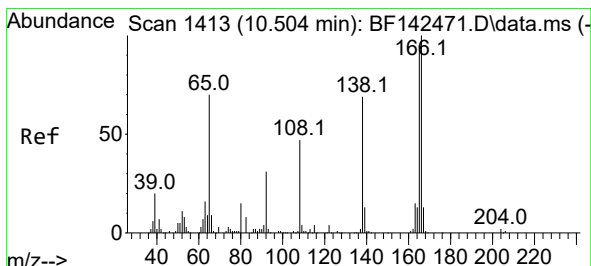
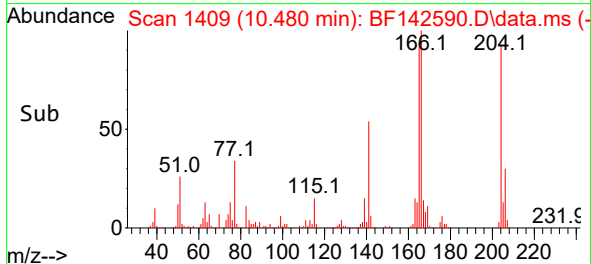
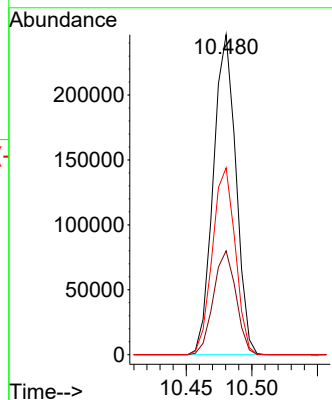
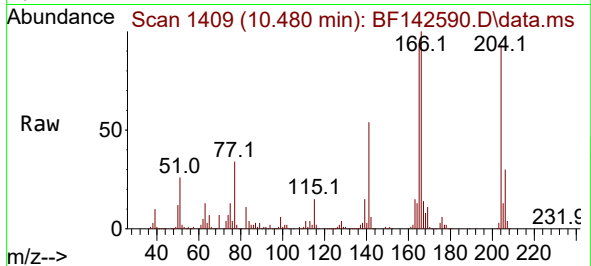




#61
4-Chlorophenyl-phenylether
Concen: 37.917 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

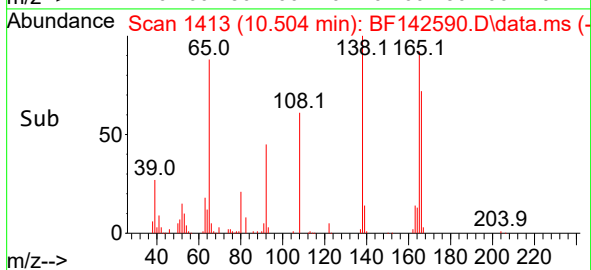
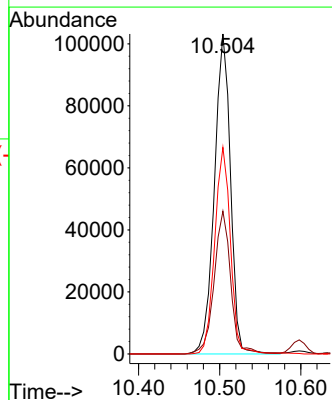
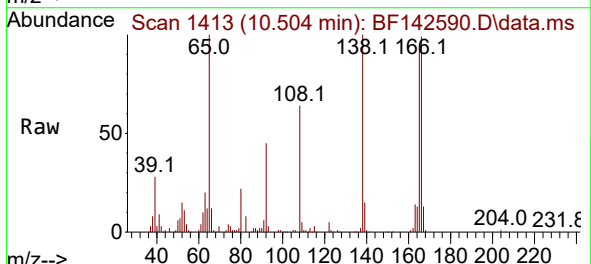
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

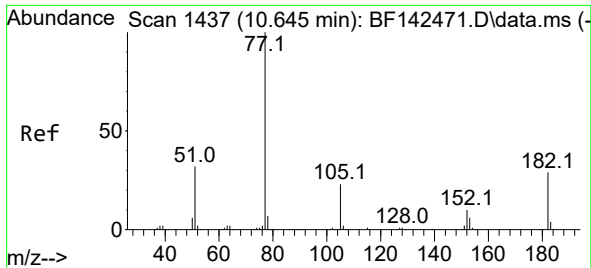
Tgt Ion:204 Resp: 295424
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.4 49.5 74.3



#62
4-Nitroaniline
Concen: 41.888 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:138 Resp: 142644
Ion Ratio Lower Upper
138 100
92 44.6 26.0 66.0
108 64.5 48.4 88.4

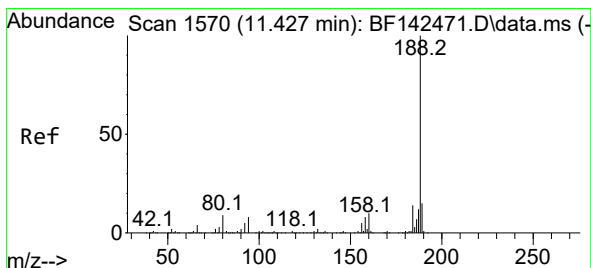
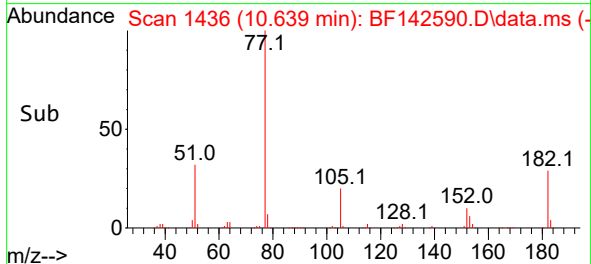
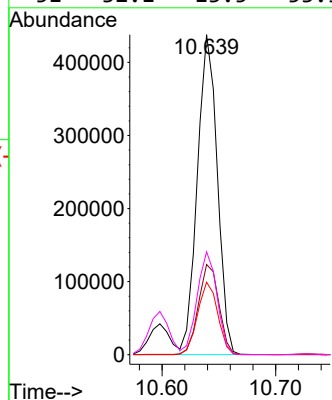
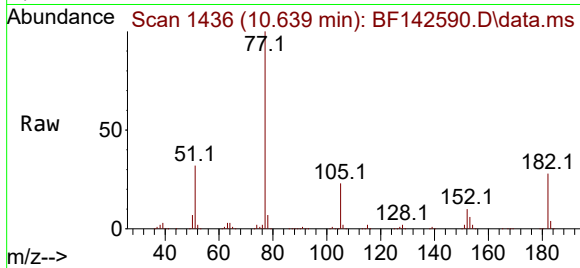




#63
Azobenzene
Concen: 38.258 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

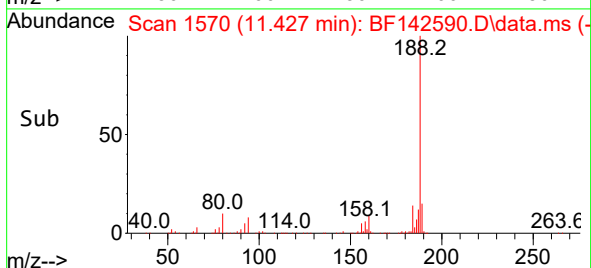
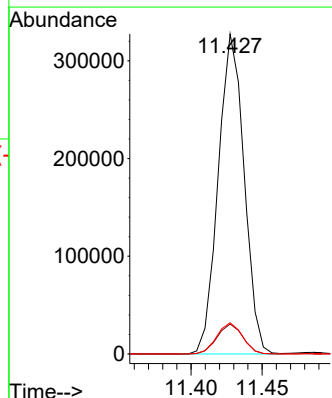
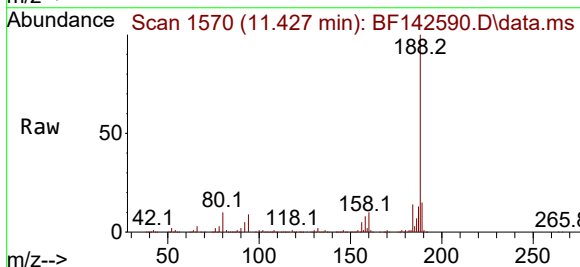
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

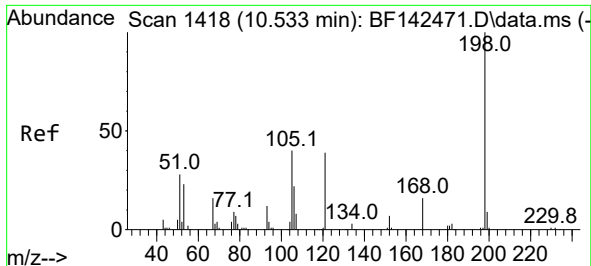
Tgt Ion: 77	Resp: 534537
Ion Ratio	Lower Upper
77 100	
182 28.2	9.0 49.0
105 22.6	2.4 42.4
51 32.1	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt	Ion:188	Resp:	415282
Ion	Ratio	Lower	Upper
188	100		
94	9.3	6.6	10.0
80	9.8	7.4	11.0

