

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 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	106761	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	418300	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232077	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	411171	20.000	ng	0.00
76) Chrysene-d12	14.068	240	239311	20.000	ng	0.00
86) Perylene-d12	15.562	264	215066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	487434	76.920	ng	0.00
7) Phenol-d6	6.522	99	588122	77.099	ng	-0.01
23) Nitrobenzene-d5	7.463	82	586402	76.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	203328	78.939	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1249653	72.255	ng	-0.01
79) Terphenyl-d14	13.016	244	1281938	73.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	98304	38.767	ng	99
3) Pyridine	3.434	79	257127	39.819	ng	98
4) n-Nitrosodimethylamine	3.387	42	128165	38.226	ng	94
6) Aniline	6.563	93	401127	39.109	ng	99
8) 2-Chlorophenol	6.681	128	266058	38.547	ng	98
9) Benzaldehyde	6.451	77	178698	38.949	ng	99
10) Phenol	6.539	94	334436	38.964	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	236884	38.340	ng	100
12) 1,3-Dichlorobenzene	6.839	146	292278	37.949	ng	99
13) 1,4-Dichlorobenzene	6.916	146	295291	38.062	ng	99
14) 1,2-Dichlorobenzene	7.069	146	282071	37.997	ng	98
15) Benzyl Alcohol	7.039	79	218911	38.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	398626	38.419	ng	99
17) 2-Methylphenol	7.145	107	208688	38.726	ng	99
18) Hexachloroethane	7.410	117	100869	37.234	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	179487	37.966	ng	99
20) 3+4-Methylphenols	7.304	107	263813	38.229	ng	96
22) Acetophenone	7.310	105	349918	37.789	ng	98
24) Nitrobenzene	7.481	77	267559	38.672	ng	99
25) Isophorone	7.722	82	492161	38.373	ng	98
26) 2-Nitrophenol	7.798	139	145072	39.241	ng	98
27) 2,4-Dimethylphenol	7.834	122	249437	38.260	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	303778	37.916	ng	99
29) 2,4-Dichlorophenol	8.039	162	231708	39.080	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	243943	37.911	ng	97
31) Naphthalene	8.204	128	777276	37.738	ng	100
32) Benzoic acid	7.939	122	158786	40.011	ng	98
33) 4-Chloroaniline	8.251	127	325620	39.015	ng	99
34) Hexachlorobutadiene	8.322	225	151568	37.725	ng	99
35) Caprolactam	8.622	113	72240	43.382	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	237000	39.004	ng	99
37) 2-Methylnaphthalene	8.898	142	486858	37.572	ng	99
38) 1-Methylnaphthalene	8.998	142	509169	37.988	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	246912	37.063	ng	99
41) Hexachlorocyclopentadiene	9.051	237	164606	36.627	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	170709	38.001	ng	99

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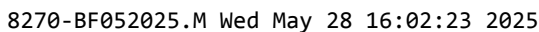
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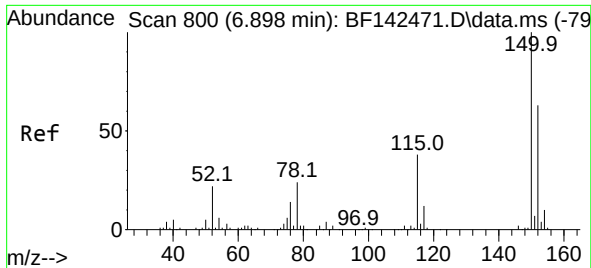
Quant Time: May 27 11:31:47 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	180562	38.111	ng	99
46) 1,1'-Biphenyl	9.363	154	671392	37.289	ng	100
47) 2-Chloronaphthalene	9.386	162	498146	37.447	ng	99
48) 2-Nitroaniline	9.480	65	153877	40.019	ng	99
49) Acenaphthylene	9.804	152	852870	37.968	ng	99
50) Dimethylphthalate	9.657	163	583790	38.123	ng	100
51) 2,6-Dinitrotoluene	9.722	165	128595	38.908	ng	100
52) Acenaphthene	9.975	154	514152	37.485	ng	100
53) 3-Nitroaniline	9.892	138	145777	40.382	ng	99
54) 2,4-Dinitrophenol	9.998	184	71340	41.780	ng	92
55) Dibenzofuran	10.145	168	749292	37.962	ng	99
56) 4-Nitrophenol	10.045	139	109755	41.206	ng	99
57) 2,4-Dinitrotoluene	10.127	165	178266	41.301	ng	99
58) Fluorene	10.486	166	581375	38.127	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	154712	39.117	ng	99
60) Diethylphthalate	10.357	149	575641	38.490	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283736	37.878	ng	97
62) 4-Nitroaniline	10.504	138	144639	44.178	ng	98
63) Azobenzene	10.639	77	519690	38.688	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	95007	41.404	ng	100
66) n-Nitrosodiphenylamine	10.598	169	513957	36.536	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	177745	36.559	ng	99
68) Hexachlorobenzene	11.039	284	199413	37.084	ng	98
69) Atrazine	11.122	200	152351	40.781	ng	99
70) Pentachlorophenol	11.227	266	117460	38.690	ng	98
71) Phenanthrene	11.451	178	829968	37.771	ng	100
72) Anthracene	11.504	178	844543	37.659	ng	99
73) Carbazole	11.657	167	758086	39.542	ng	100
74) Di-n-butylphthalate	11.986	149	851727	40.587	ng	100
75) Fluoranthene	12.639	202	849891	41.393	ng	98
77) Benzidine	12.763	184	391300	43.939	ng	100
78) Pyrene	12.868	202	833498	37.336	ng	99
80) Butylbenzylphthalate	13.486	149	264157	42.823	ng	98
81) Benzo(a)anthracene	14.057	228	620117	38.806	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	190764	39.358	ng	99
83) Chrysene	14.098	228	528766	36.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	309018	39.132	ng	98
85) Di-n-octyl phthalate	14.657	149	498803	32.305	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	597673	37.017	ng	99
88) Benzo(b)fluoranthene	15.121	252	531572	41.762	ng	98
89) Benzo(k)fluoranthene	15.151	252	419034	35.149	ng	98
90) Benzo(a)pyrene	15.498	252	460031	38.342	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	484580	37.005	ng	98
92) Benzo(g,h,i)perylene	17.533	276	486815	37.168	ng	98

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

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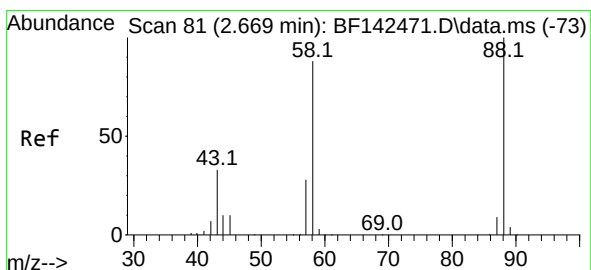
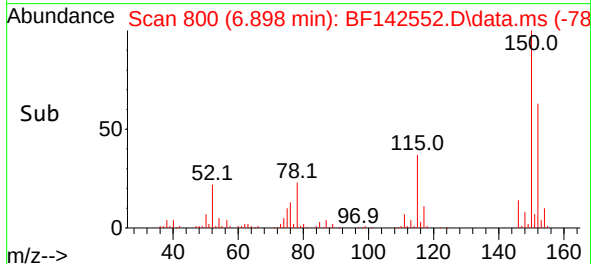
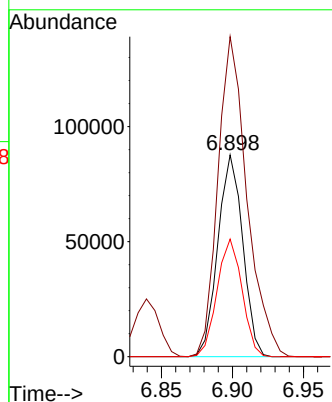
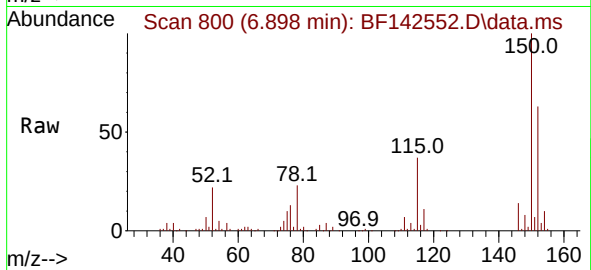




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

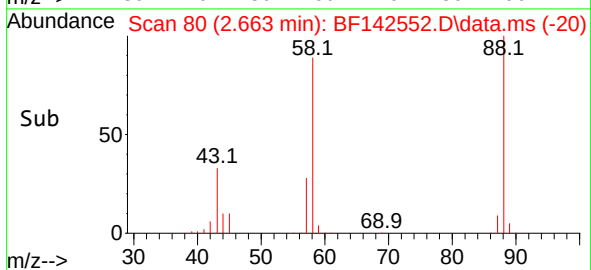
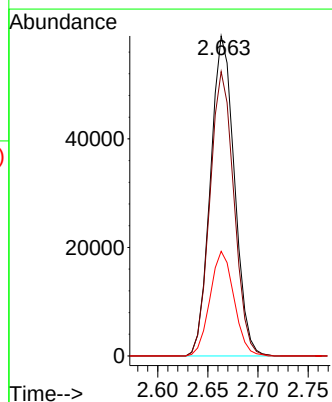
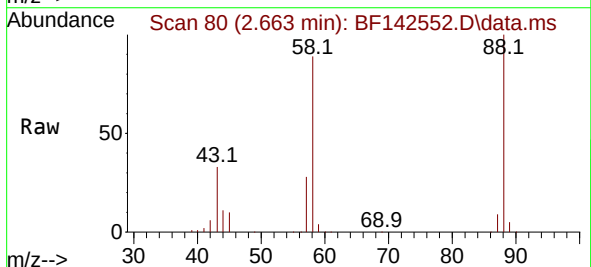
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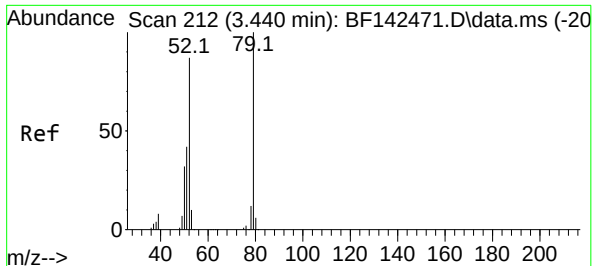
Tgt Ion:152 Resp: 106761
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.2 192.4
 115 58.3 48.3 72.5



#2
 1,4-Dioxane
 Concen: 38.767 ng
 RT: 2.663 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

Tgt Ion: 88 Resp: 98304
 Ion Ratio Lower Upper
 88 100
 58 88.8 70.8 106.2
 43 32.7 26.6 40.0

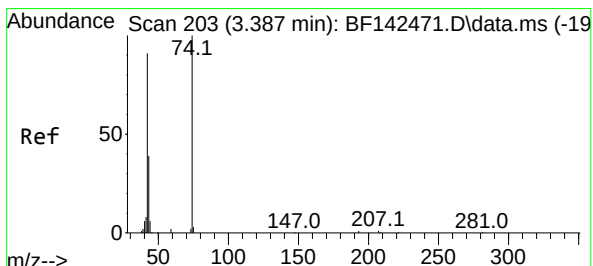
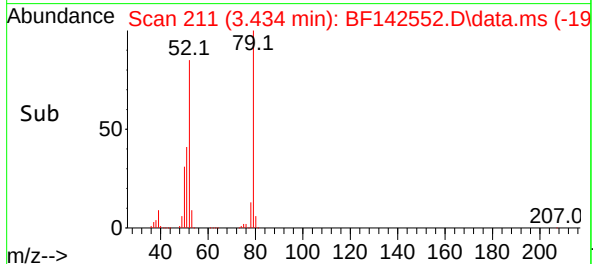
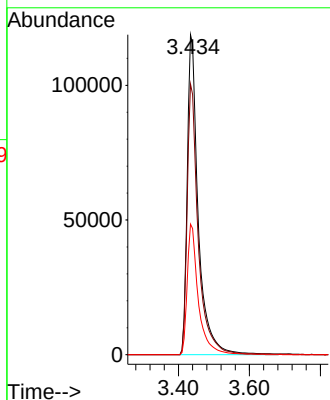
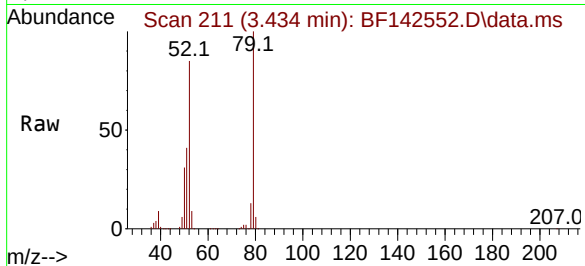




#3
Pyridine
Concen: 39.819 ng
RT: 3.434 min Scan# 212
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

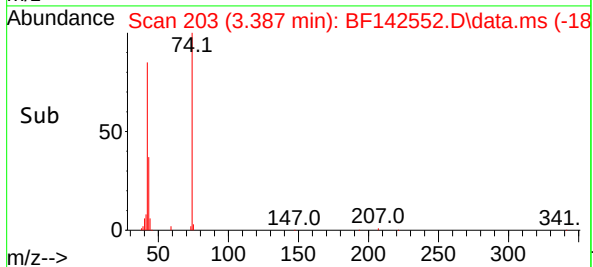
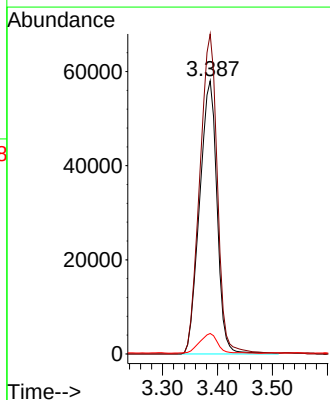
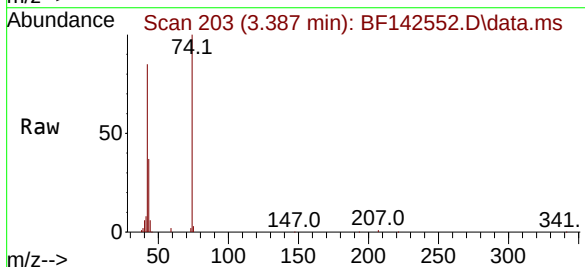
Instrument :
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ClientSampleId :
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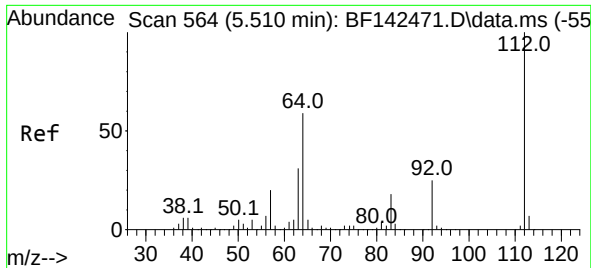
Tgt Ion: 79 Resp: 257127
Ion Ratio Lower Upper
79 100
52 84.5 69.2 103.8
51 40.8 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 38.226 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 42 Resp: 128165
Ion Ratio Lower Upper
42 100
74 117.2 88.2 132.4
44 7.5 5.4 8.2

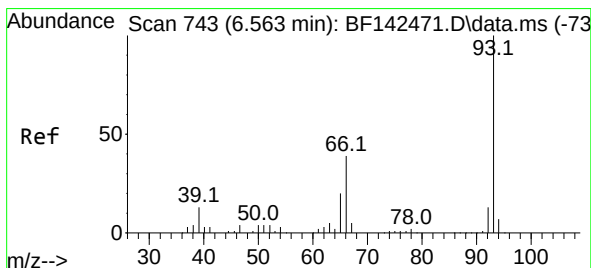
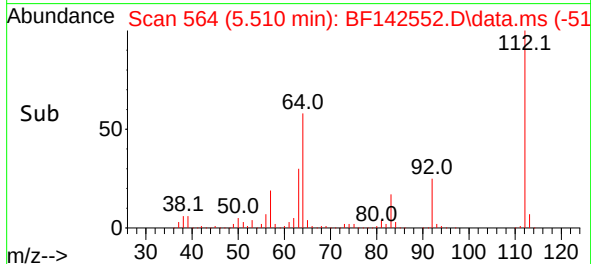
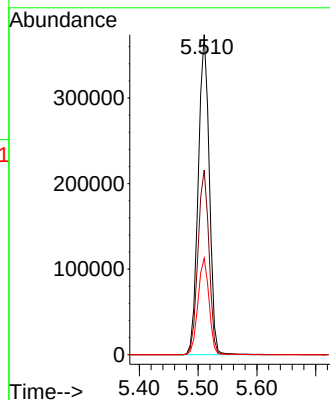
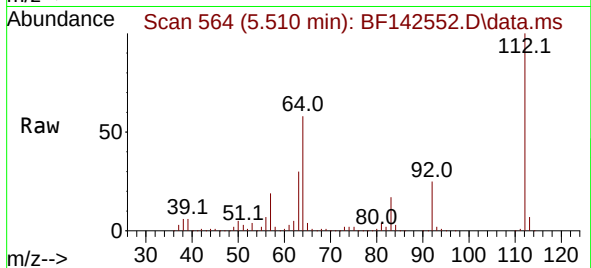




#5
2-Fluorophenol
Concen: 76.920 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

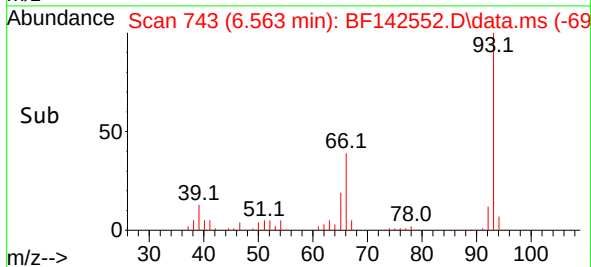
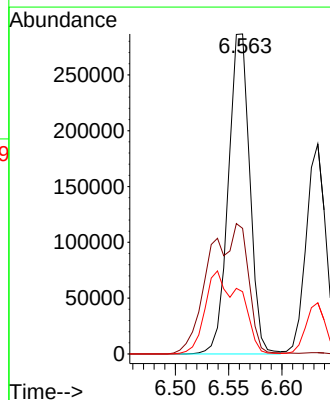
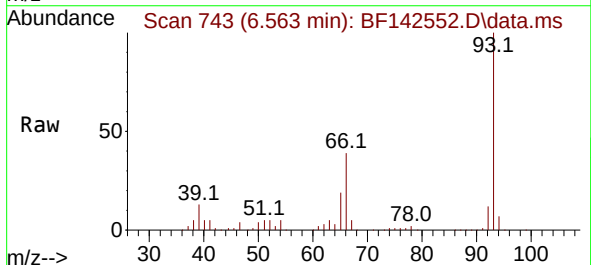
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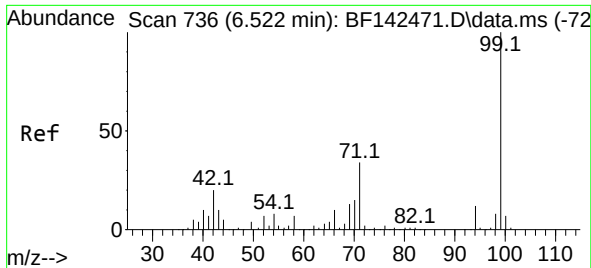
Tgt Ion:112 Resp: 487434
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.1 24.9 37.3



#6
Aniline
Concen: 39.109 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 93 Resp: 401127
Ion Ratio Lower Upper
93 100
66 39.3 32.0 48.0
65 19.5 16.1 24.1

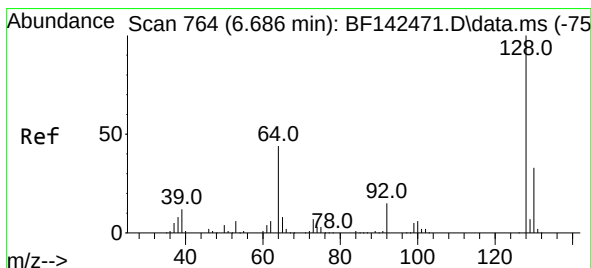
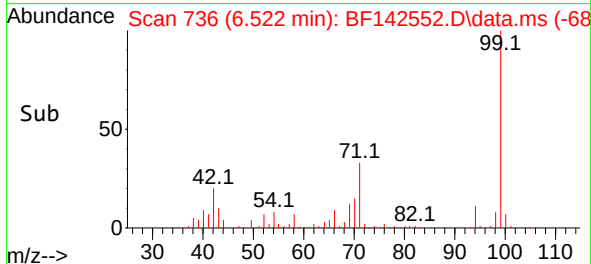
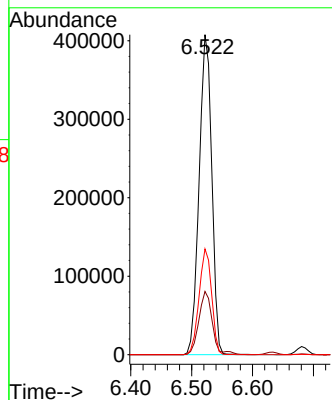
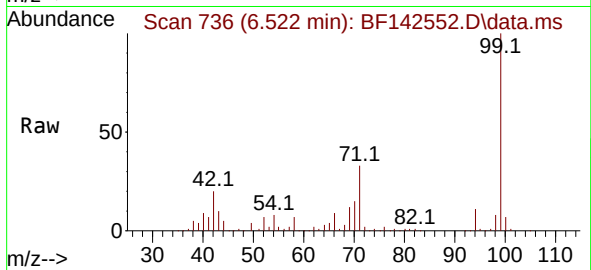




#7
Phenol-d6
Concen: 77.099 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

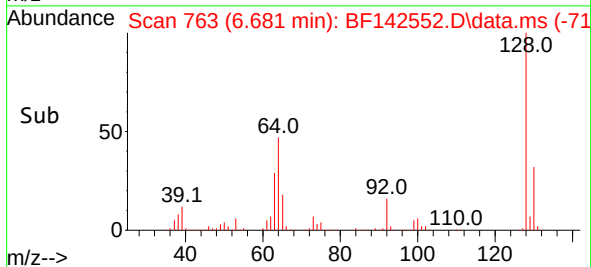
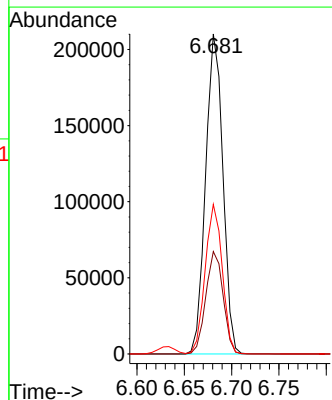
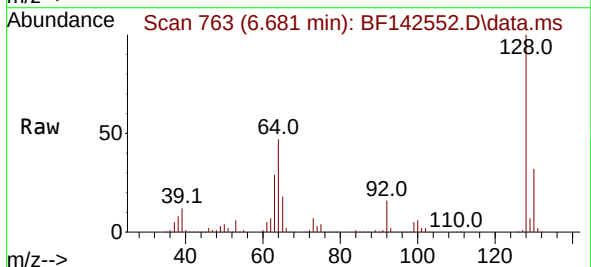
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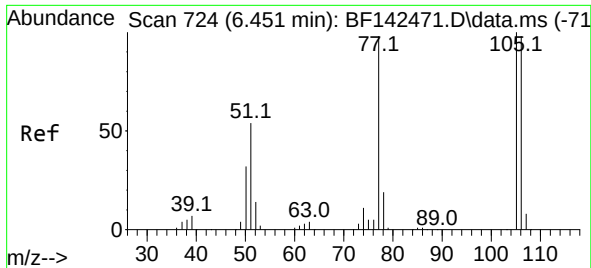
Tgt Ion: 99 Resp: 588122
Ion Ratio Lower Upper
99 100
42 19.7 16.2 24.2
71 33.1 27.3 40.9



#8
2-Chlorophenol
Concen: 38.547 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:128 Resp: 266058
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 46.8 25.1 65.1

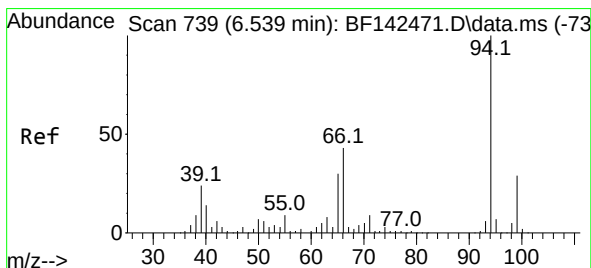
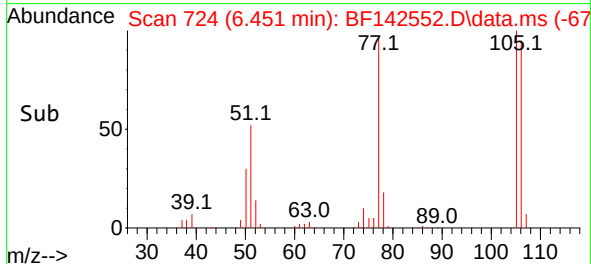
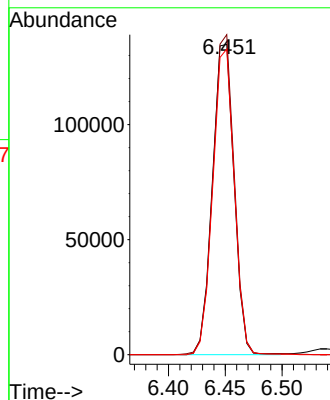
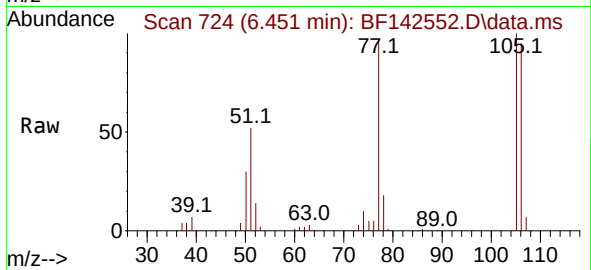




#9
Benzaldehyde
Concen: 38.949 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

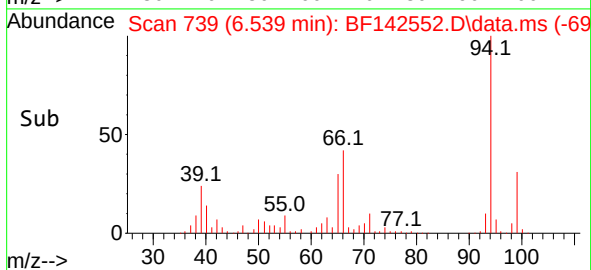
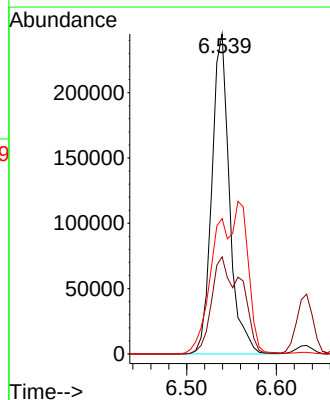
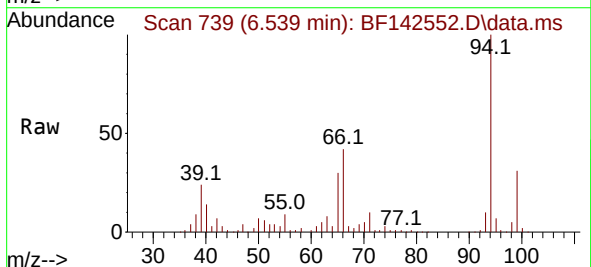
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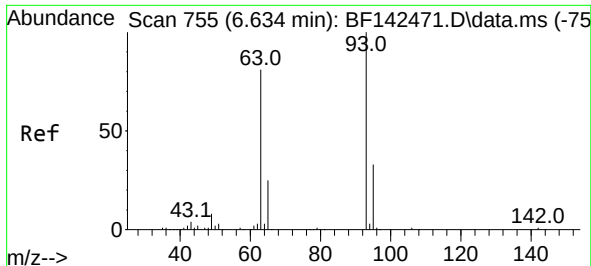
Tgt Ion: 77 Resp: 178698
Ion Ratio Lower Upper
77 100
105 103.1 82.5 122.5
106 98.5 80.0 120.0



#10
Phenol
Concen: 38.964 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 94 Resp: 334436
Ion Ratio Lower Upper
94 100
65 30.4 10.3 50.3
66 42.3 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 38.340 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

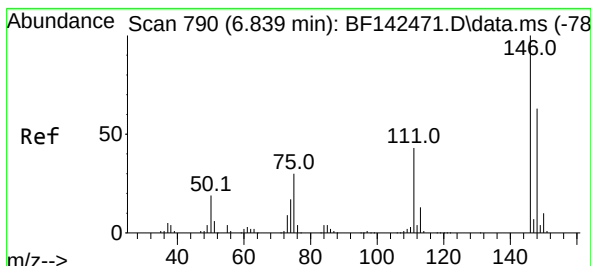
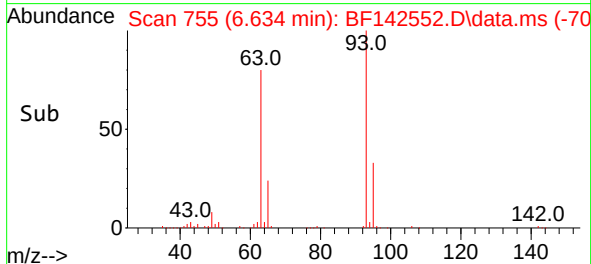
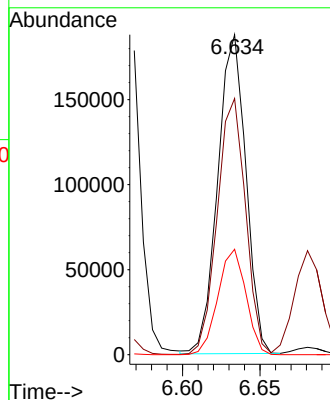
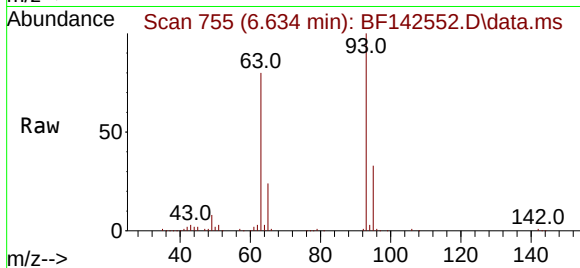
Tgt Ion: 93 Resp: 236884

Ion Ratio Lower Upper

93 100

63 80.1 60.2 100.2

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 37.949 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

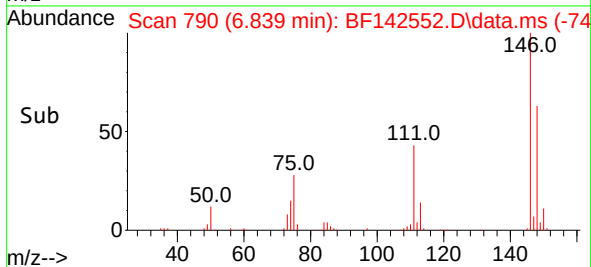
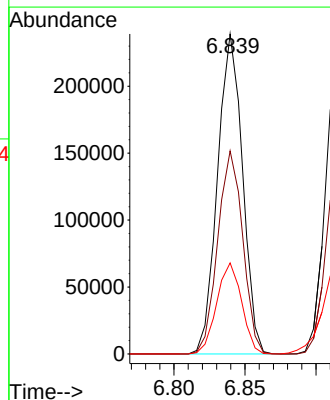
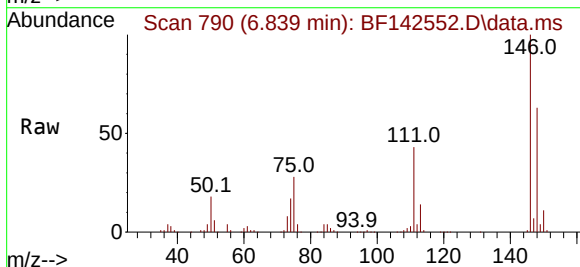
Tgt Ion:146 Resp: 292278

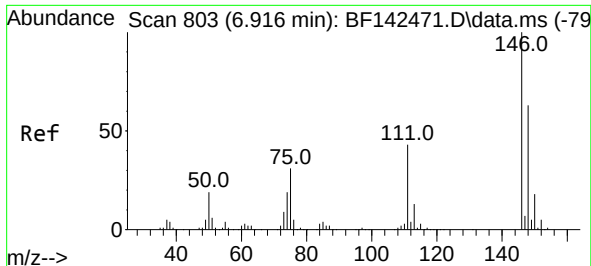
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

75 28.5 23.8 35.6

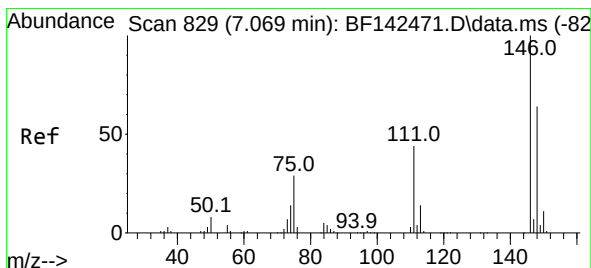
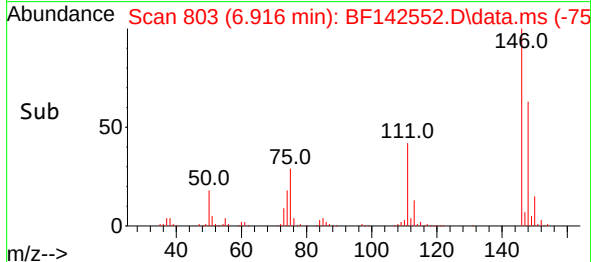
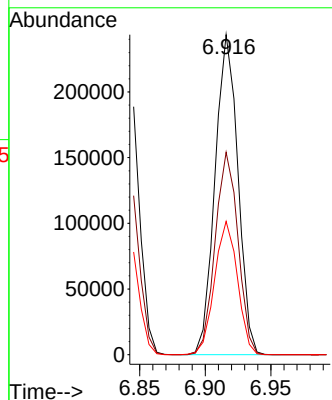
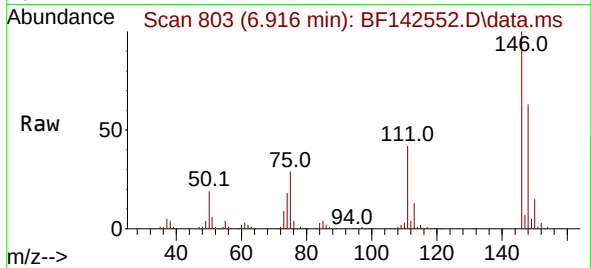




#13
1,4-Dichlorobenzene
Concen: 38.062 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

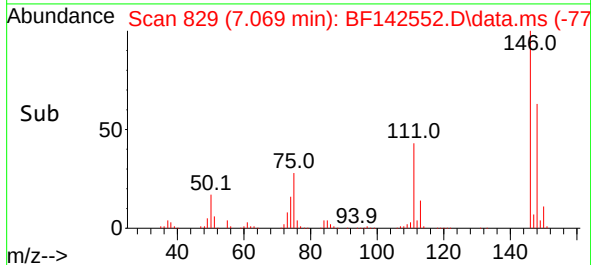
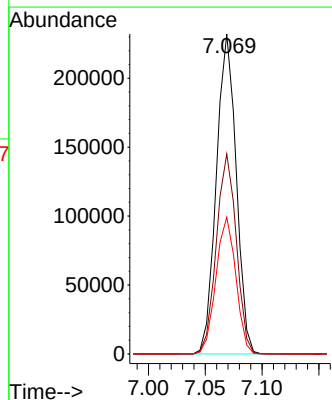
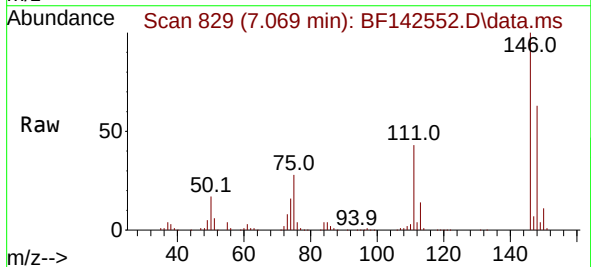
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

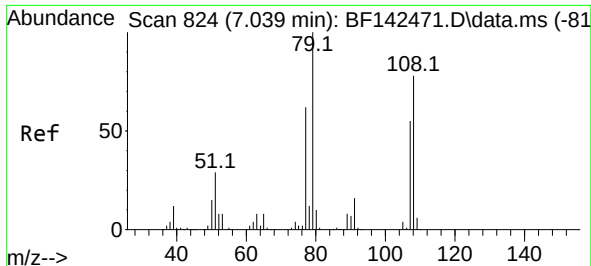
Tgt Ion:146 Resp: 295291
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 41.7 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 37.997 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:146 Resp: 282071
Ion Ratio Lower Upper
146 100
148 62.5 51.0 76.4
111 42.8 35.0 52.6

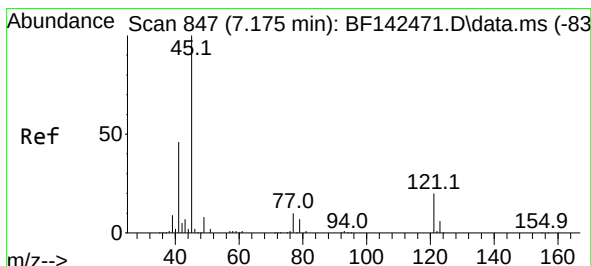
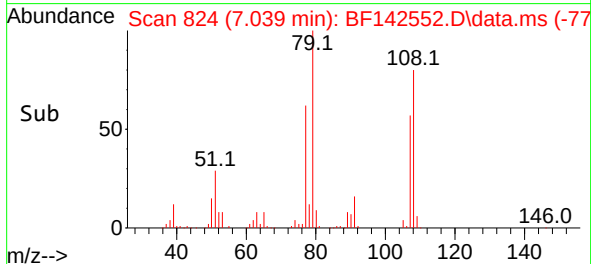
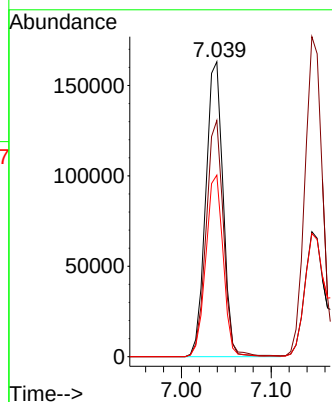
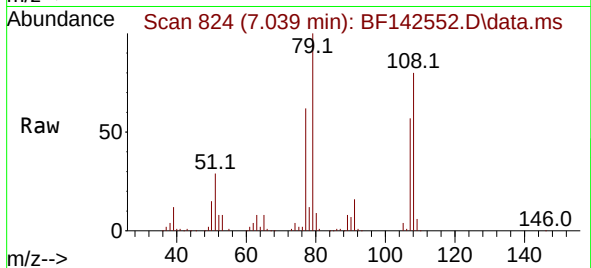