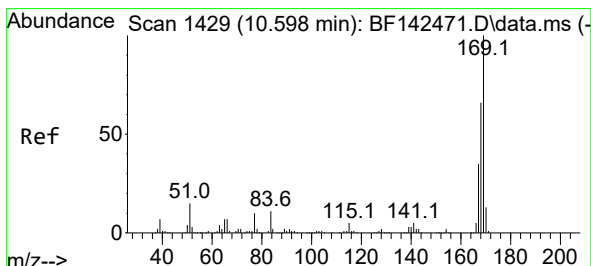
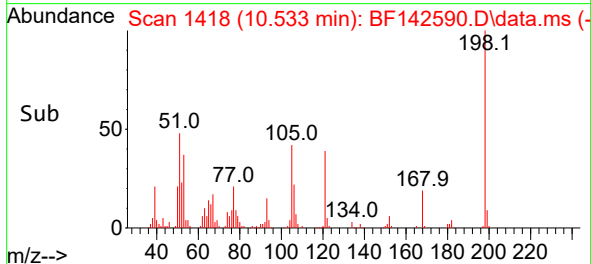
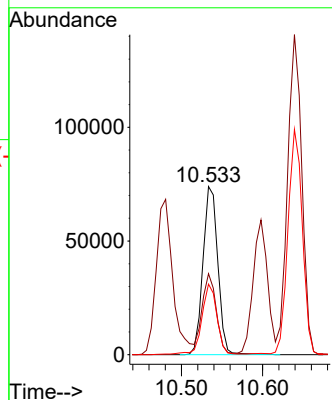
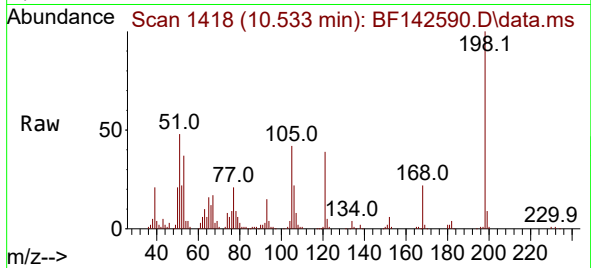




#65
4,6-Dinitro-2-methylphenol
Concen: 40.568 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

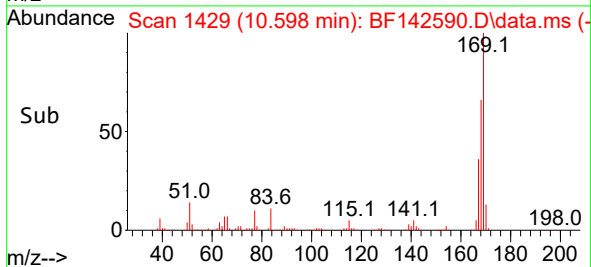
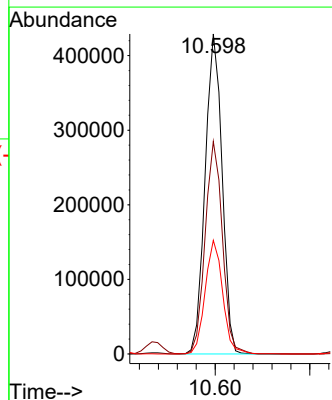
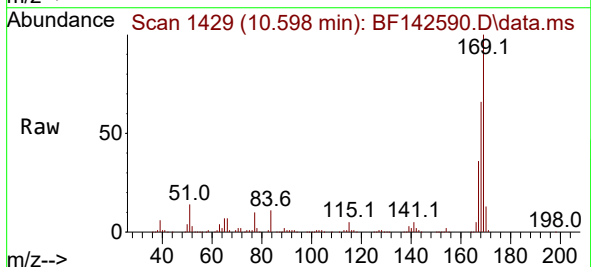
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

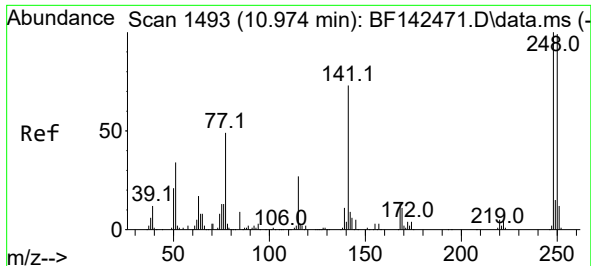
Tgt Ion:198 Resp: 94020
Ion Ratio Lower Upper
198 100
51 48.1 28.3 68.3
105 42.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 37.472 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:169 Resp: 532389
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 35.5 28.3 42.5

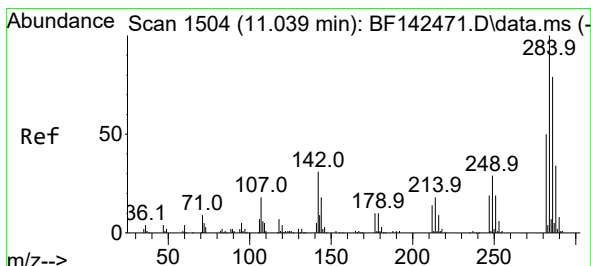
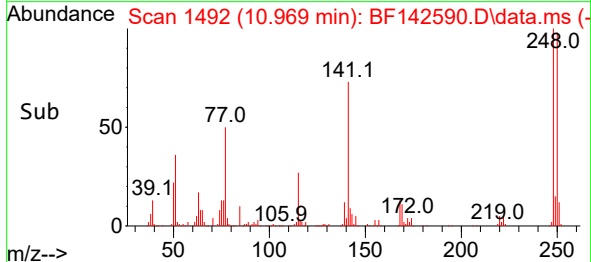
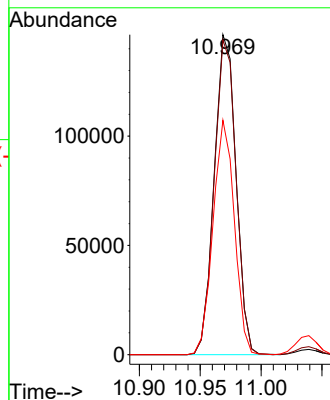
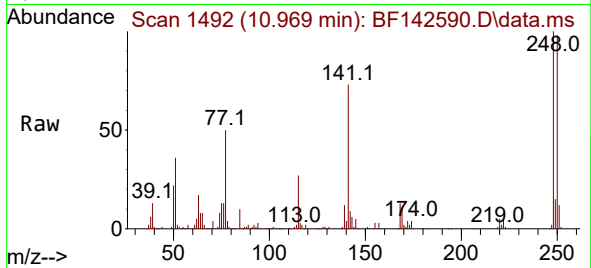




#67
4-Bromophenyl-phenylether
Concen: 37.161 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

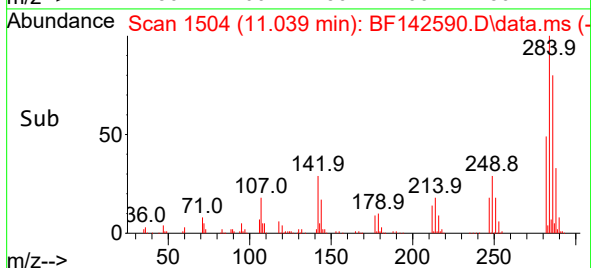
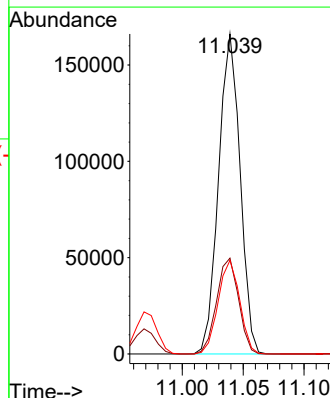
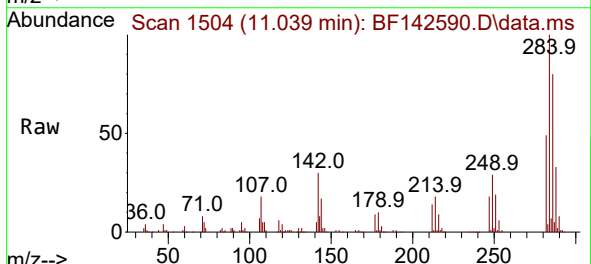
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