#15
Benzyl Alcohol
Concen: 38.834 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

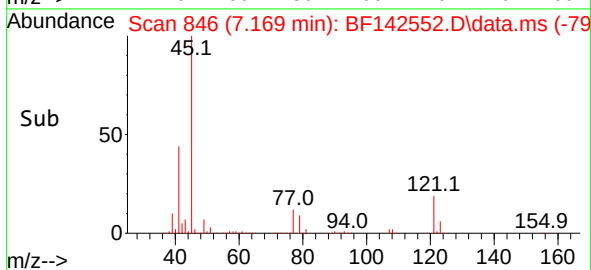
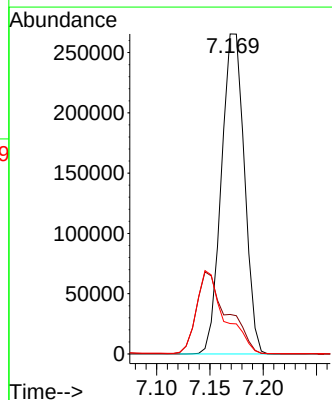
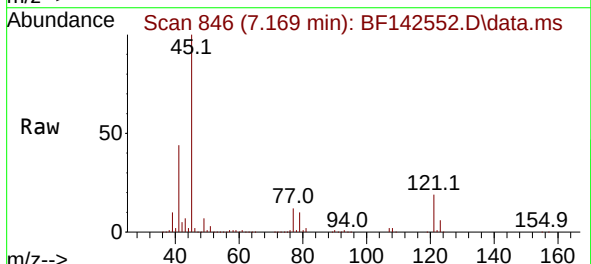
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

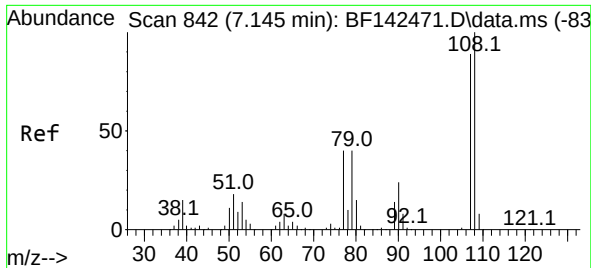
Tgt Ion: 79 Resp: 218911
Ion Ratio Lower Upper
79 100
108 80.1 62.1 93.1
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.419 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 45 Resp: 398626
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.5 0.0 29.2

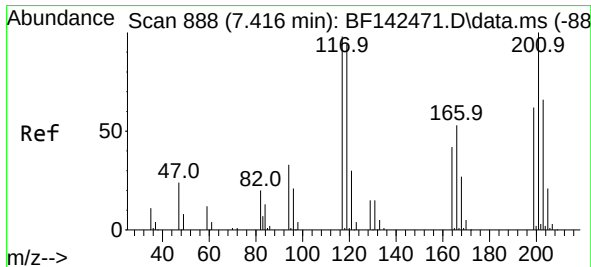
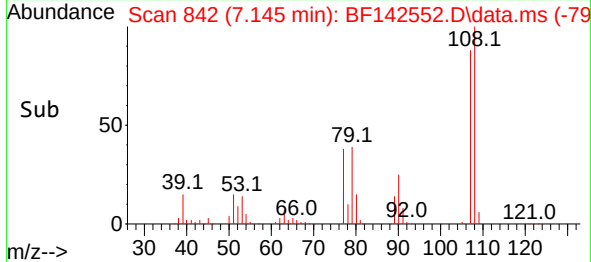
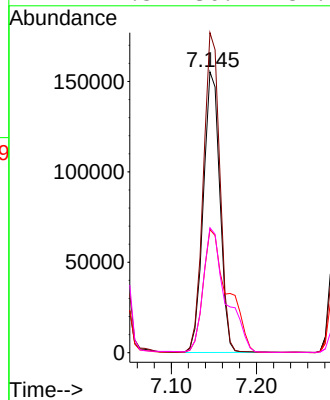
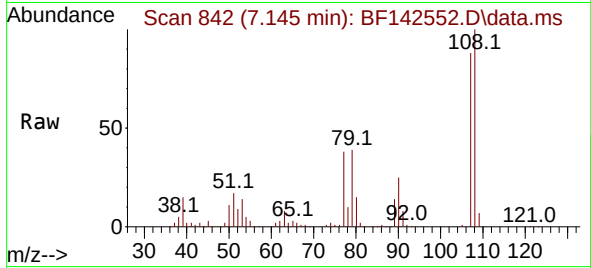




#17
2-Methylphenol
Concen: 38.726 ng
RT: 7.145 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

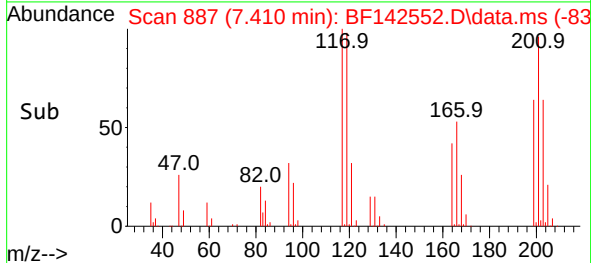
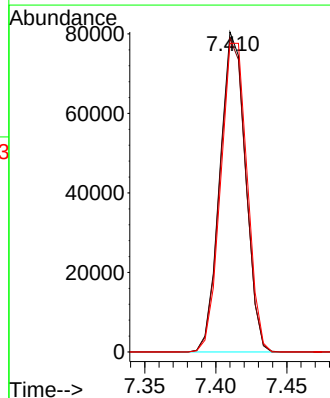
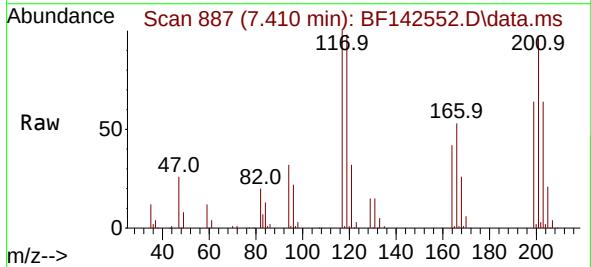
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

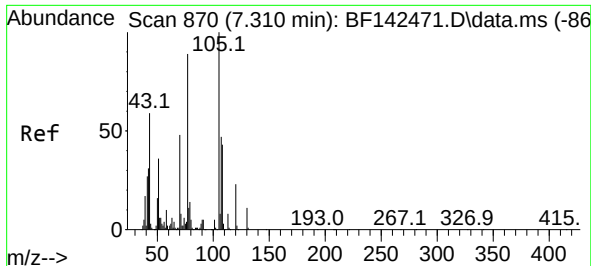
Tgt Ion:107 Resp: 208688
Ion Ratio Lower Upper
107 100
108 114.0 90.2 135.2
77 43.9 36.1 54.1
79 44.5 36.2 54.4



#18
Hexachloroethane
Concen: 37.234 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:117 Resp: 100869
Ion Ratio Lower Upper
117 100
119 98.0 76.6 114.8
201 96.5 81.3 121.9

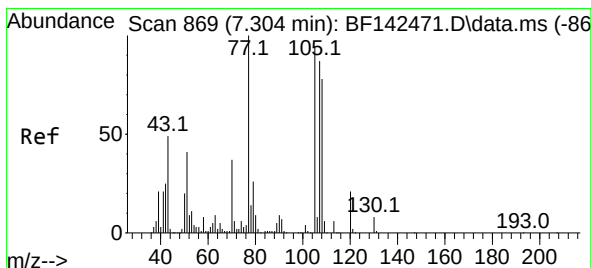
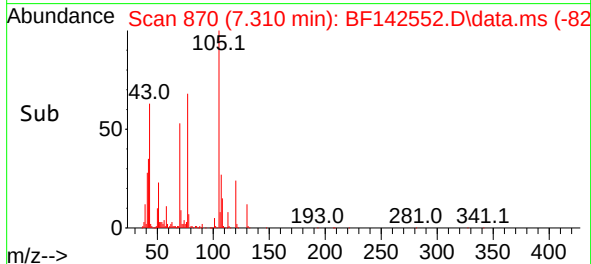
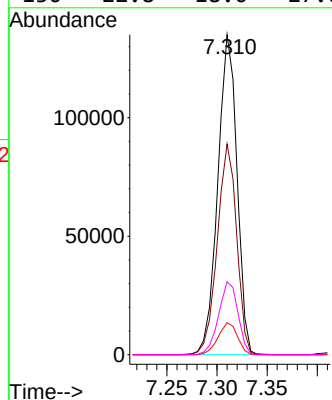
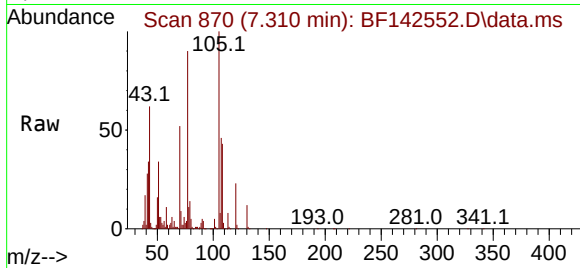




#19
n-Nitroso-di-n-propylamine
Concen: 37.966 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

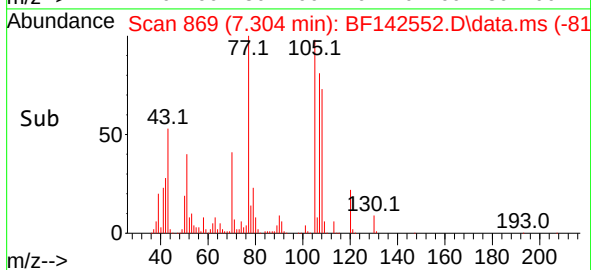
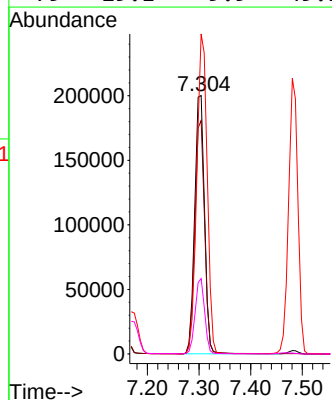
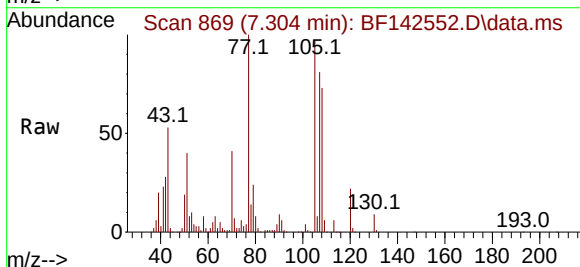
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

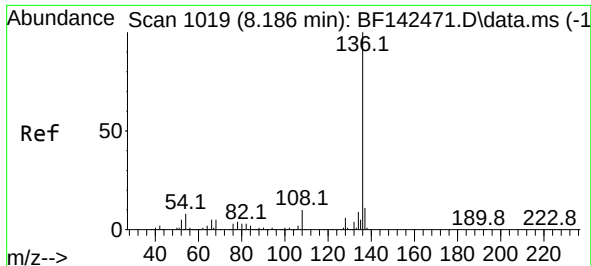
Tgt Ion: 70 Resp: 179487
Ion Ratio Lower Upper
70 100
42 65.9 52.4 78.6
101 10.0 7.8 11.8
130 22.8 18.0 27.0



#20
3+4-Methylphenols
Concen: 38.229 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 107 Resp: 263813
Ion Ratio Lower Upper
107 100
108 90.3 70.4 110.4
77 123.8 95.4 135.4
79 29.1 9.9 49.9

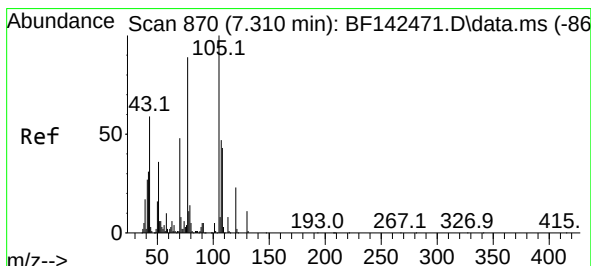
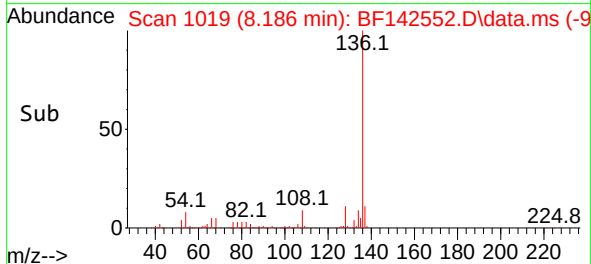
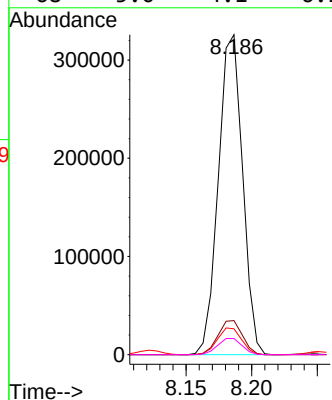
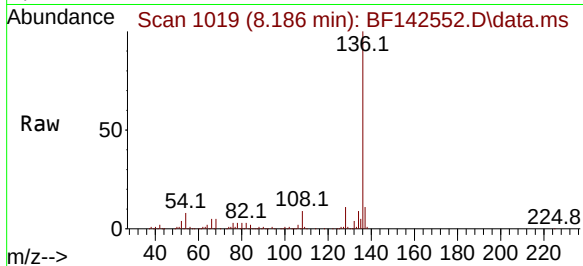




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

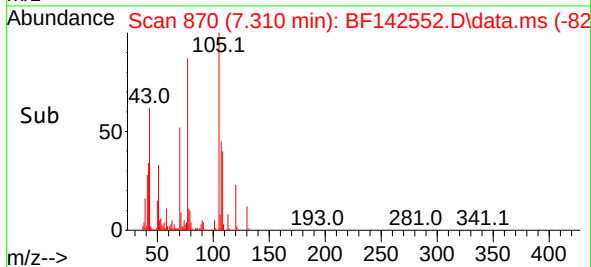
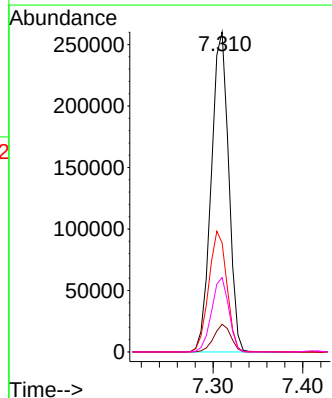
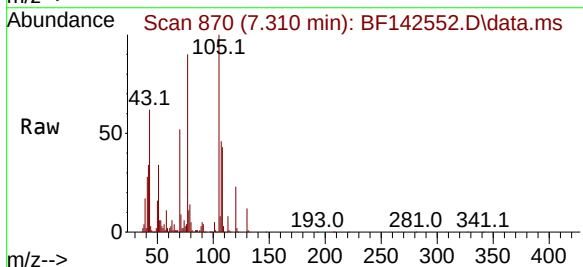
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

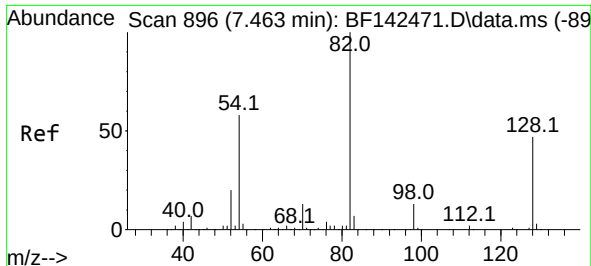
Tgt Ion:136	Resp: 418300
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.1	6.6 10.0
68 5.0	4.1 6.1



#22
Acetophenone
Concen: 37.789 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt	Ion:105	Resp:	349918
Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.4	9.6
51	34.0	28.6	42.8
120	23.3	18.5	27.7





#23

Nitrobenzene-d5

Concen: 76.442 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

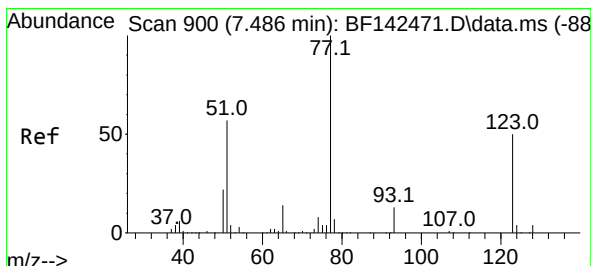
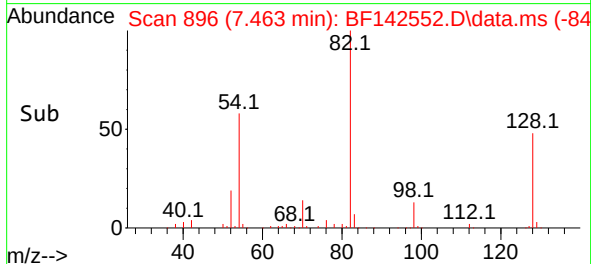
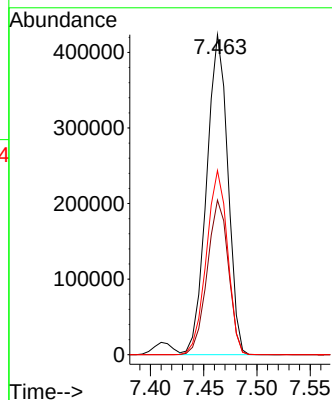
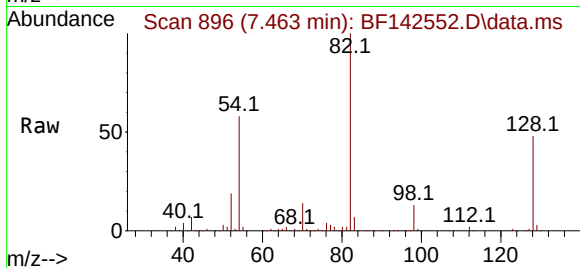
Tgt Ion: 82 Resp: 586402

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 57.5 46.6 70.0



#24

Nitrobenzene

Concen: 38.672 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

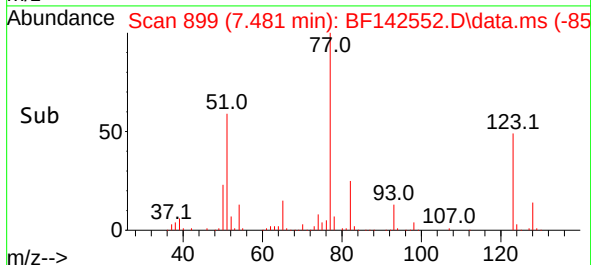
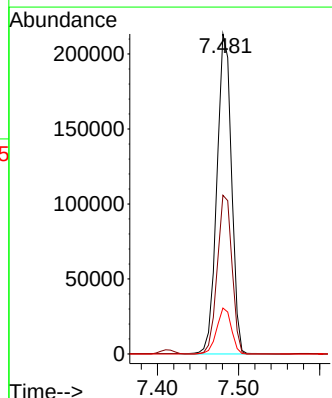
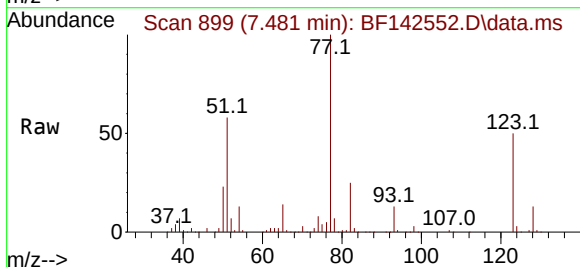
Tgt Ion: 77 Resp: 267559

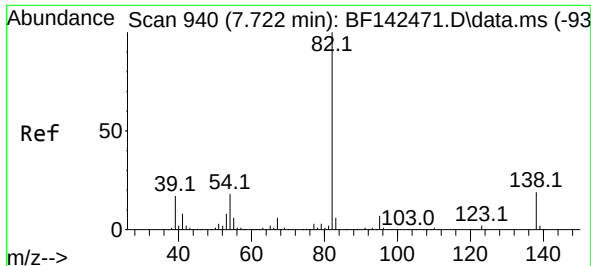
Ion Ratio Lower Upper

77 100

123 49.6 40.6 61.0

65 14.3 11.4 17.2

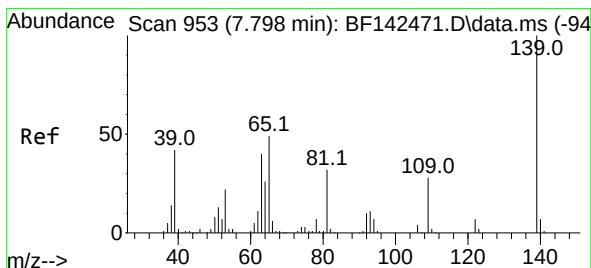
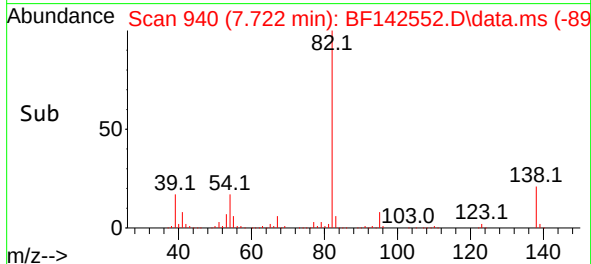
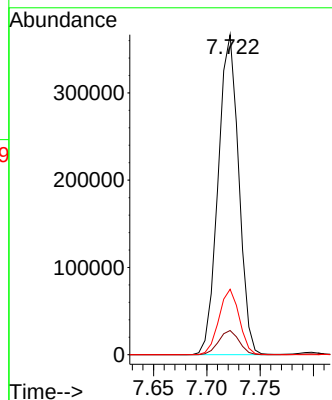
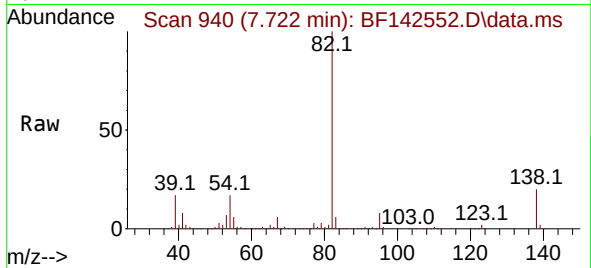




#25
Isophorone
Concen: 38.373 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

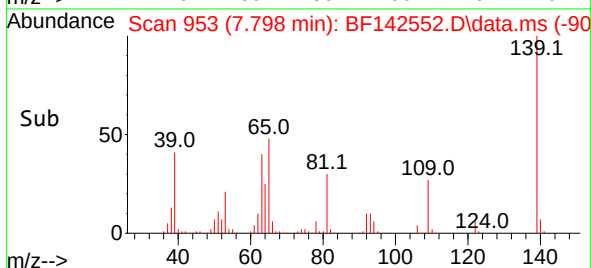
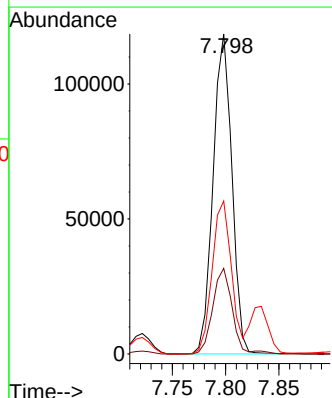
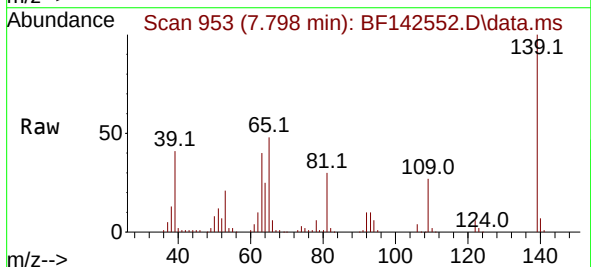
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

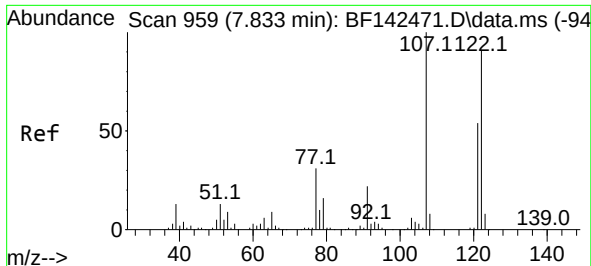
Tgt Ion: 82 Resp: 492161
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.4 15.5 23.3



#26
2-Nitrophenol
Concen: 39.241 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:139 Resp: 145072
Ion Ratio Lower Upper
139 100
109 26.7 22.6 33.8
65 47.8 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 38.260 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

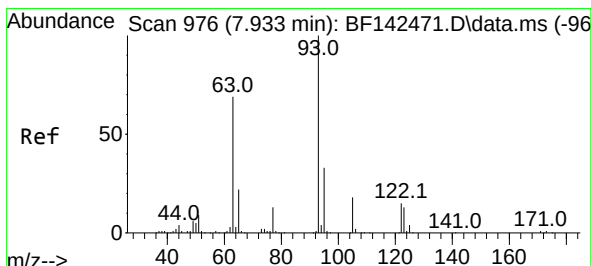
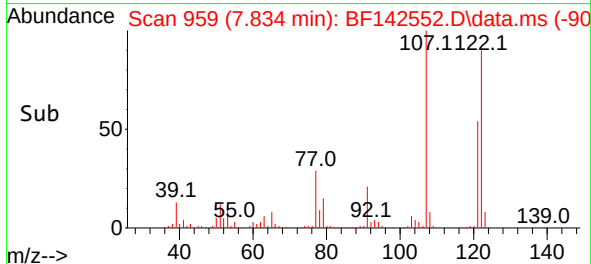
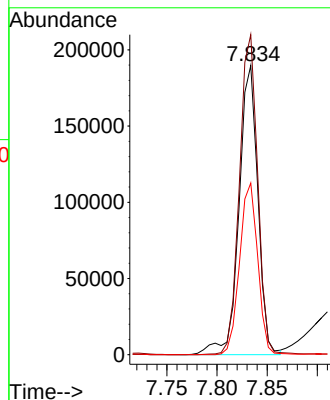
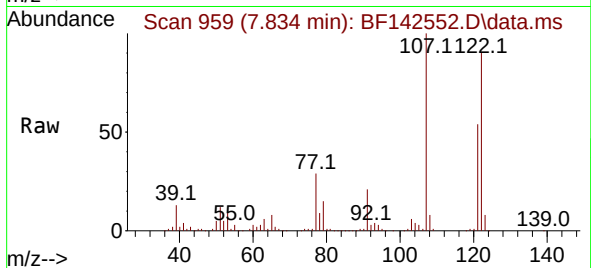
Tgt Ion:122 Resp: 249437

Ion Ratio Lower Upper

122 100

107 110.7 88.1 132.1

121 59.4 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 37.916 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

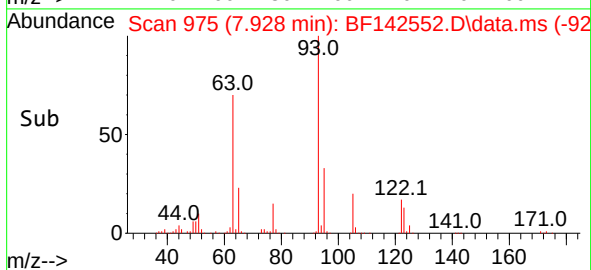
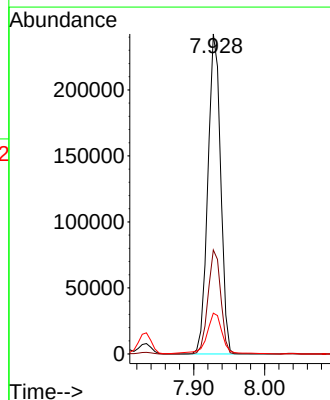
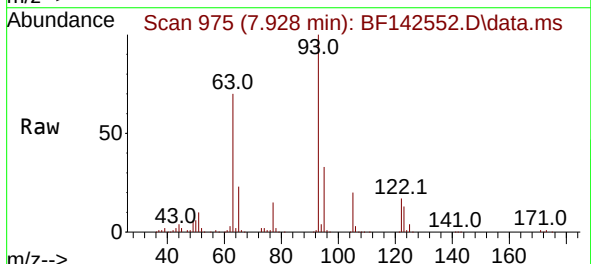
Tgt Ion: 93 Resp: 303778

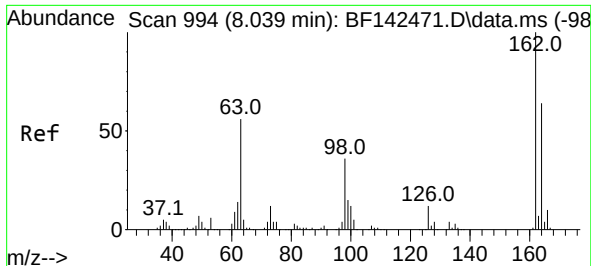
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 39.080 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142552.D

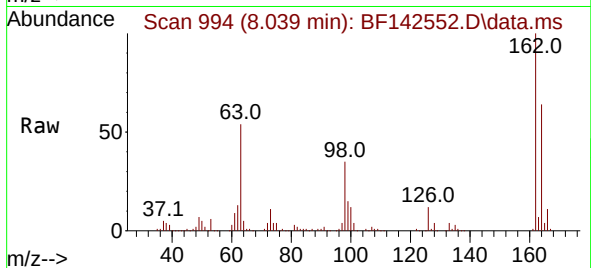
Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



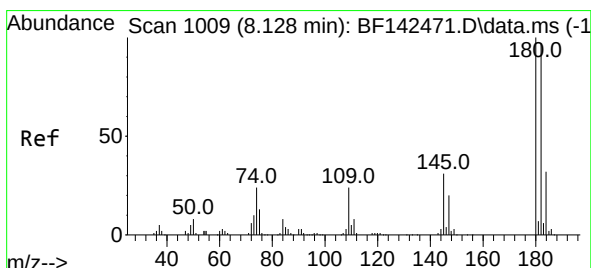
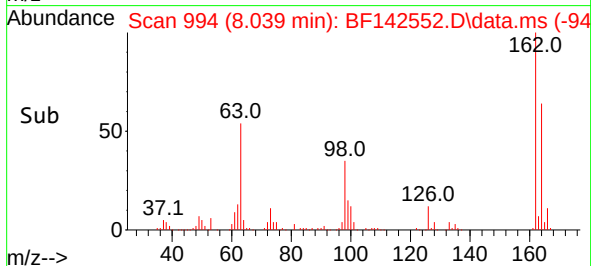
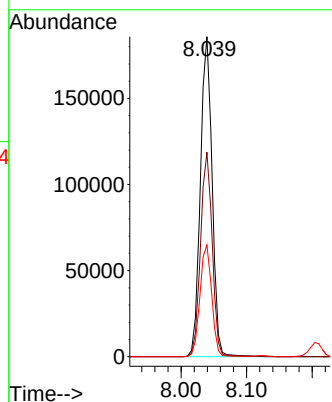
Tgt Ion:162 Resp: 231708

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 34.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 37.911 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

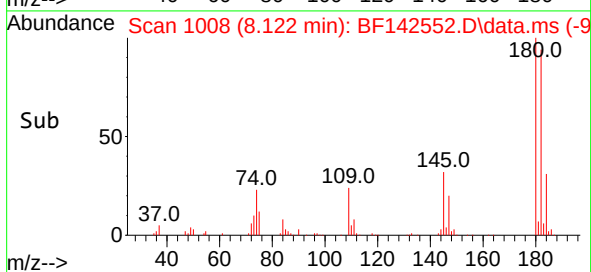
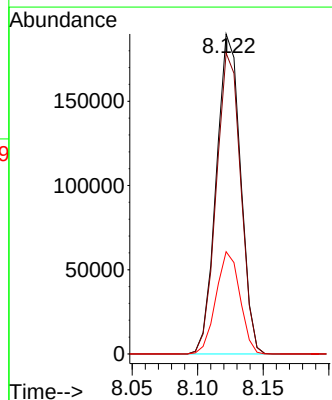
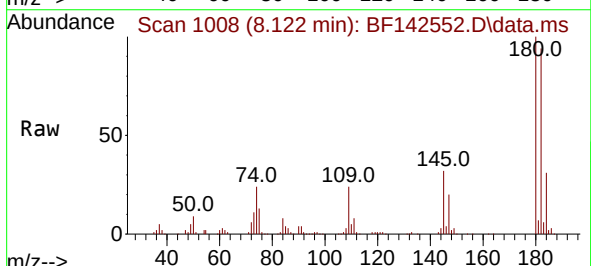
Tgt Ion:180 Resp: 243943

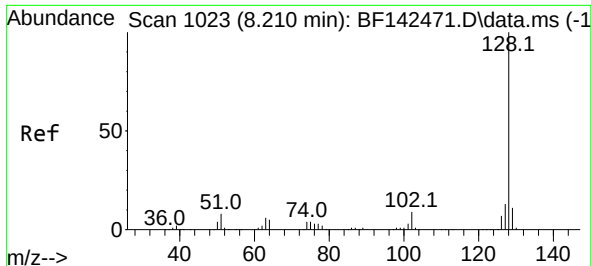
Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 31.9 25.0 37.6

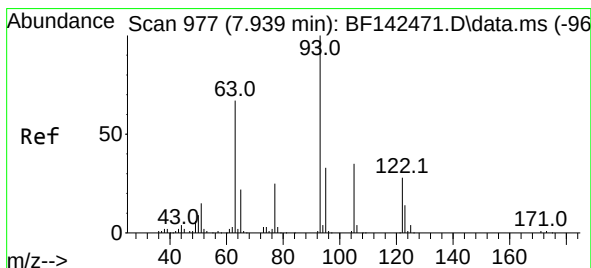
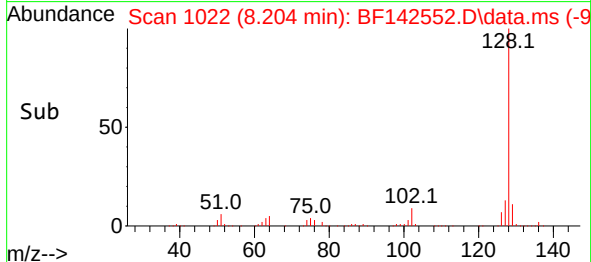
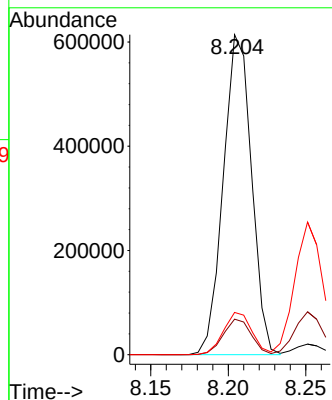
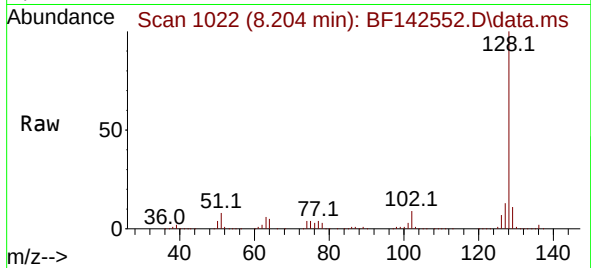




#31
Naphthalene
Concen: 37.738 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

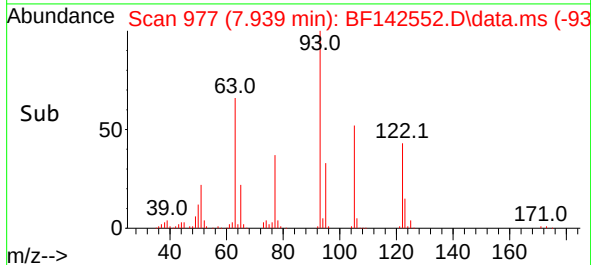
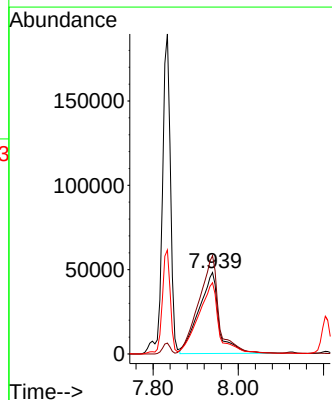
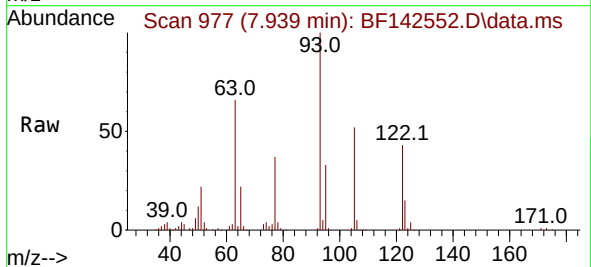
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

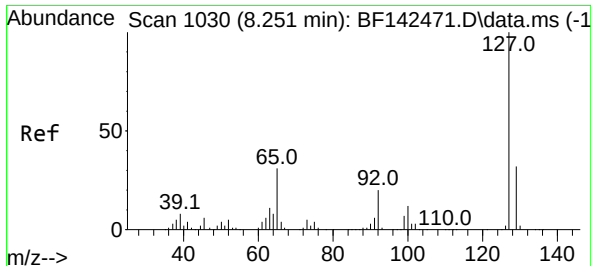
Tgt Ion:128 Resp: 777276
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 40.011 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:122 Resp: 158786
Ion Ratio Lower Upper
122 100
105 120.6 101.7 141.7
77 87.3 69.5 109.5

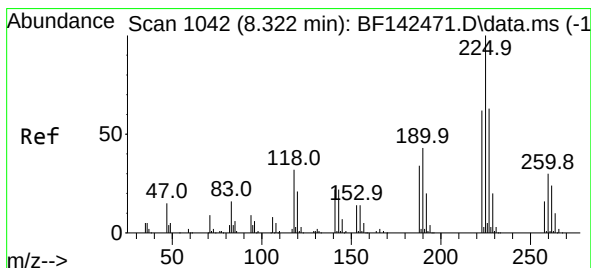
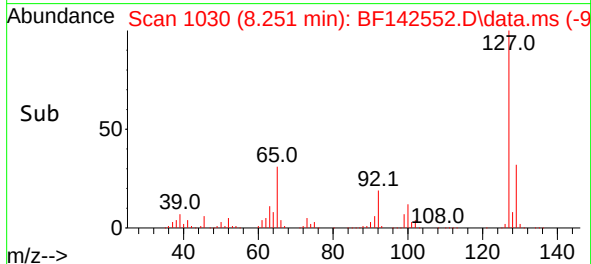
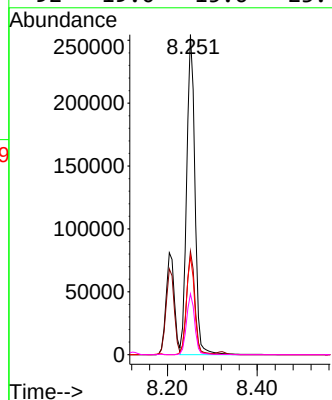
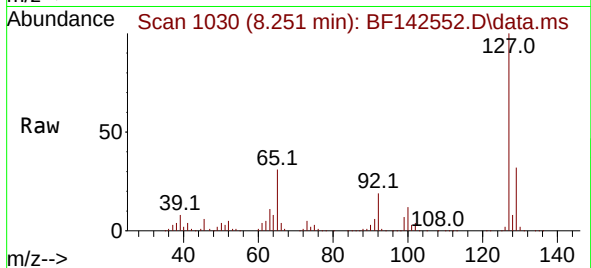