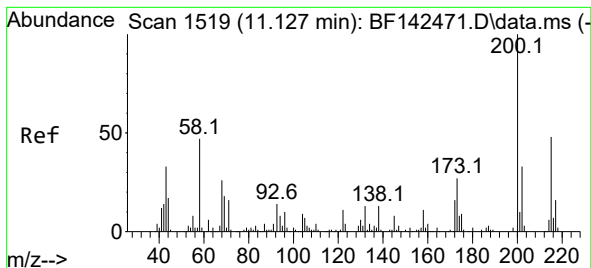
Tgt Ion:248 Resp: 182475
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.4
141 73.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.610 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:284 Resp: 204259
Ion Ratio Lower Upper
284 100
142 29.9 24.8 37.2
249 29.3 23.6 35.4





#69

Atrazine

Concen: 40.515 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

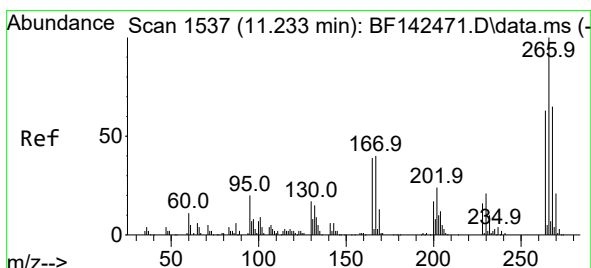
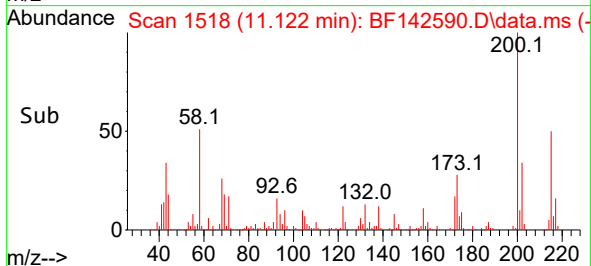
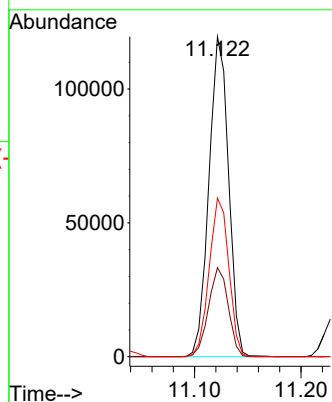
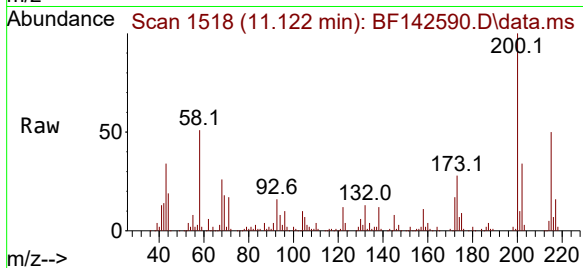
Tgt Ion:200 Resp: 152871

Ion Ratio Lower Upper

200 100

173 27.9 7.4 47.4

215 49.5 28.5 68.5



#70

Pentachlorophenol

Concen: 37.694 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

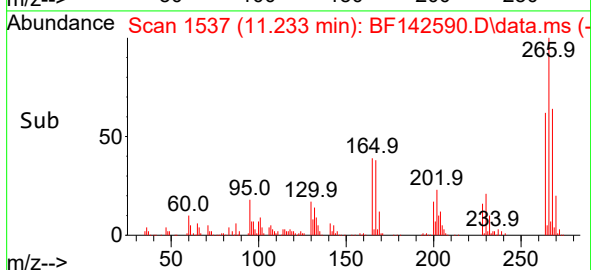
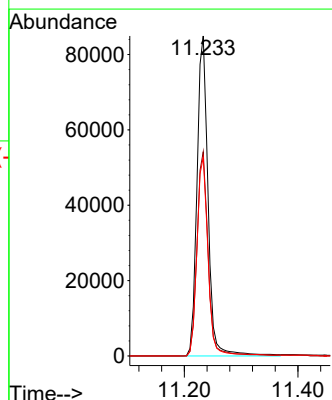
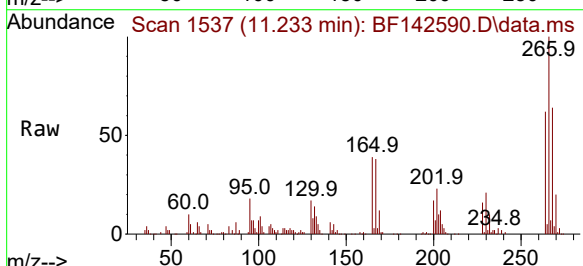
Tgt Ion:266 Resp: 115580

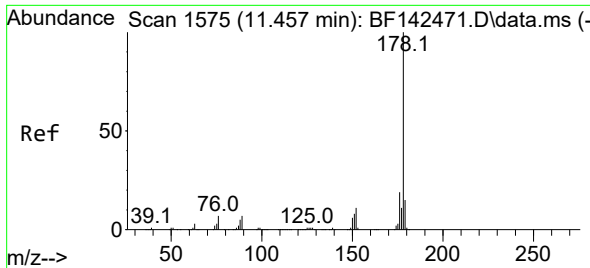
Ion Ratio Lower Upper

266 100

268 63.8 51.7 77.5

264 62.1 50.4 75.6

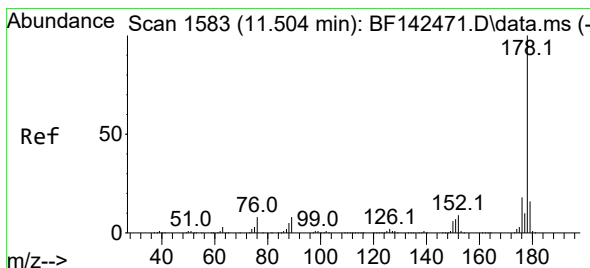
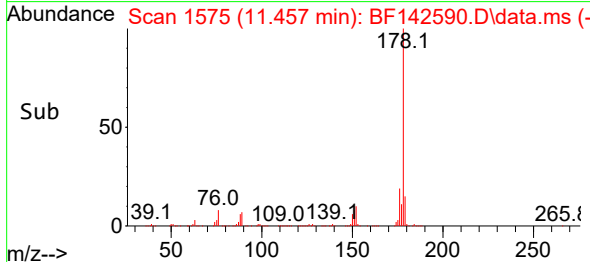
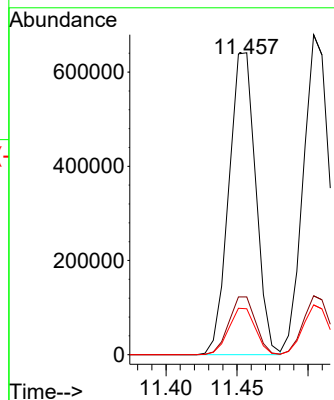
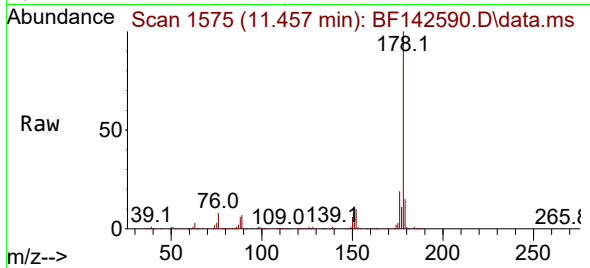




#71
Phenanthrene
Concen: 38.019 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

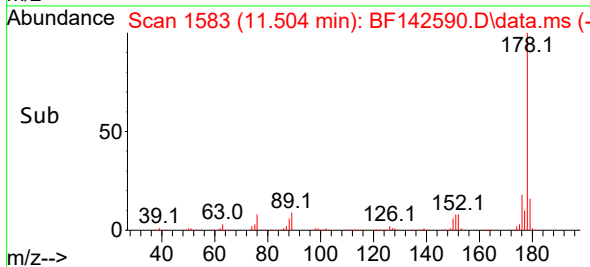
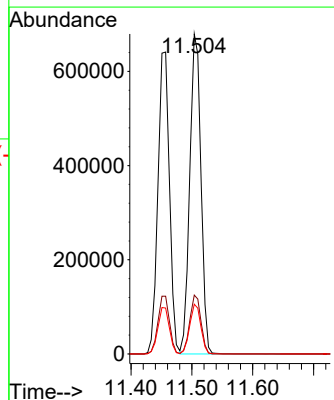
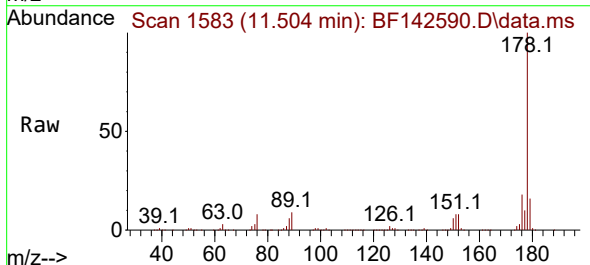
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