#33
4-Chloroaniline
Concen: 39.015 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

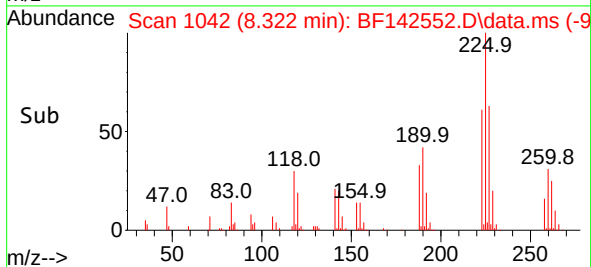
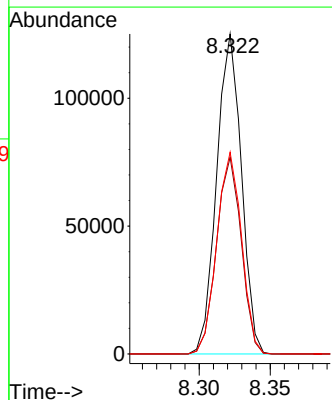
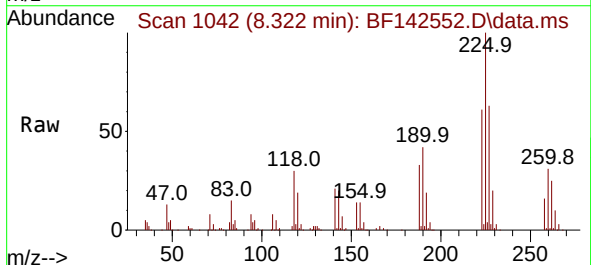
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

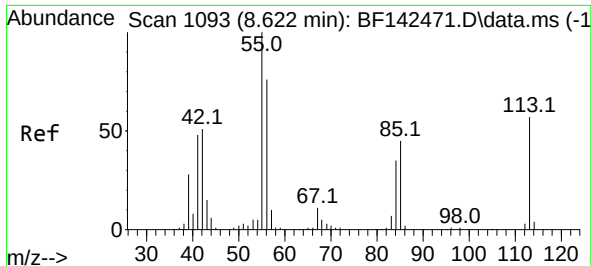
Tgt Ion:127	Resp: 325620
Ion Ratio	Lower Upper
127 100	
129 32.4	26.1 39.1
65 30.7	24.9 37.3
92 19.0	15.6 23.4



#34
Hexachlorobutadiene
Concen: 37.725 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:225	Resp: 151568
Ion Ratio	Lower Upper
225 100	
223 61.5	49.7 74.5
227 63.1	50.3 75.5

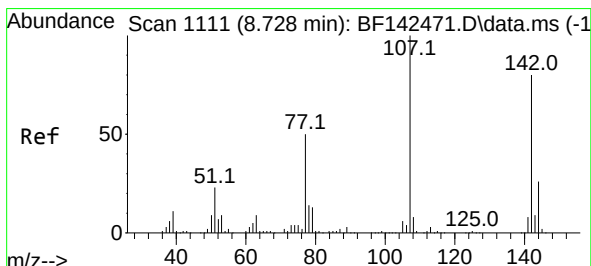
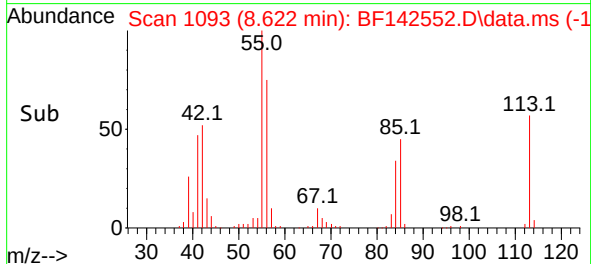
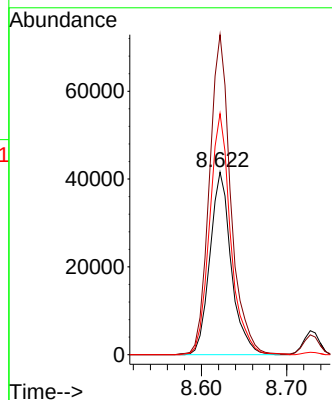
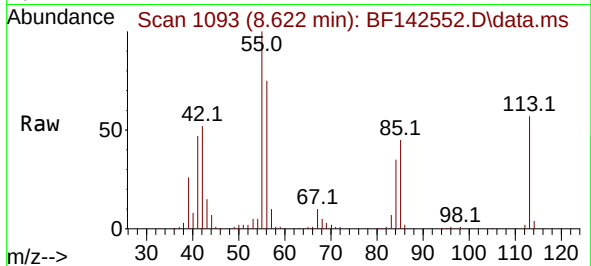




#35
 Caprolactam
 Concen: 43.382 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

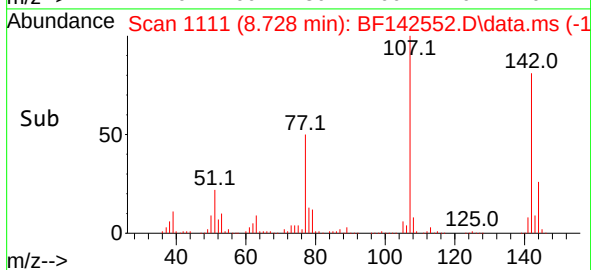
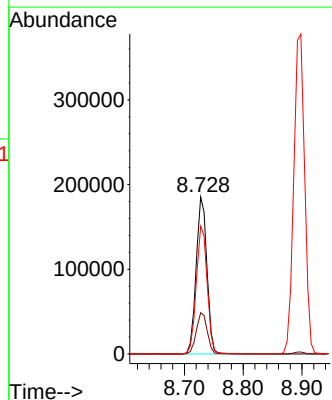
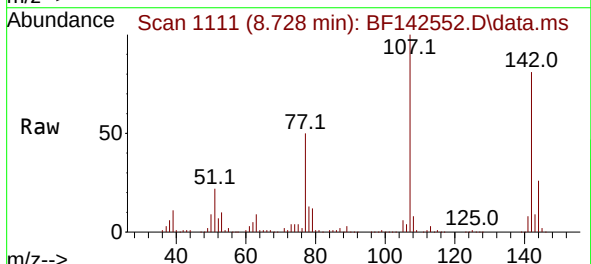
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

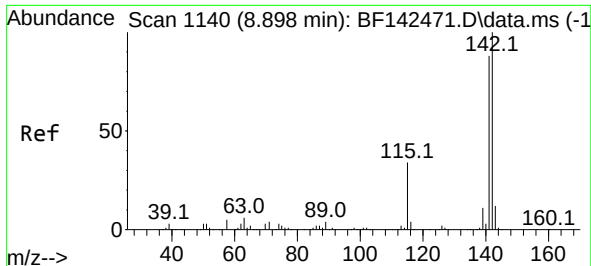
Tgt Ion:113 Resp: 72240
 Ion Ratio Lower Upper
 113 100
 55 175.3 154.7 194.7
 56 132.1 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.004 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

Tgt Ion:107 Resp: 237000
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.9 31.3
 142 81.3 64.2 96.2

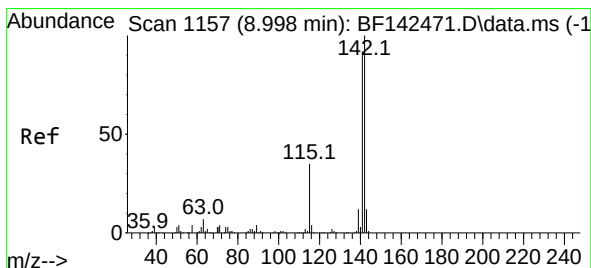
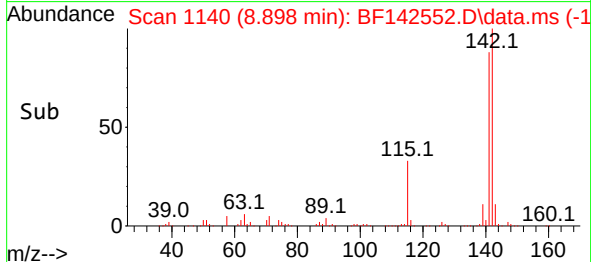
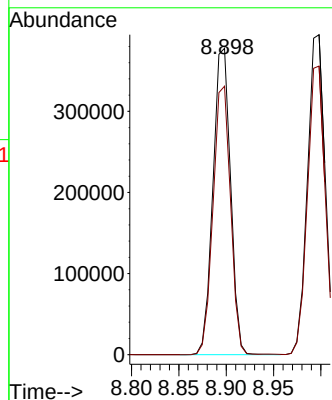
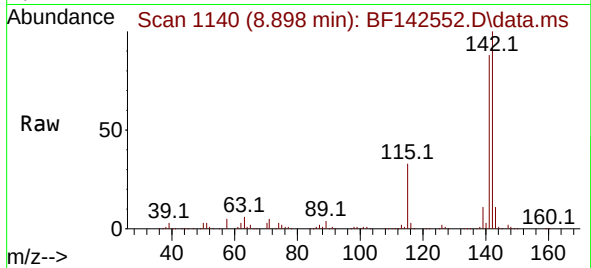




#37
2-Methylnaphthalene
Concen: 37.572 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

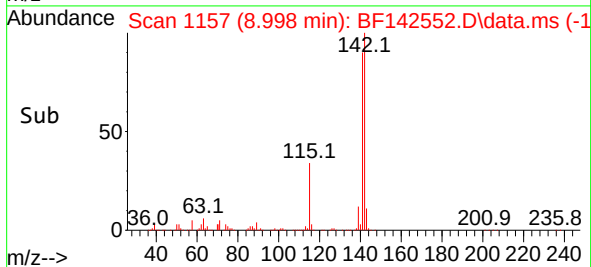
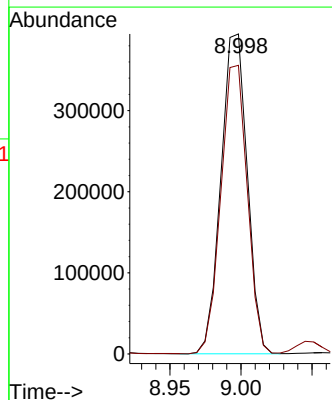
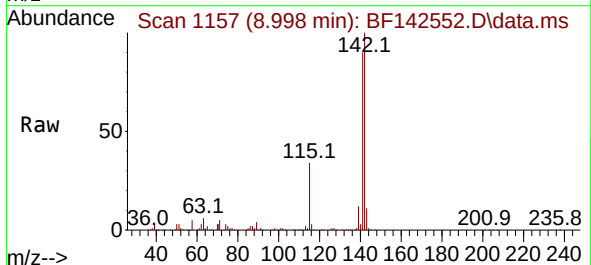
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

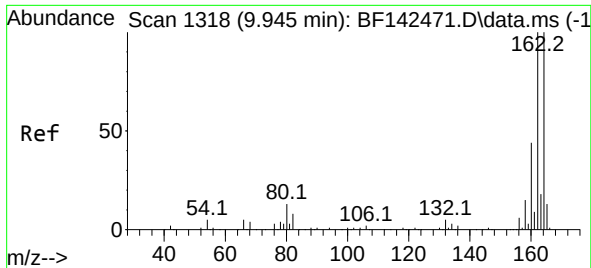
Tgt Ion:142 Resp: 486858
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1



#38
1-Methylnaphthalene
Concen: 37.988 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:142 Resp: 509169
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

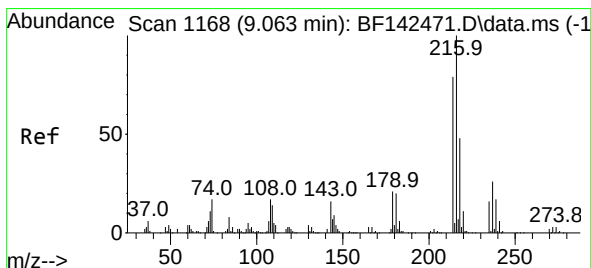
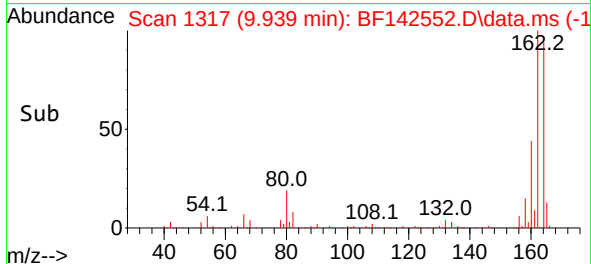
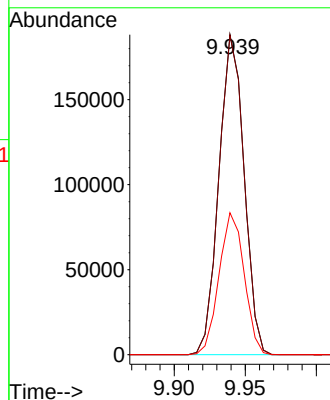
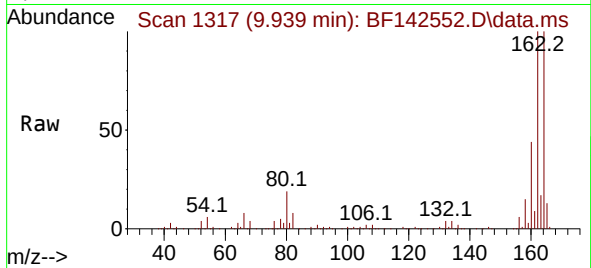
Tgt Ion:164 Resp: 232077

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.4

160 44.3 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.063 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Tgt Ion:216 Resp: 246912

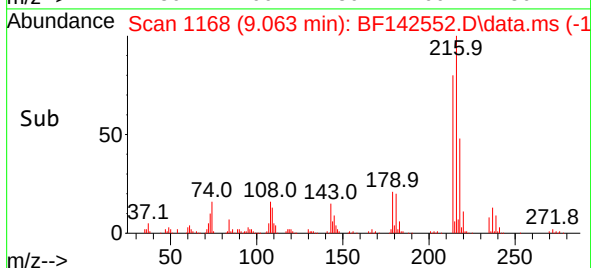
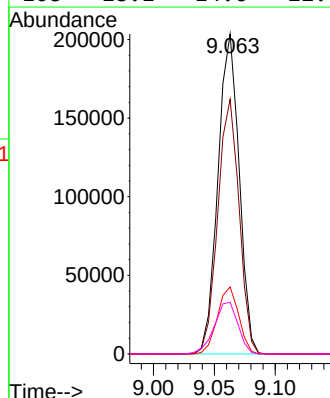
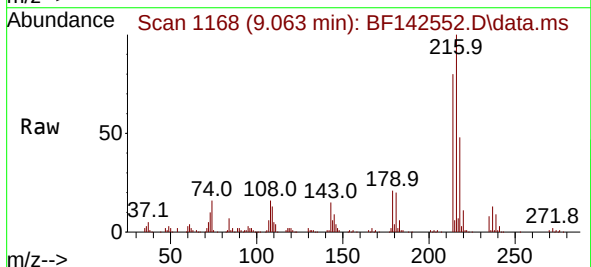
Ion Ratio Lower Upper

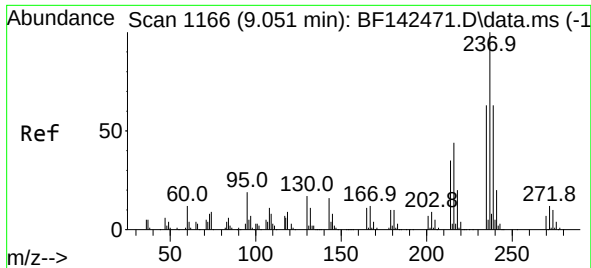
216 100

214 79.9 62.9 94.3

179 21.0 16.9 25.3

108 18.1 14.6 22.0

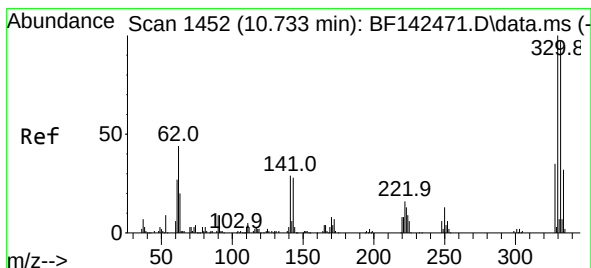
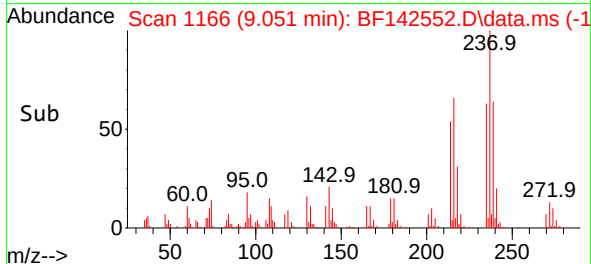
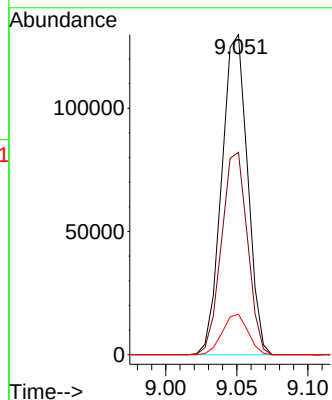
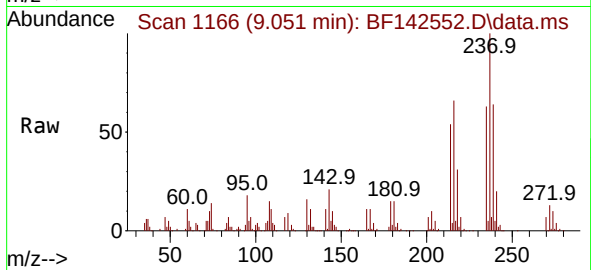




#41
Hexachlorocyclopentadiene
Concen: 36.627 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

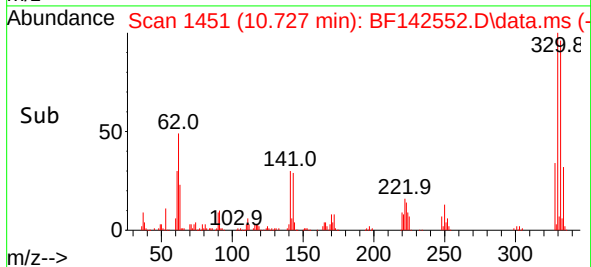
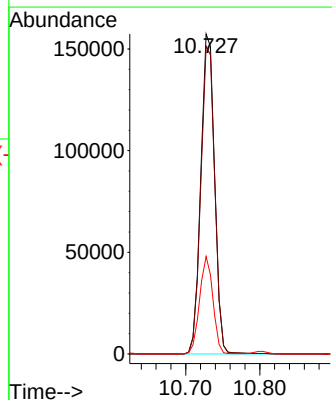
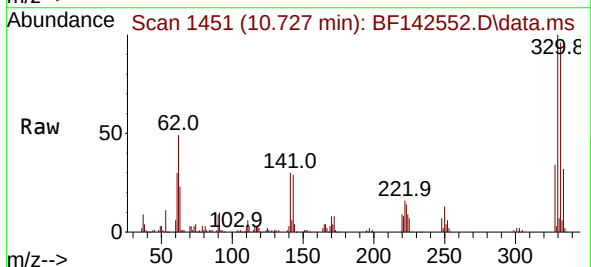
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

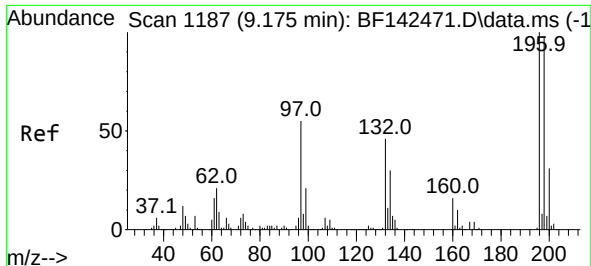
Tgt Ion:237 Resp: 164606
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 78.939 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:330 Resp: 203328
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 29.4 24.6 36.8

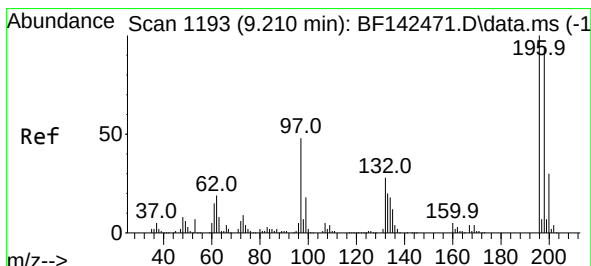
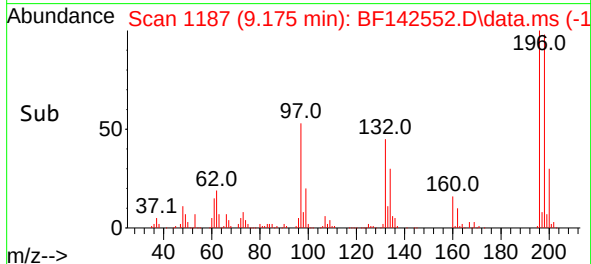
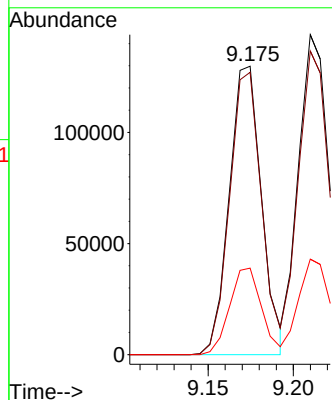
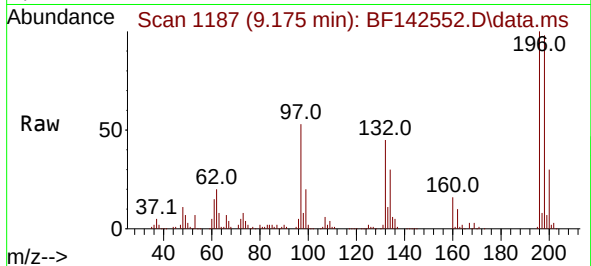




#43
2,4,6-Trichlorophenol
Concen: 38.001 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

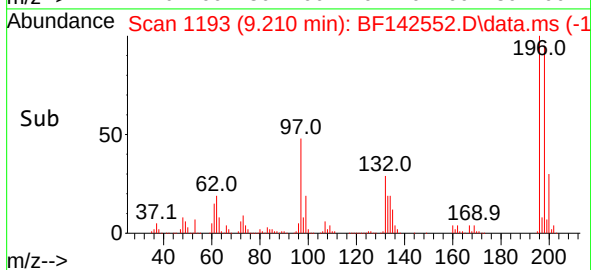
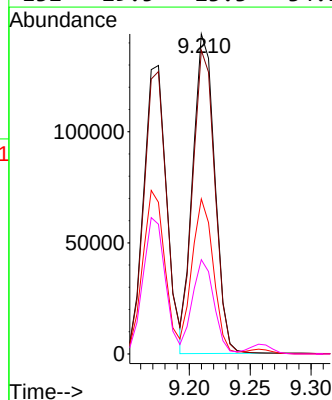
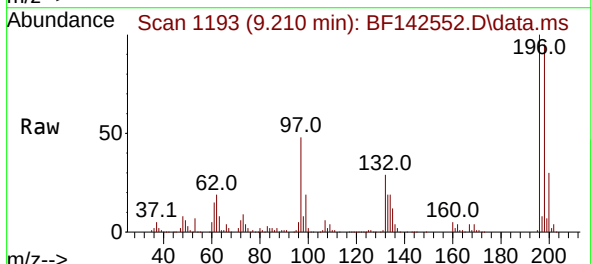
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

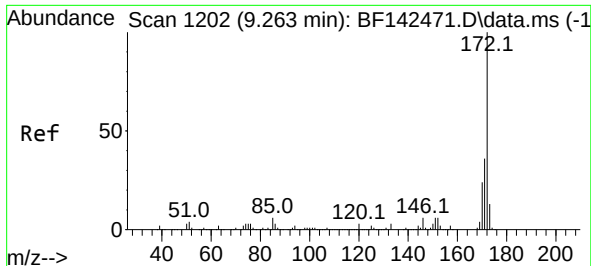
Tgt Ion:196 Resp: 170709
Ion Ratio Lower Upper
196 100
198 97.9 78.8 118.2
200 30.0 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 38.111 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:196 Resp: 180562
Ion Ratio Lower Upper
196 100
198 94.9 75.5 113.3
97 48.5 39.3 58.9
132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 72.255 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

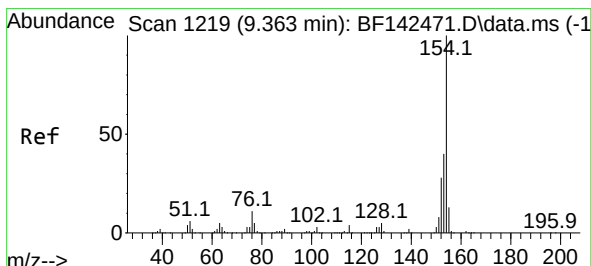
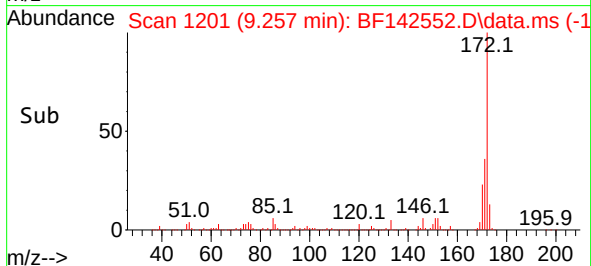
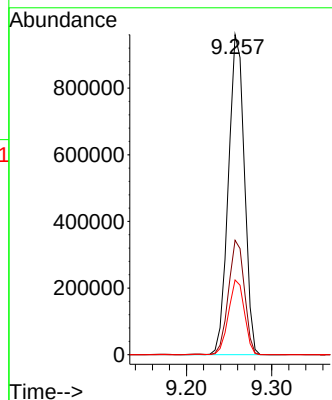
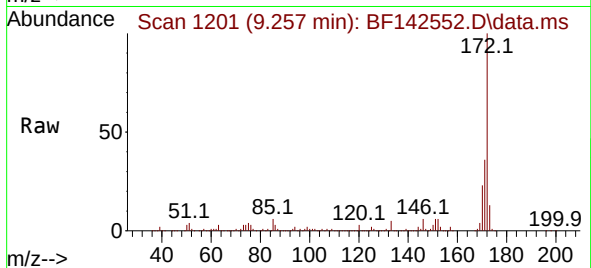
Tgt Ion:172 Resp: 1249653

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 37.289 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

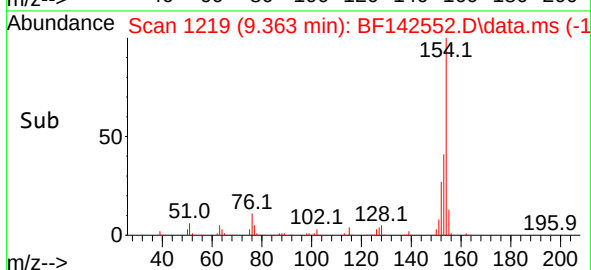
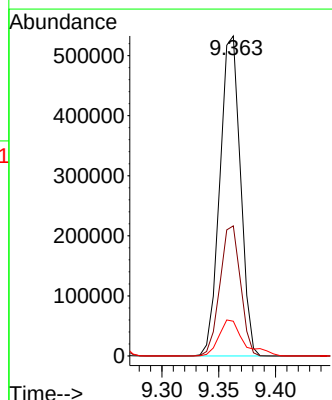
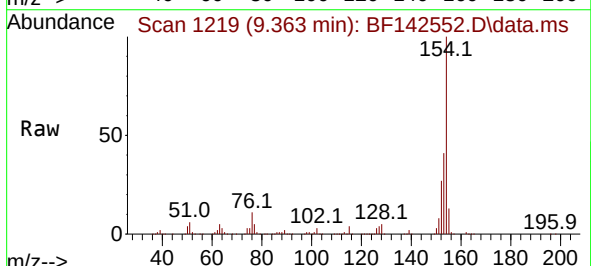
Tgt Ion:154 Resp: 671392

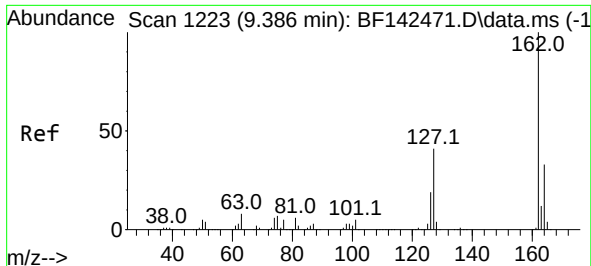
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 10.9 0.0 30.8

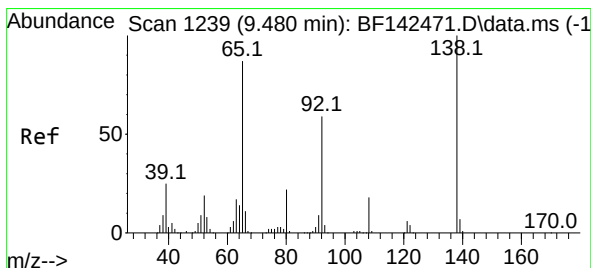
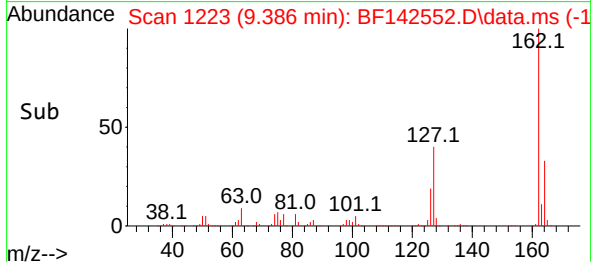
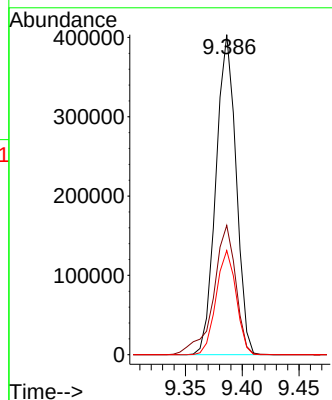
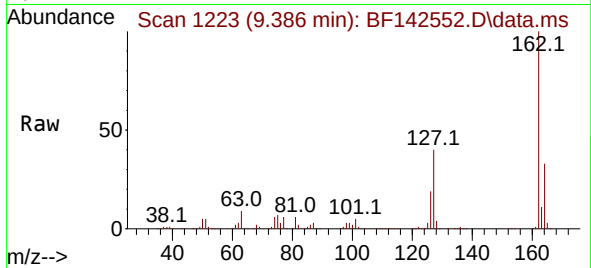




#47
2-Chloronaphthalene
Concen: 37.447 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

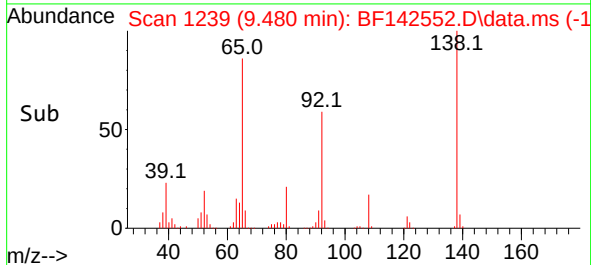
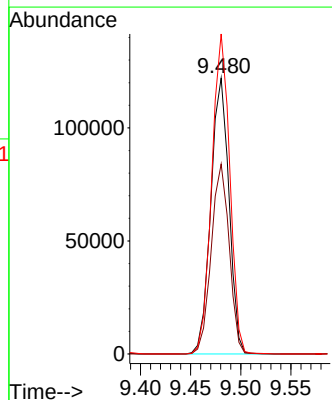
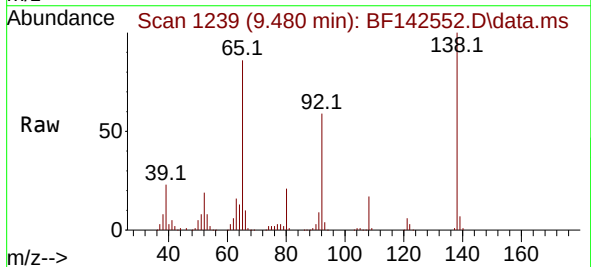
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

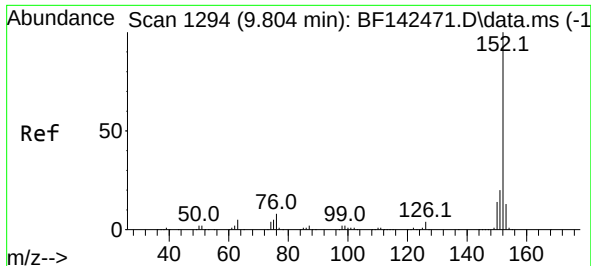
Tgt Ion:162 Resp: 498146
Ion Ratio Lower Upper
162 100
127 40.4 33.5 50.3
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 40.019 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion: 65 Resp: 153877
Ion Ratio Lower Upper
65 100
92 68.8 54.4 81.6
138 116.0 91.4 137.2





#49

Acenaphthylene

Concen: 37.968 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

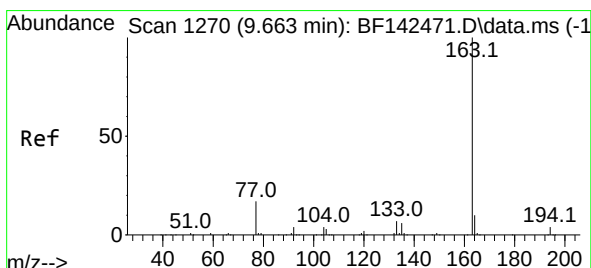
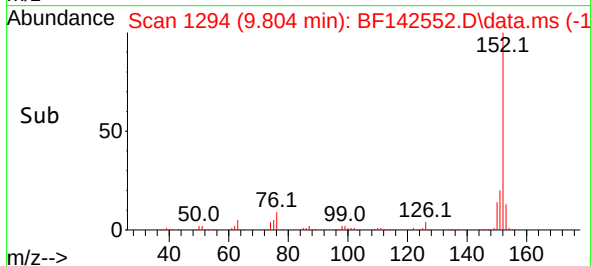
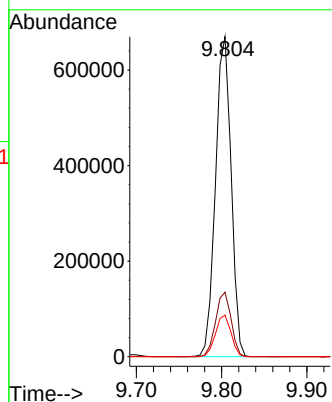
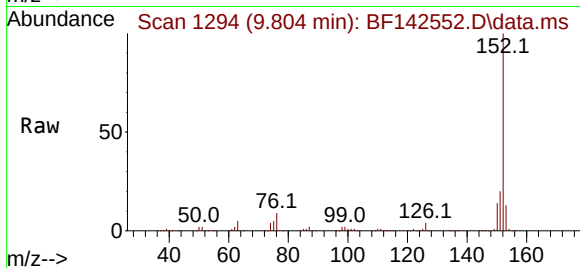
Tgt Ion:152 Resp: 852870

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 38.123 ng

RT: 9.657 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

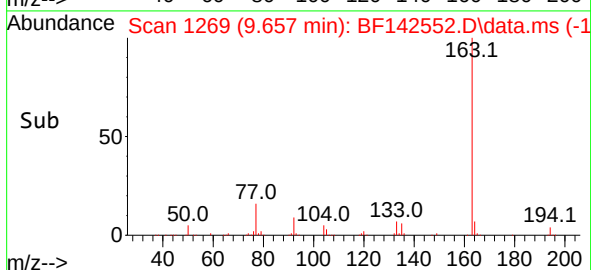
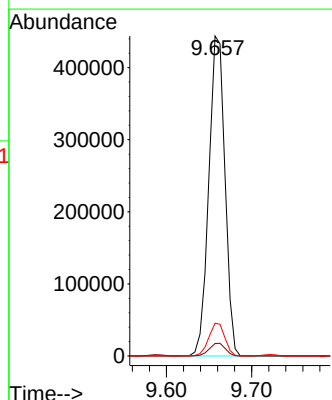
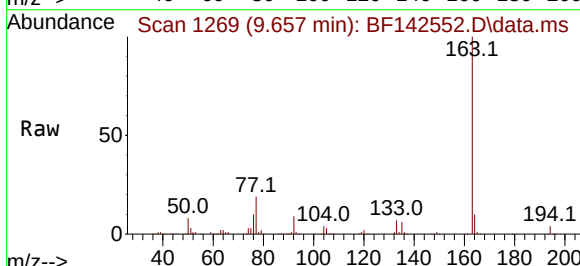
Tgt Ion:163 Resp: 583790

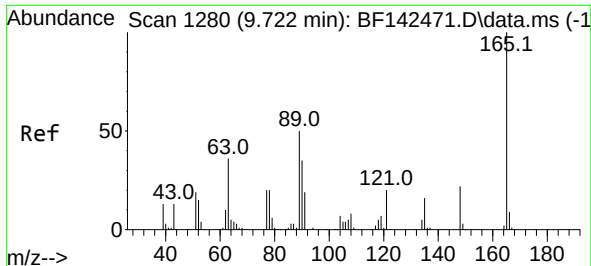
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 8.2 12.4