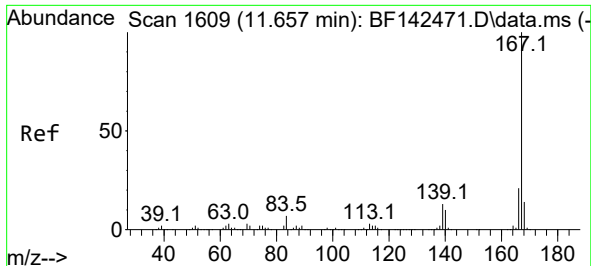
Tgt Ion:178 Resp: 843782
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 38.324 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:178 Resp: 868050
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.5 12.4 18.6

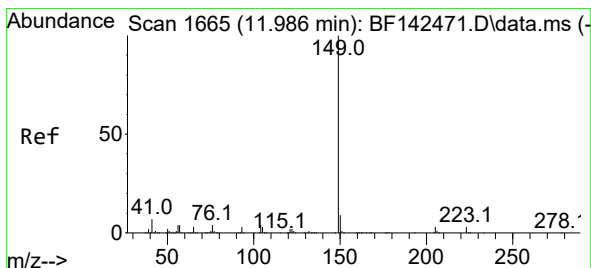
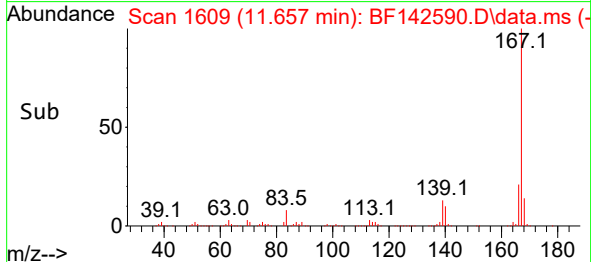
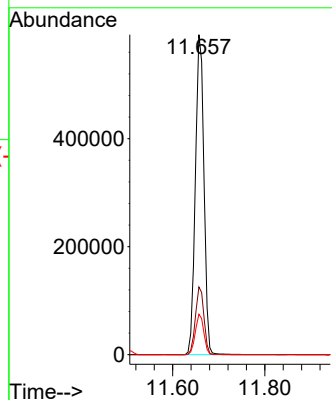
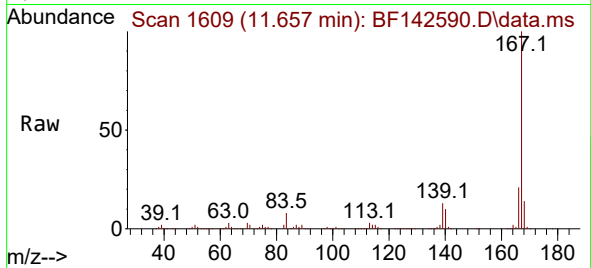




#73
Carbazole
Concen: 39.382 ng
RT: 11.657 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

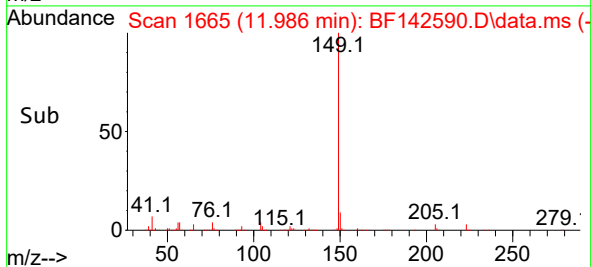
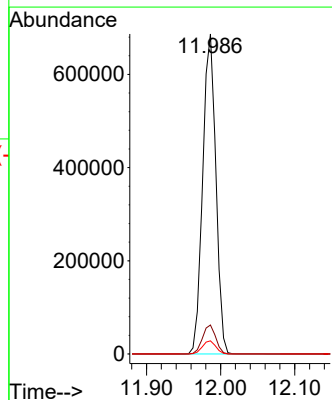
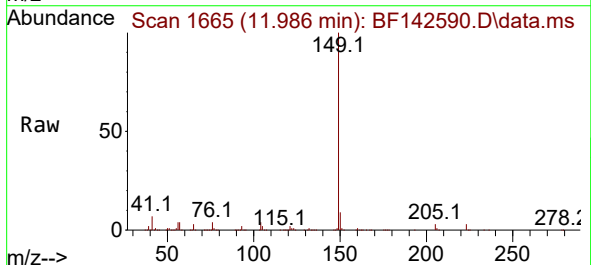
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

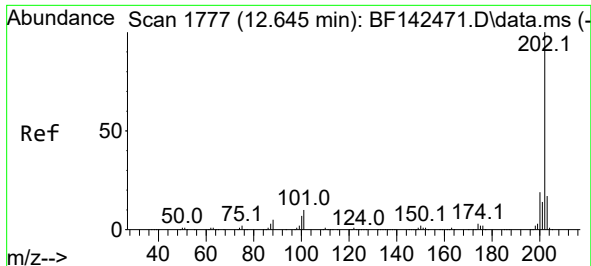
Tgt Ion:167 Resp: 762565
Ion Ratio Lower Upper
167 100
166 21.1 16.9 25.3
139 12.6 10.2 15.4



#74
Di-n-butylphthalate
Concen: 39.894 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:149 Resp: 845566
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.1 3.6 5.4

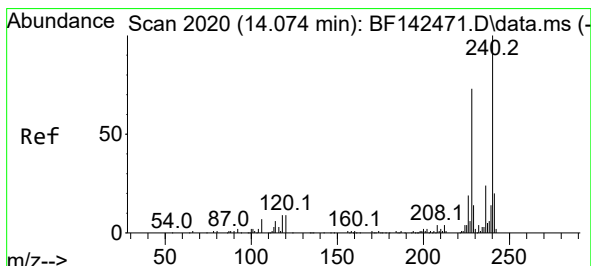
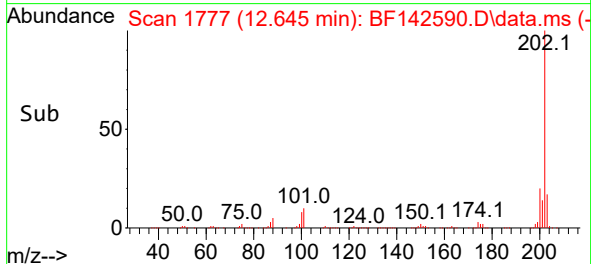
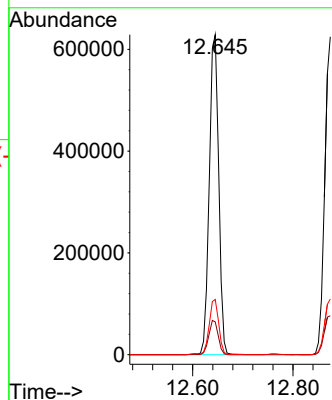
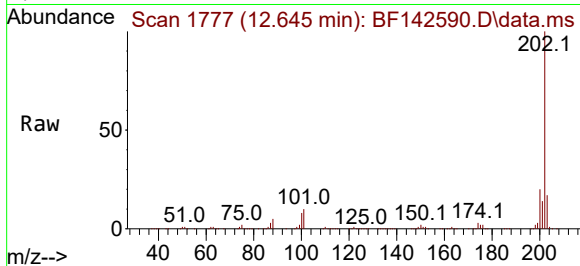




#75
Fluoranthene
Concen: 39.672 ng
RT: 12.645 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