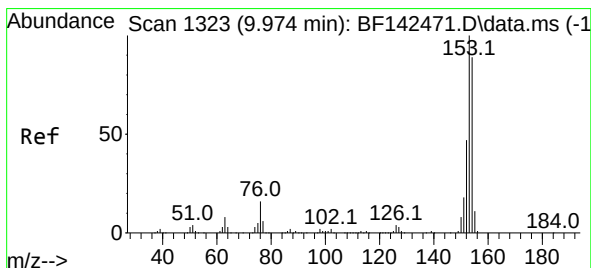
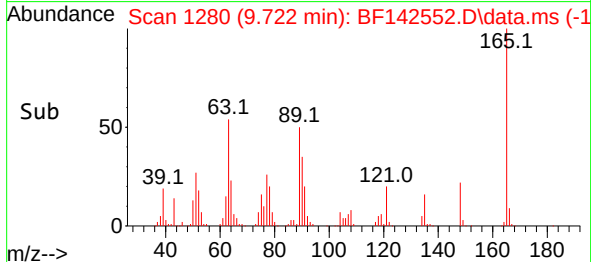
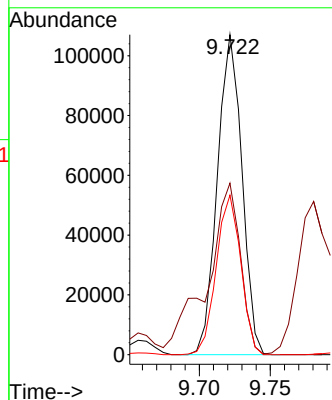
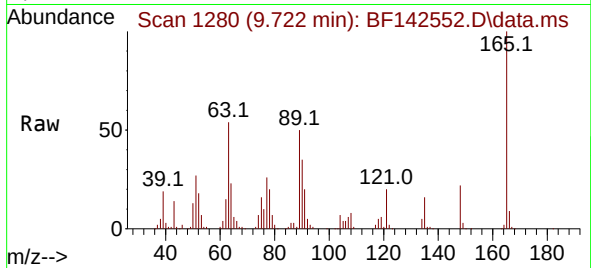




#51
2,6-Dinitrotoluene
Concen: 38.908 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

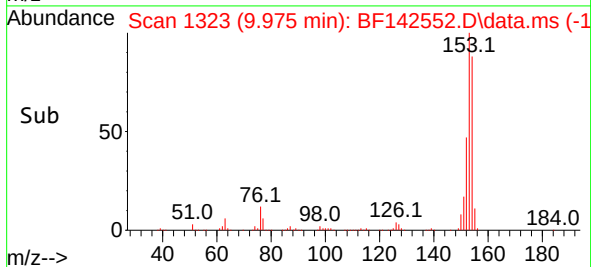
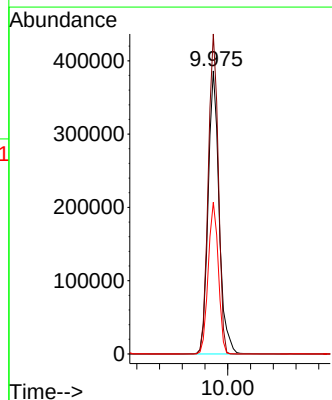
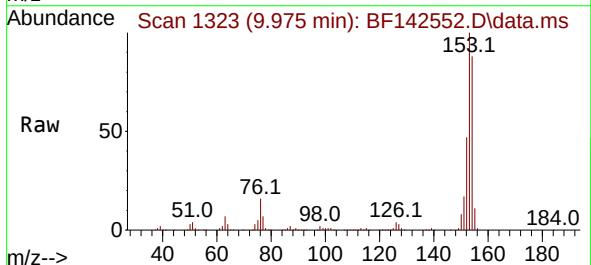
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

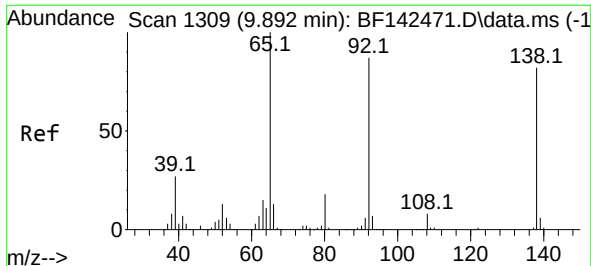
Tgt Ion:165 Resp: 128595
Ion Ratio Lower Upper
165 100
63 53.6 42.9 64.3
89 49.9 40.2 60.4



#52
Acenaphthene
Concen: 37.485 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:154 Resp: 514152
Ion Ratio Lower Upper
154 100
153 113.0 90.0 135.0
152 53.6 42.6 64.0

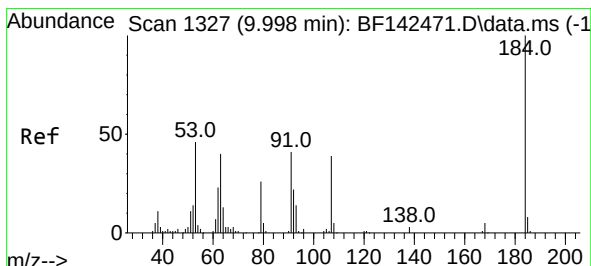
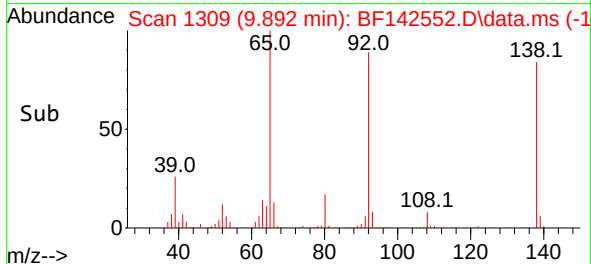
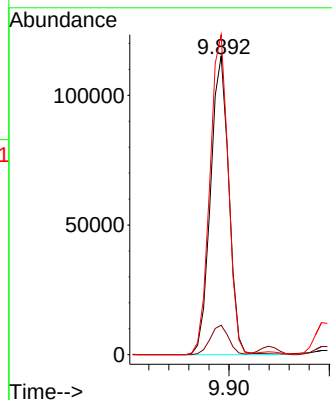
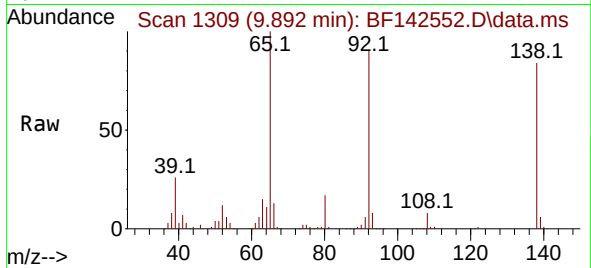




#53
3-Nitroaniline
Concen: 40.382 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

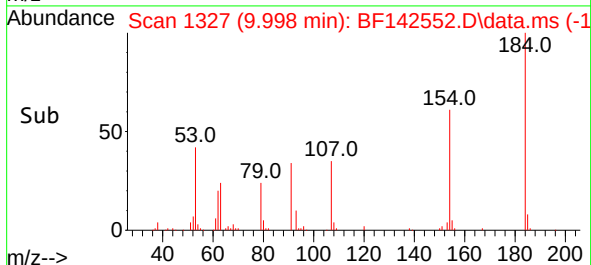
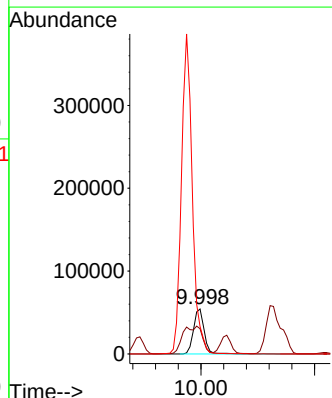
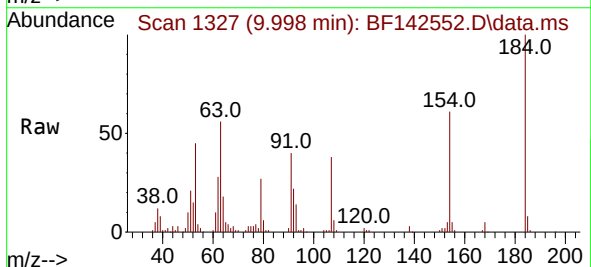
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

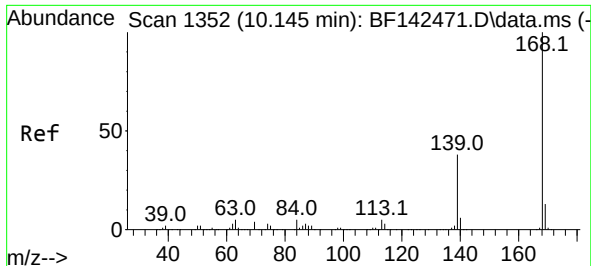
Tgt Ion:138 Resp: 145777
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 107.1 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 41.780 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:184 Resp: 71340
Ion Ratio Lower Upper
184 100
63 56.0 46.3 69.5
154 61.0 56.8 85.2

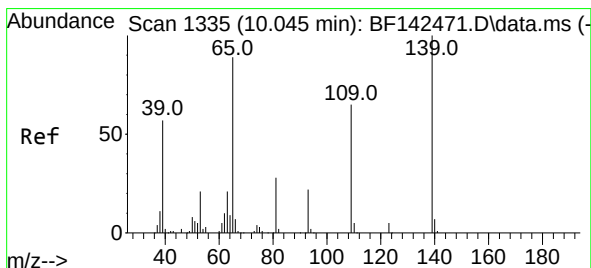
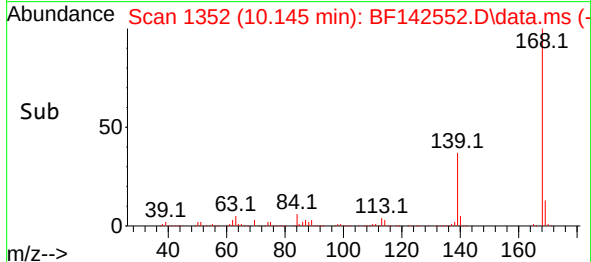
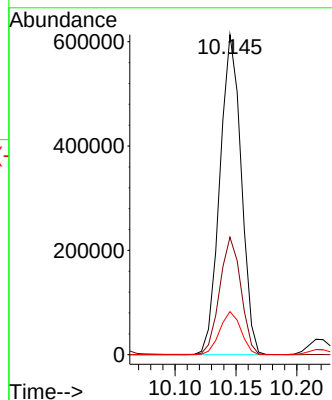
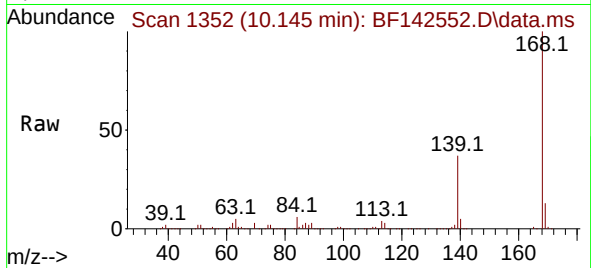




#55
Dibenzofuran
Concen: 37.962 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

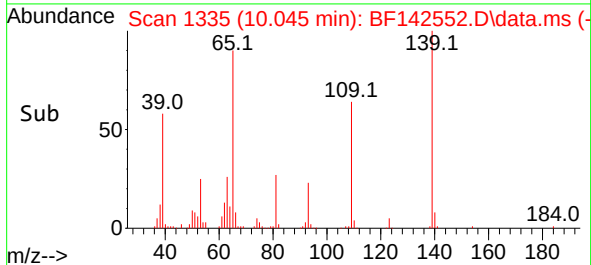
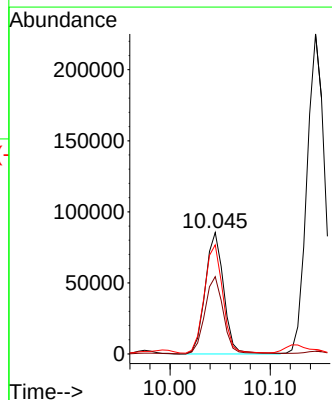
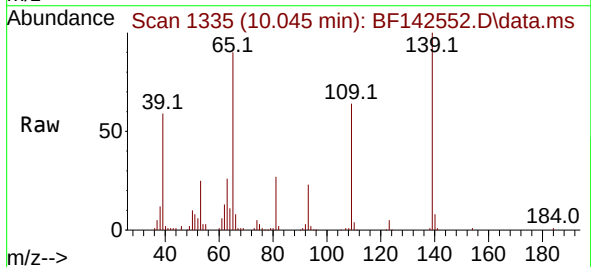
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

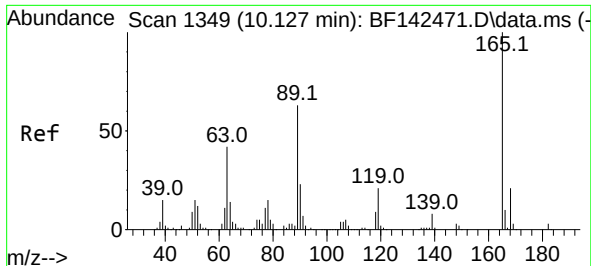
Tgt Ion:168 Resp: 749292
Ion Ratio Lower Upper
168 100
139 36.7 30.2 45.2
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 41.206 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:139 Resp: 109755
Ion Ratio Lower Upper
139 100
109 63.6 45.1 85.1
65 89.9 69.7 109.7





#57

2,4-Dinitrotoluene

Concen: 41.301 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 178266

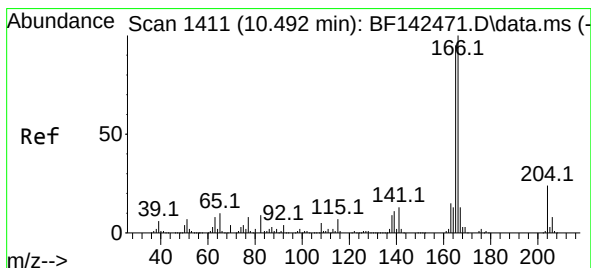
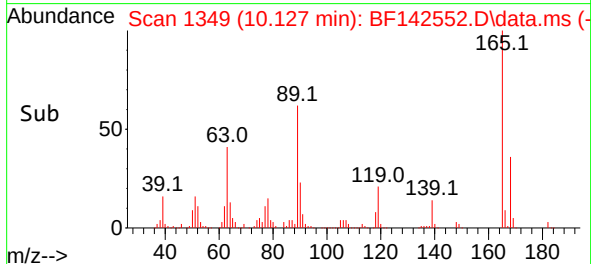
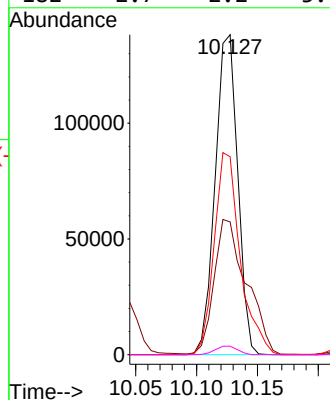
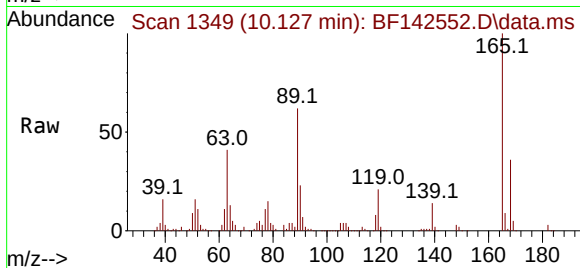
Ion Ratio Lower Upper

165 100

63 41.5 33.6 50.4

89 61.8 50.2 75.4

182 2.7 2.2 3.4



#58

Fluorene

Concen: 38.127 ng

RT: 10.486 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

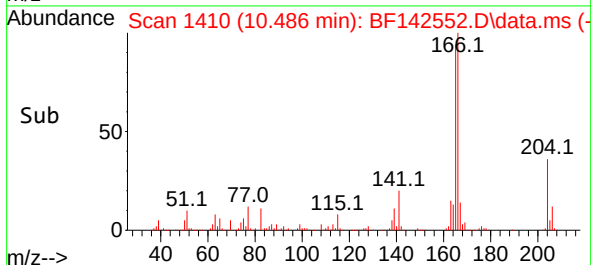
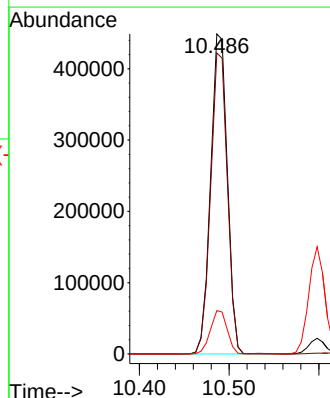
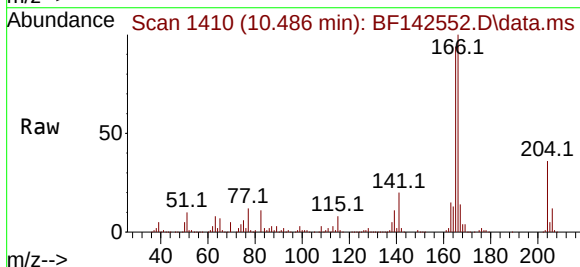
Tgt Ion:166 Resp: 581375

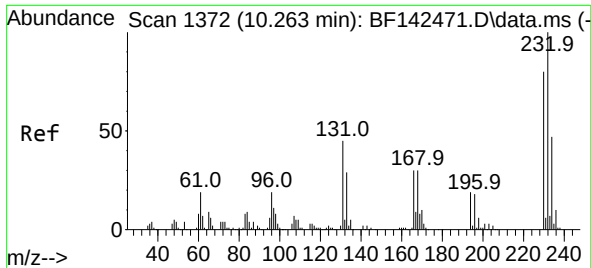
Ion Ratio Lower Upper

166 100

165 94.1 75.8 113.8

167 13.6 10.6 16.0

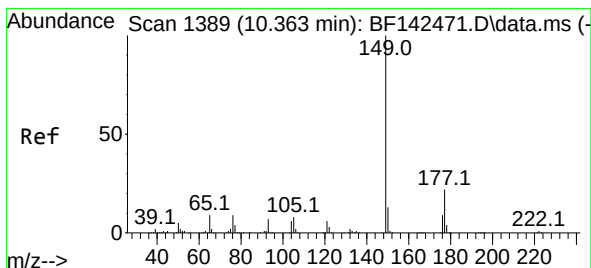
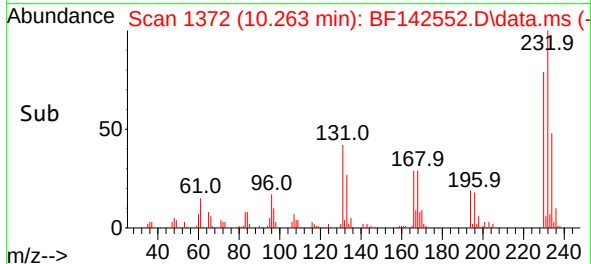
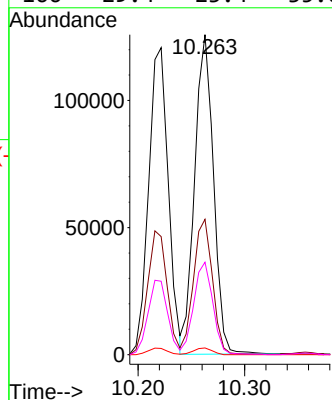
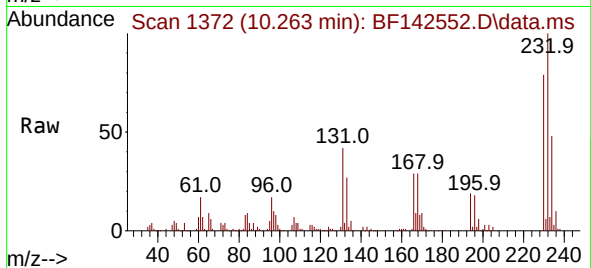




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.117 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