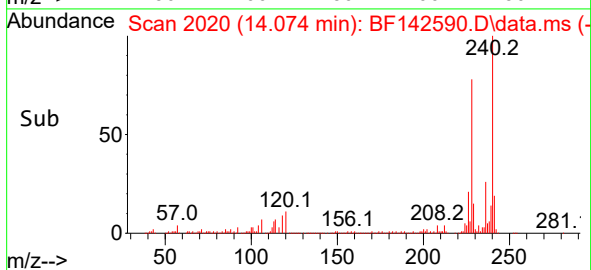
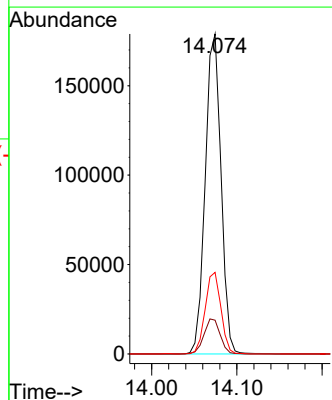
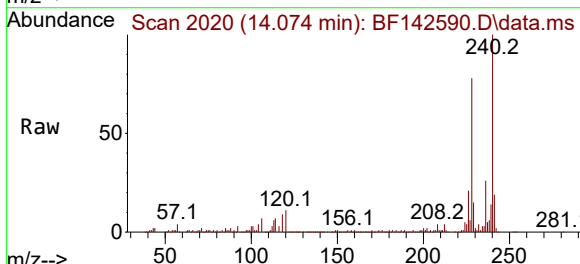
Instrument :
BNA_F
ClientSampleId :
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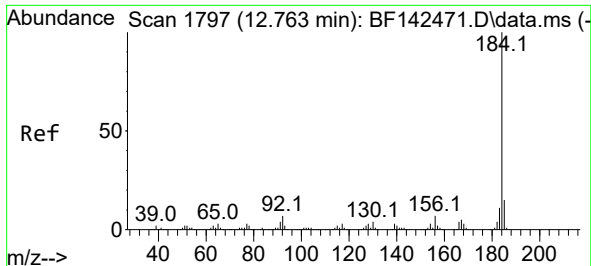
Tgt Ion:202 Resp: 822707
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.6
203 17.3 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:240 Resp: 230387
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.5 19.6 29.4

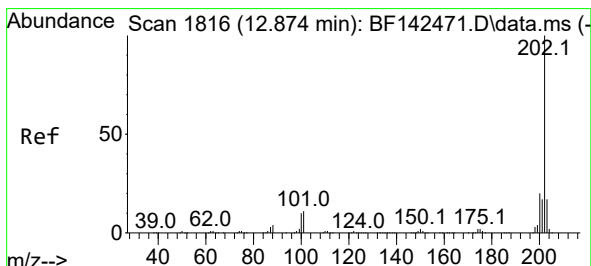
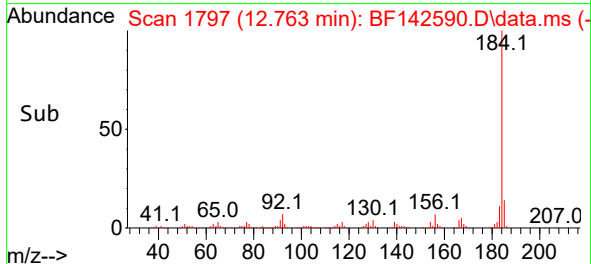
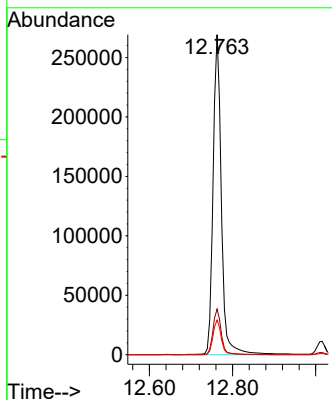
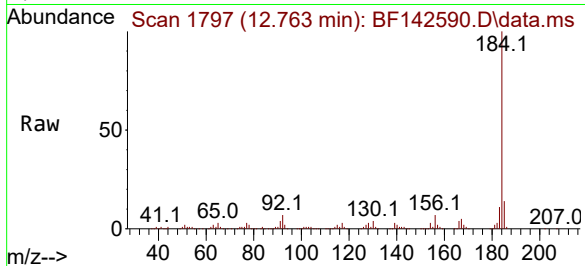




#77
Benzidine
Concen: 43.479 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

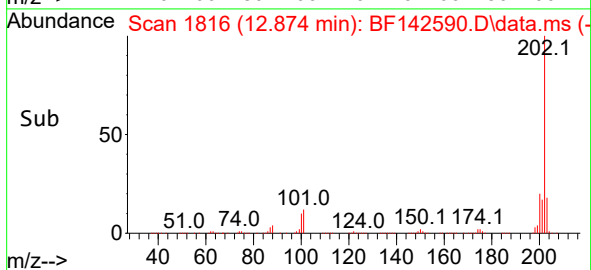
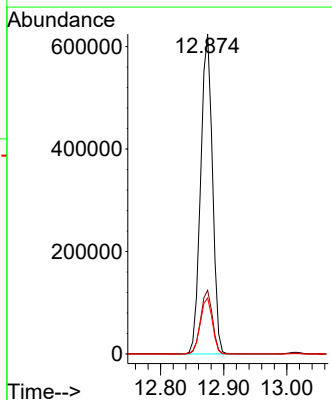
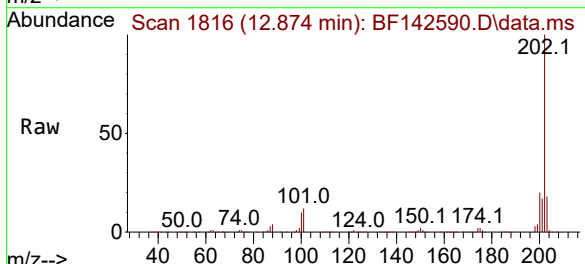
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

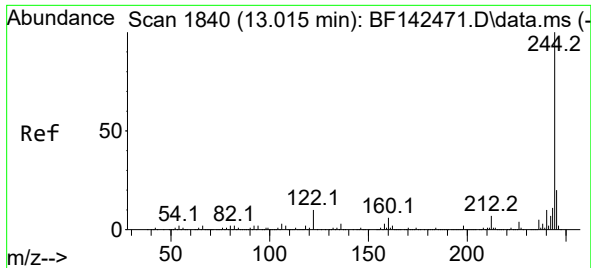
Tgt Ion:184 Resp: 372760
Ion Ratio Lower Upper
184 100
185 14.3 11.6 17.4
183 10.8 9.0 13.4



#78
Pyrene
Concen: 37.740 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:202 Resp: 811108
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 17.5 13.9 20.9

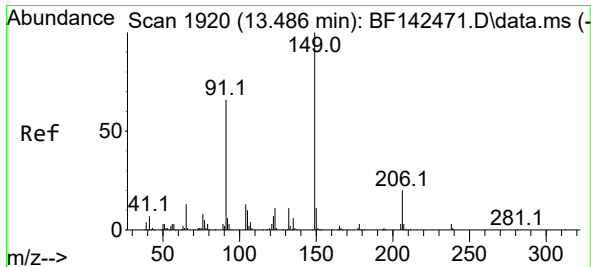
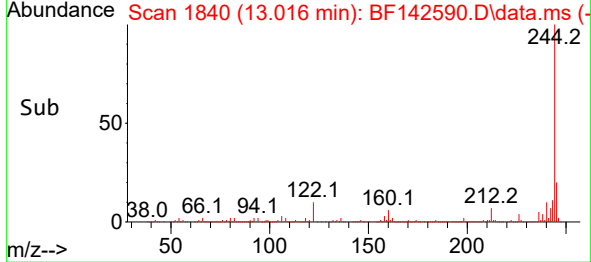
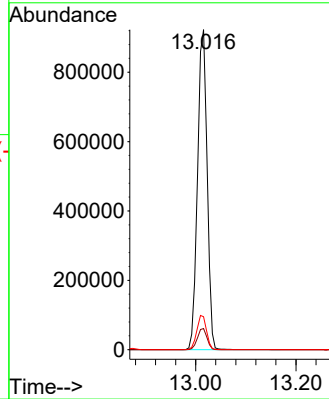
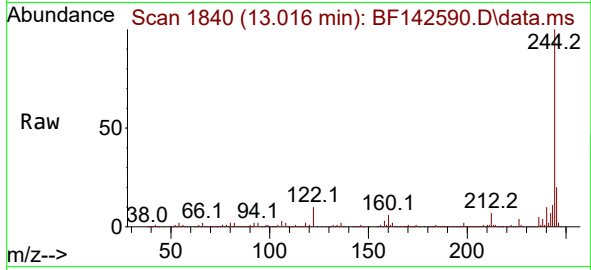




#79
 Terphenyl-d14
 Concen: 72.512 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

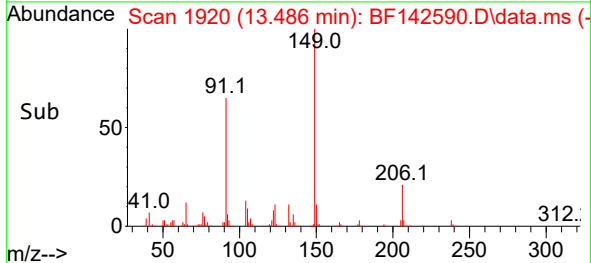
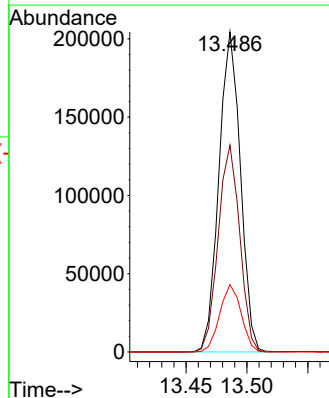
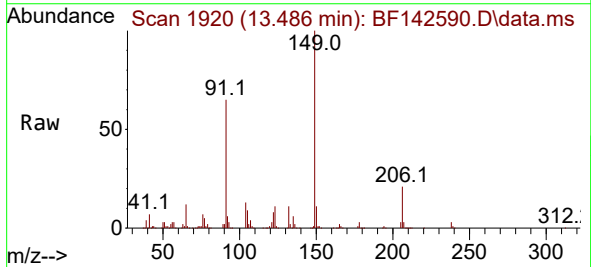
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

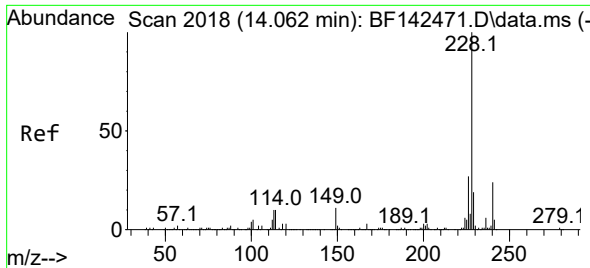
Tgt Ion:244 Resp: 1222487
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.340 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142590.D
 Acq: 02 Jun 2025 11:30

Tgt Ion:149 Resp: 251441
 Ion Ratio Lower Upper
 149 100
 91 64.6 52.9 79.3
 206 21.0 16.2 24.2

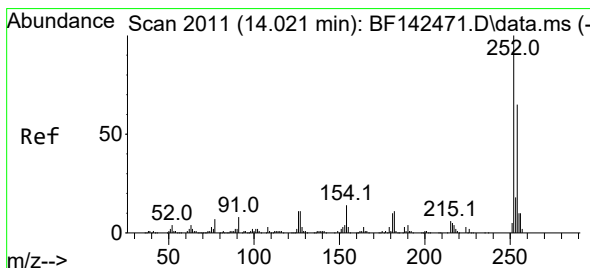
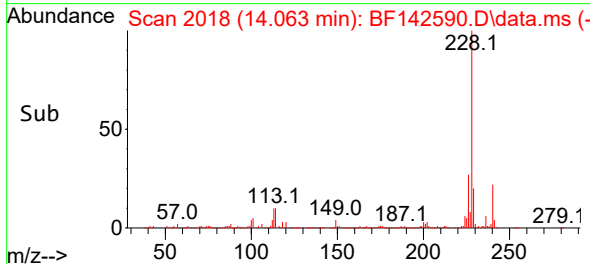
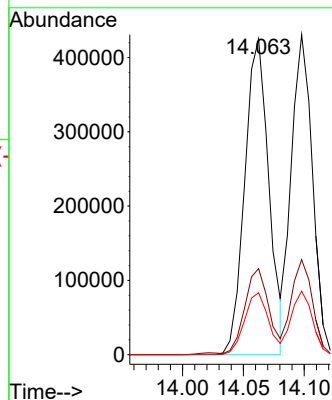
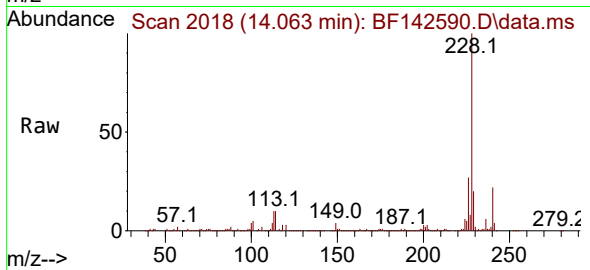




#81
Benzo(a)anthracene
Concen: 38.094 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

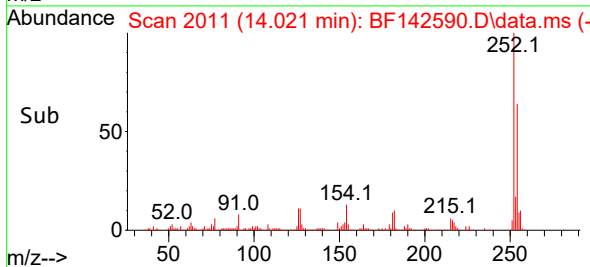
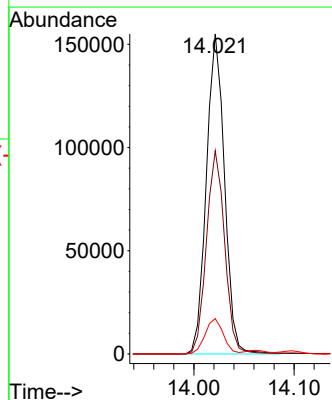
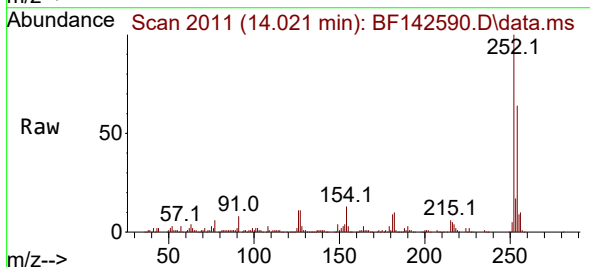
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

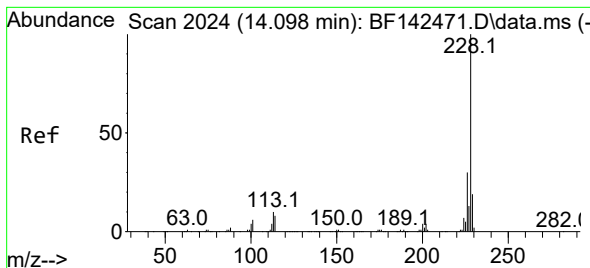
Tgt Ion:228 Resp: 586045
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 41.922 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:252 Resp: 195614
Ion Ratio Lower Upper
252 100
254 63.5 52.0 78.0
126 11.1 8.9 13.3





#83

Chrysene

Concen: 37.850 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

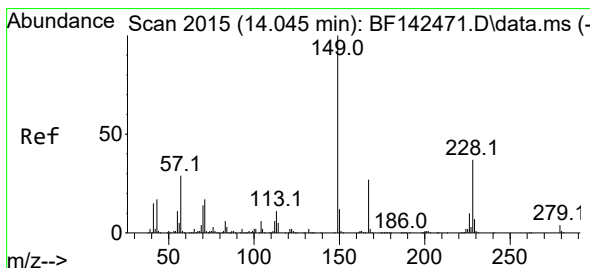
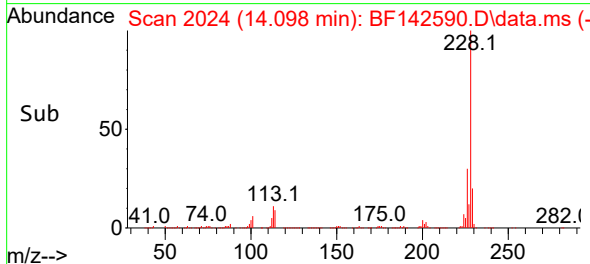
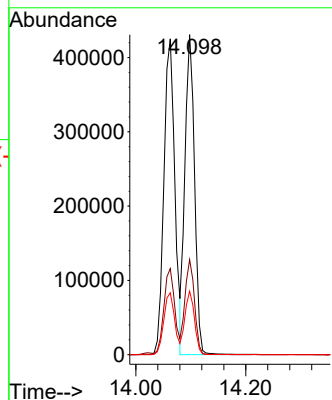
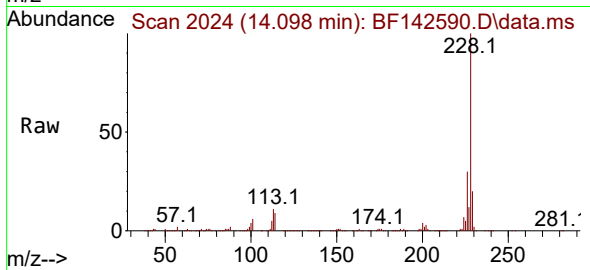
Tgt Ion:228 Resp: 523222

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.8 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.067 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

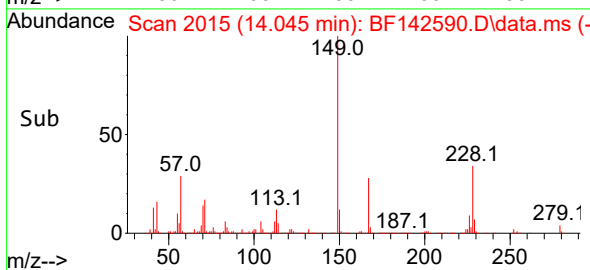
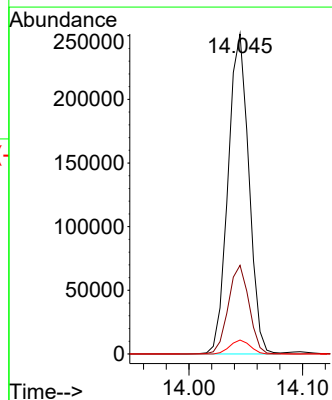
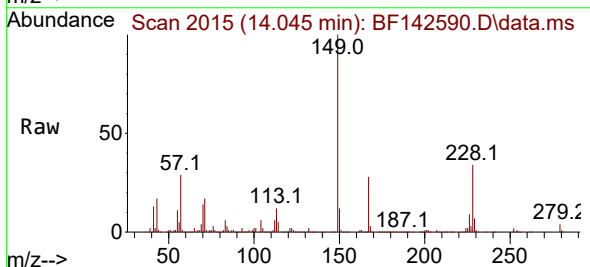
Tgt Ion:149 Resp: 319802

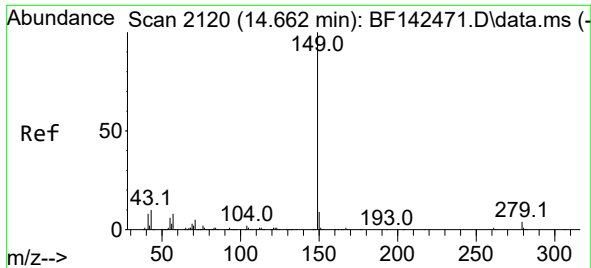
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.3 3.2 4.8

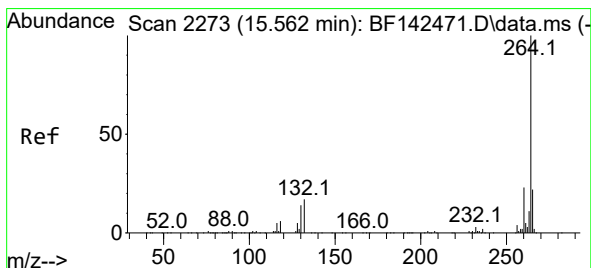
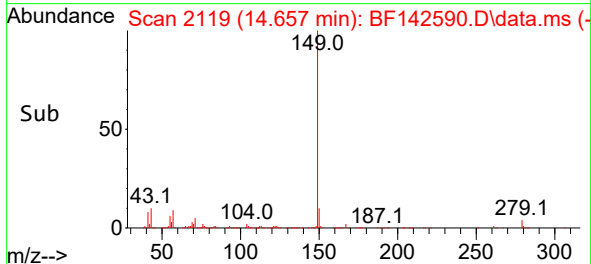
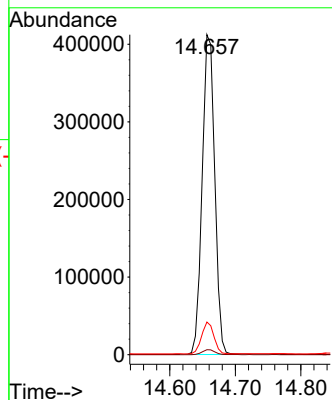
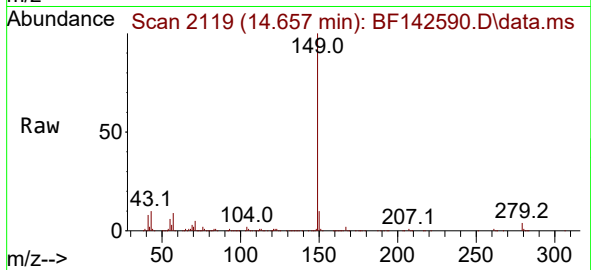




#85
Di-n-octyl phthalate
Concen: 37.041 ng
RT: 14.657 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

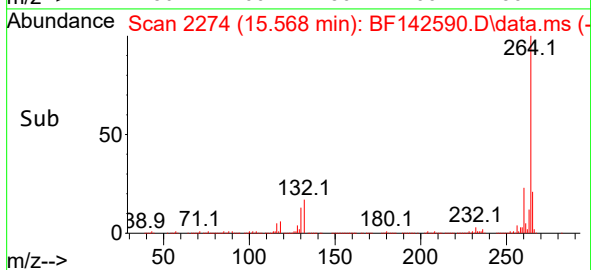
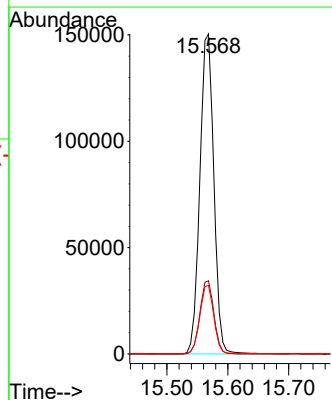
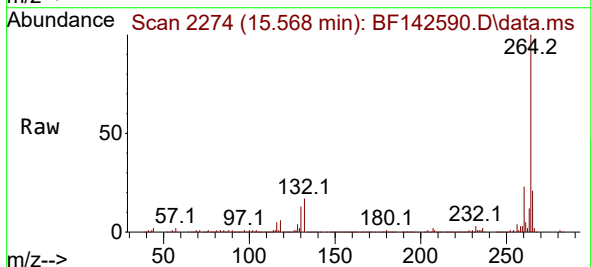
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

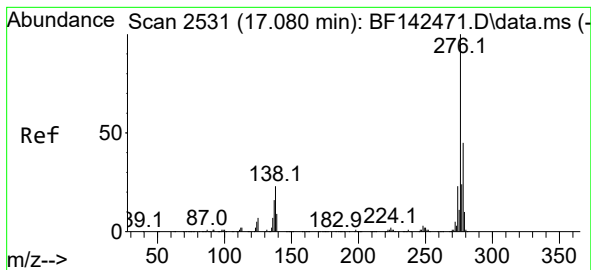
Tgt Ion:149 Resp: 550609
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:264 Resp: 238851
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.435 ng

RT: 17.086 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

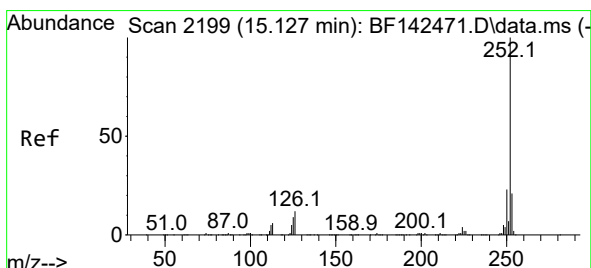
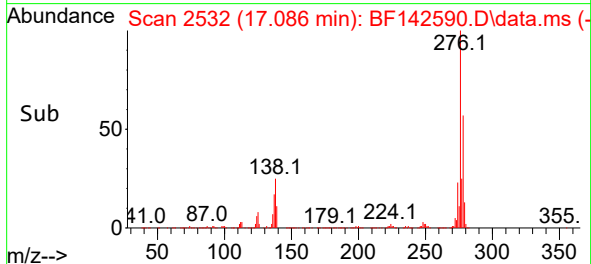
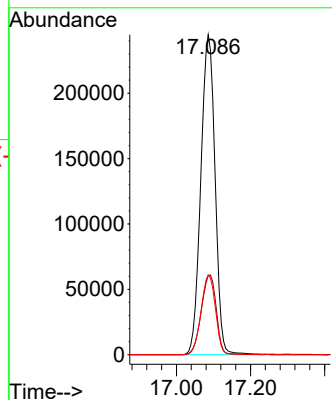
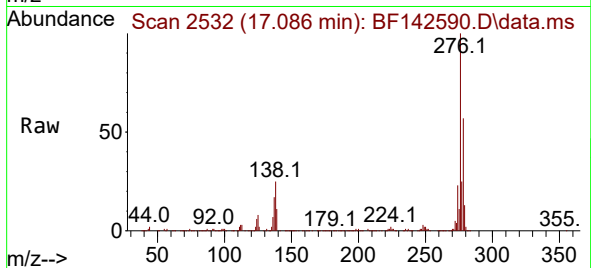
Tgt Ion:276 Resp: 653334

Ion Ratio Lower Upper

276 100

138 26.2 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.041 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

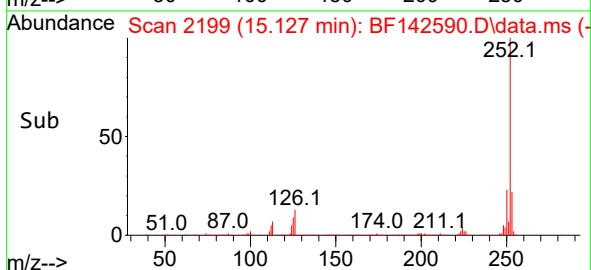
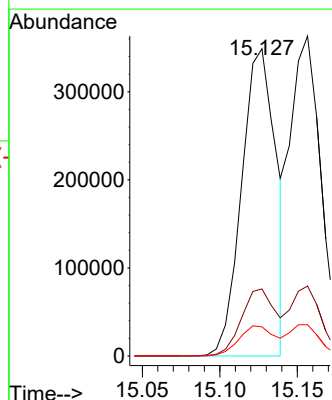
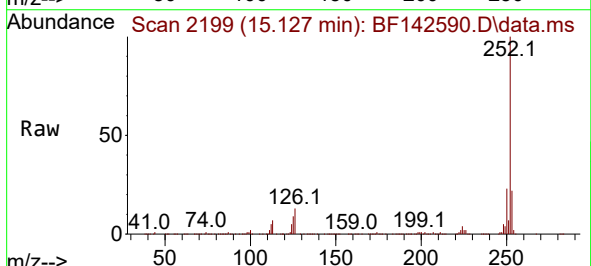
Tgt Ion:252 Resp: 537758

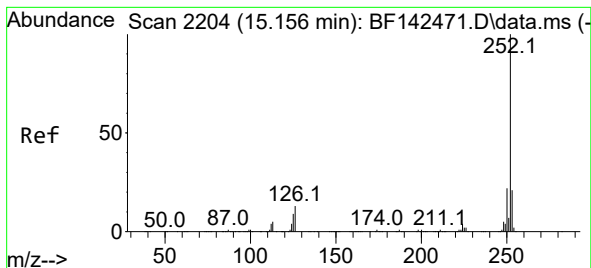
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 37.472 ng

RT: 15.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

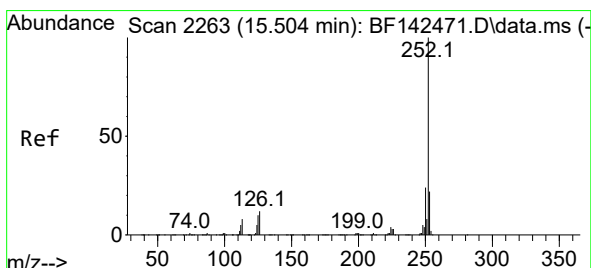
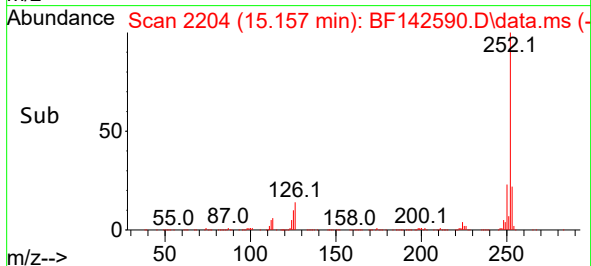
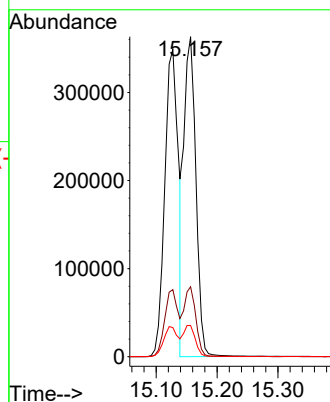
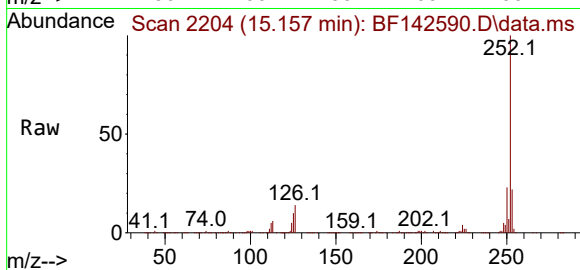
Tgt Ion:252 Resp: 496143

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 9.8 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.390 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF142590.D

Acq: 02 Jun 2025 11:30

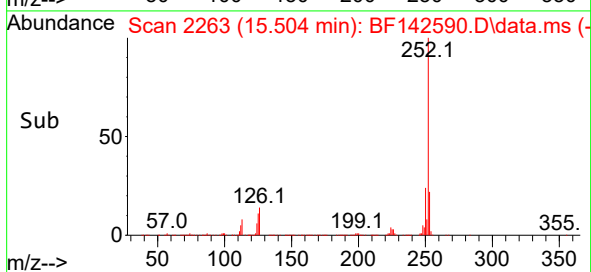
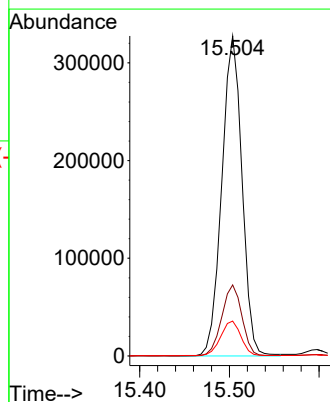
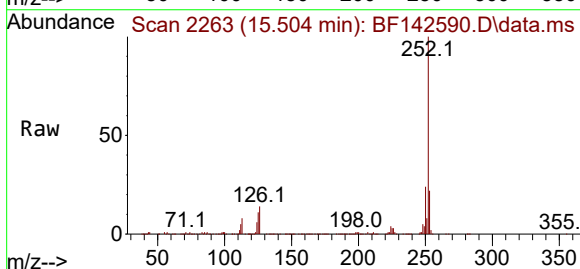
Tgt Ion:252 Resp: 511548

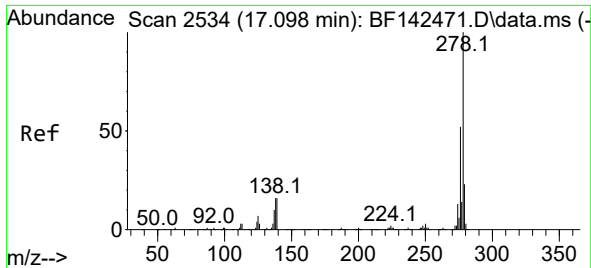
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.9 7.9 11.9

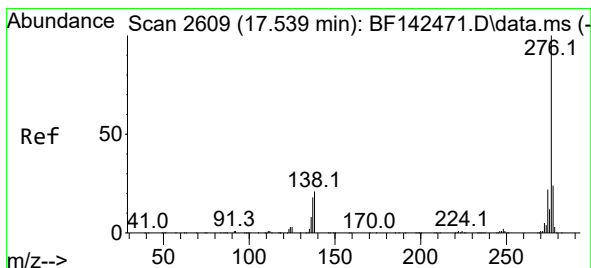
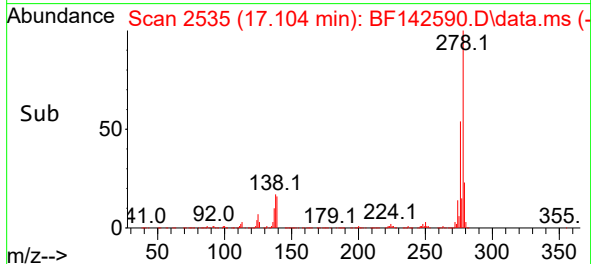
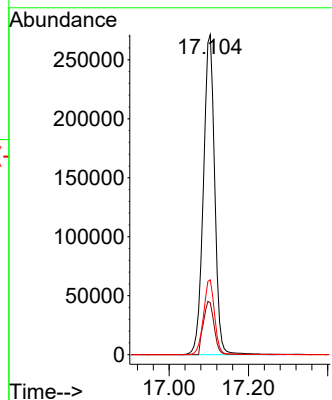
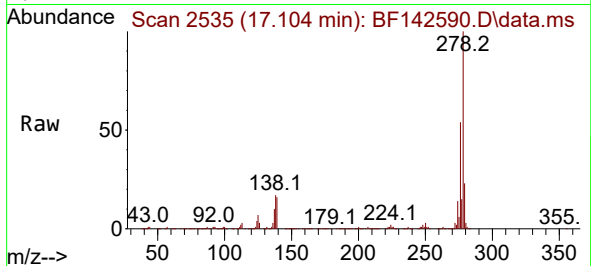




#91
Dibenzo(a,h)anthracene
Concen: 36.987 ng
RT: 17.104 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 537907
Ion Ratio Lower Upper
278 100
139 16.2 12.8 19.2
279 23.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.304 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142590.D
Acq: 02 Jun 2025 11:30

Tgt Ion:276 Resp: 528096
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 22.3 16.8 25.2