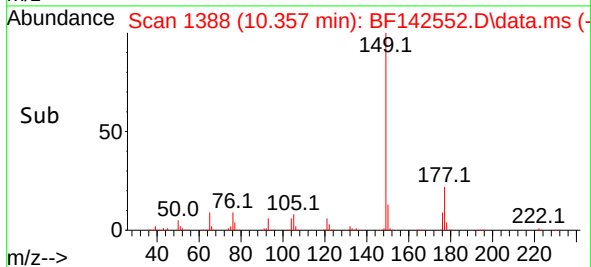
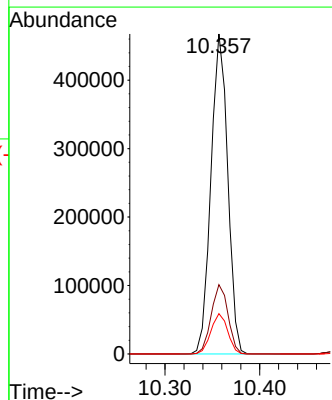
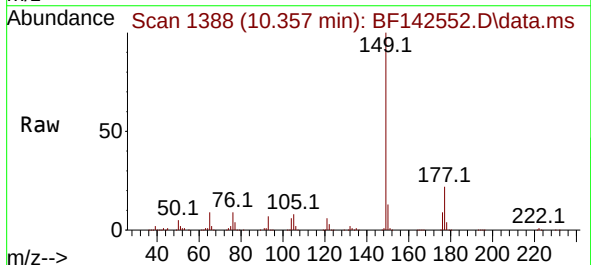
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

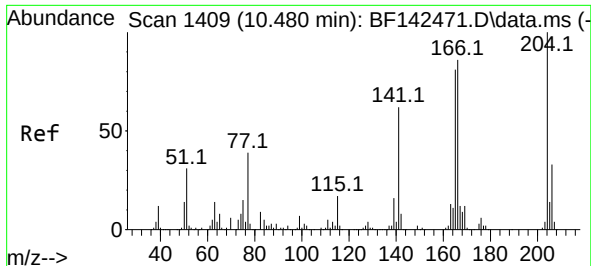
Tgt Ion:232 Resp: 154712
Ion Ratio Lower Upper
232 100
131 43.0 35.2 52.8
130 2.1 1.7 2.5
166 29.4 23.4 35.0



#60
Diethylphthalate
Concen: 38.490 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:149 Resp: 575641
Ion Ratio Lower Upper
149 100
177 21.6 17.6 26.4
150 12.6 10.1 15.1

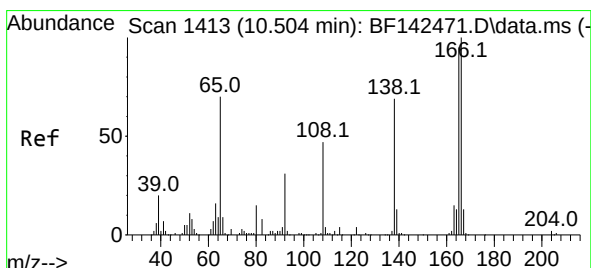
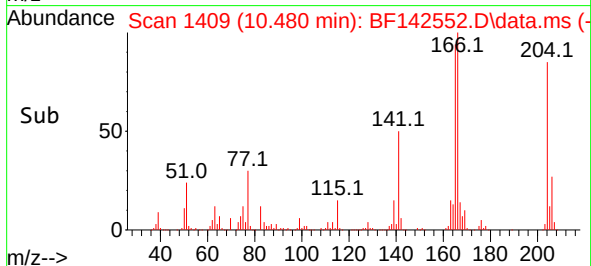
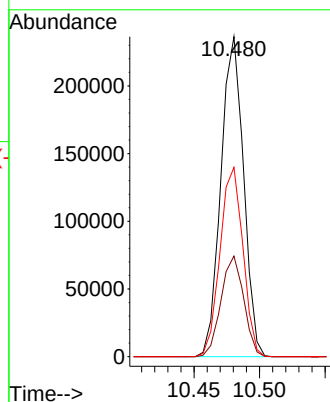
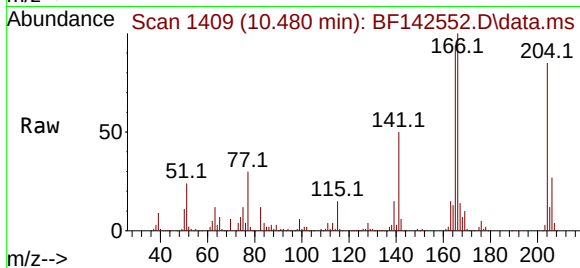




#61
4-Chlorophenyl-phenylether
Concen: 37.878 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

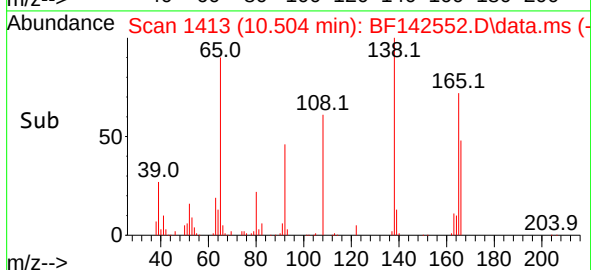
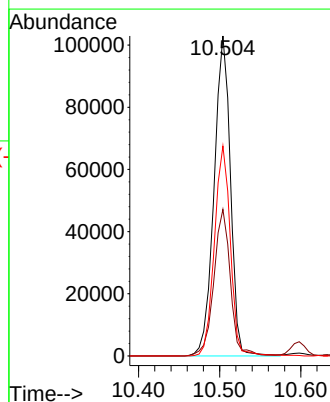
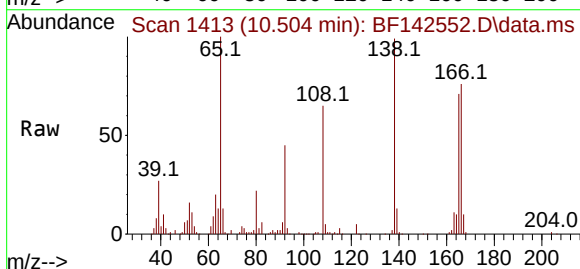
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

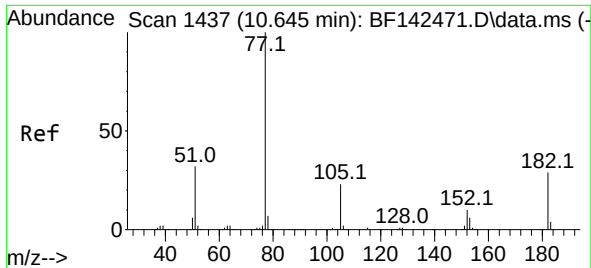
Tgt Ion:204 Resp: 283736
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 59.1 49.5 74.3



#62
4-Nitroaniline
Concen: 44.178 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:138 Resp: 144639
Ion Ratio Lower Upper
138 100
92 45.8 26.0 66.0
108 65.6 48.4 88.4

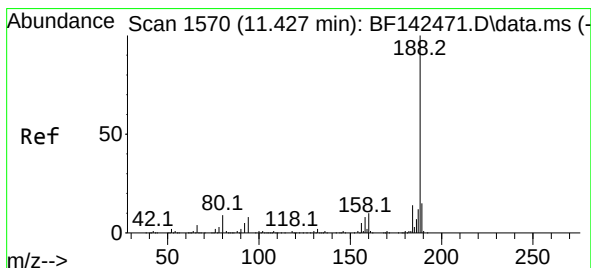
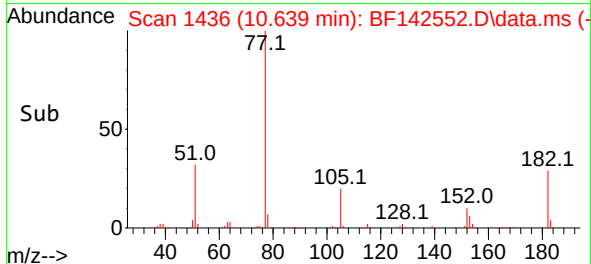
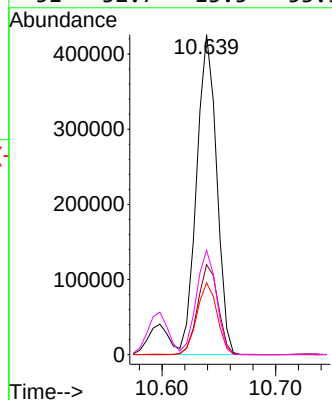
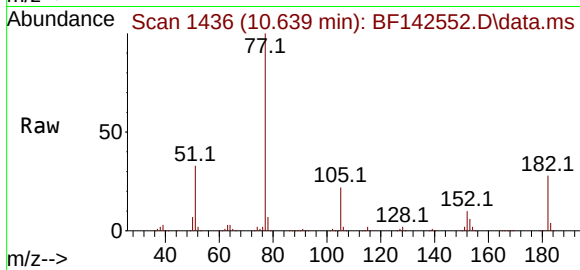




#63
Azobenzene
Concen: 38.688 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

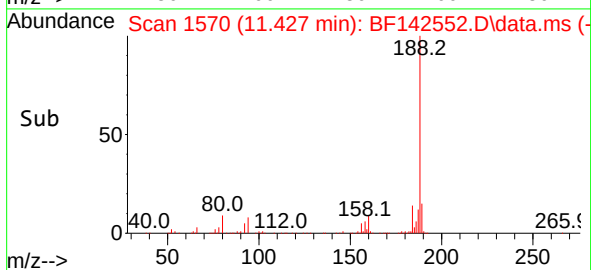
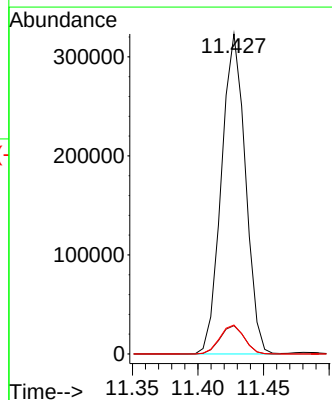
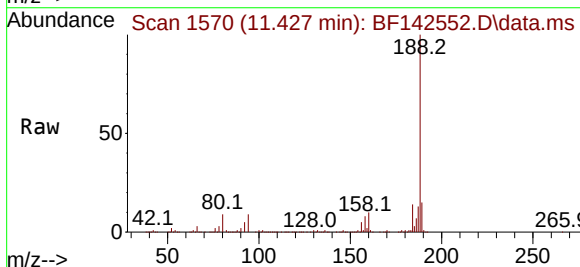
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

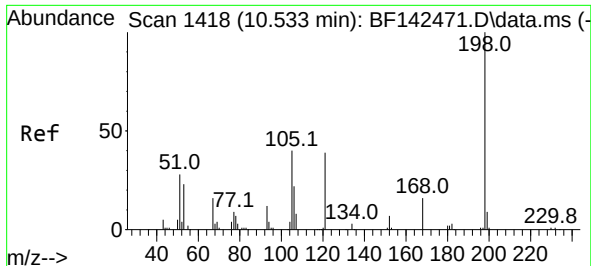
Tgt Ion: 77	Resp: 519690
Ion Ratio	Lower Upper
77 100	
182 28.1	9.0 49.0
105 22.5	2.4 42.4
51 32.7	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:188	Resp: 411171
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 9.1	7.4 11.0

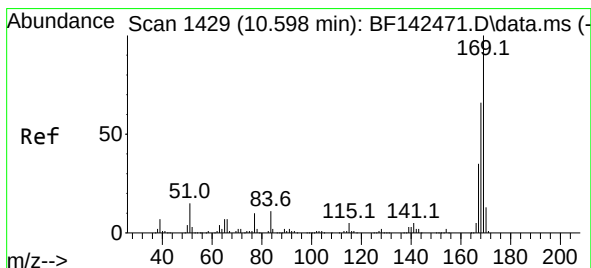
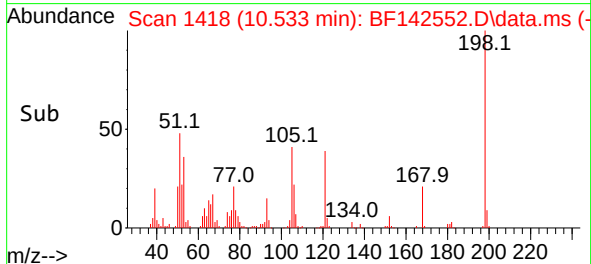
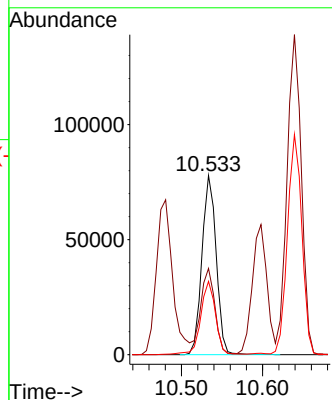
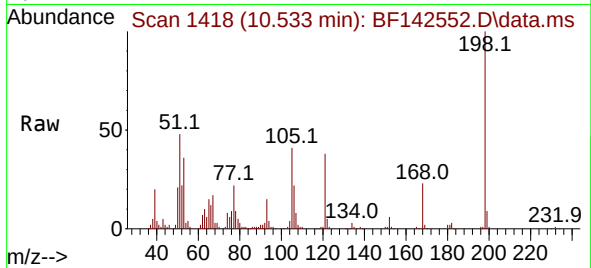




#65
4,6-Dinitro-2-methylphenol
Concen: 41.404 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

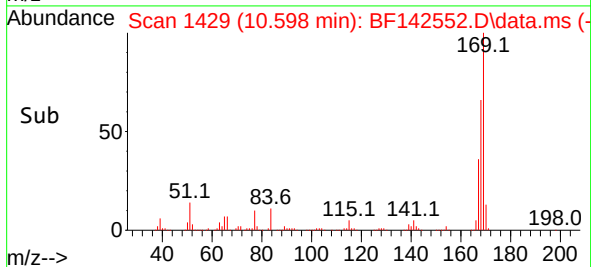
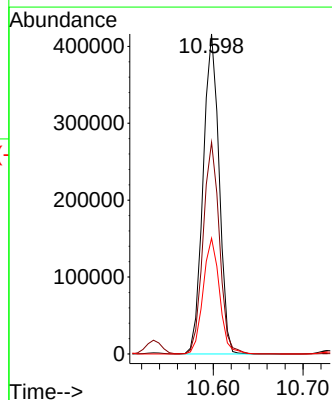
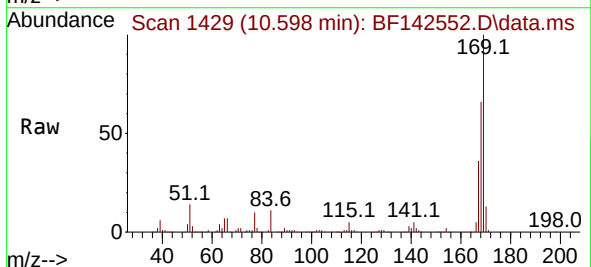
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

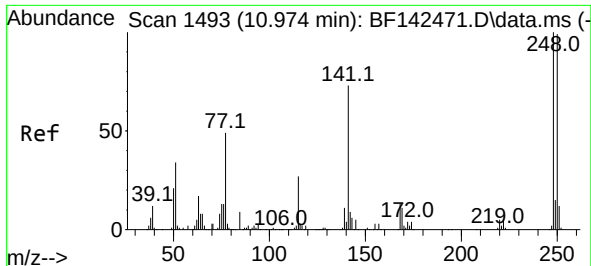
Tgt Ion:198 Resp: 95007
Ion Ratio Lower Upper
198 100
51 48.1 28.3 68.3
105 40.9 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 36.536 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:169 Resp: 513957
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 36.1 28.3 42.5

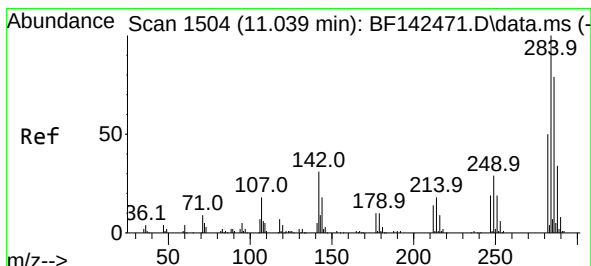
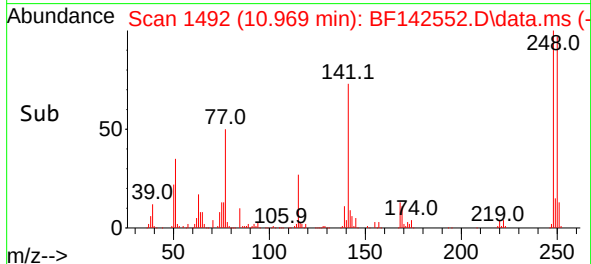
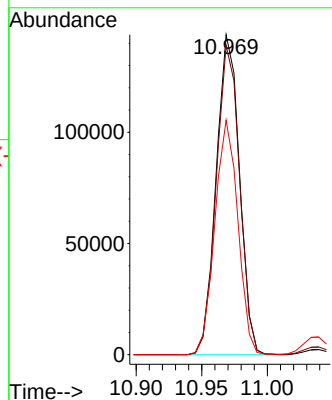
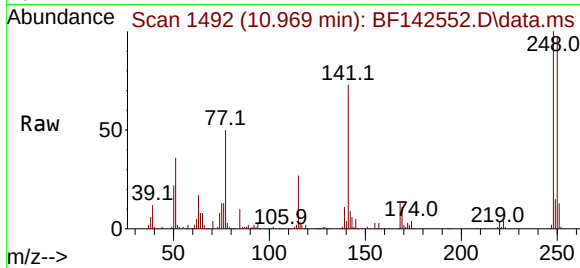




#67
4-Bromophenyl-phenylether
Concen: 36.559 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

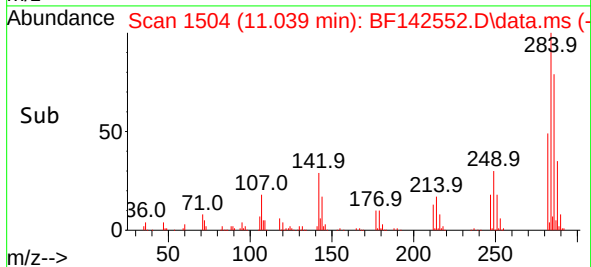
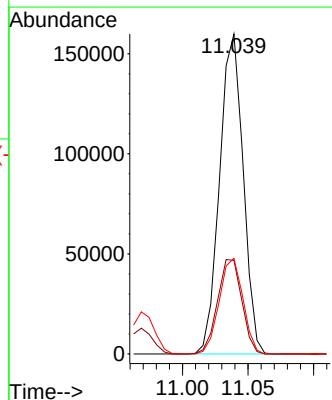
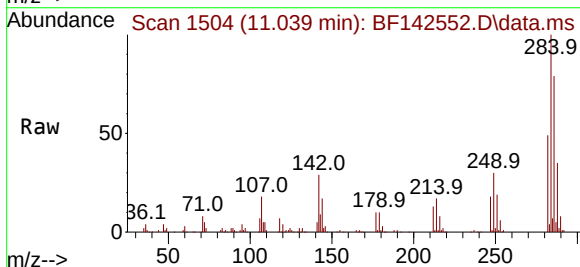
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

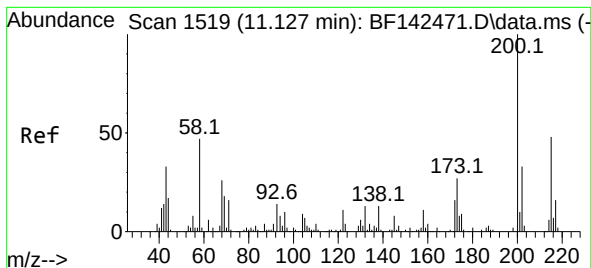
Tgt Ion:248 Resp: 177745
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.4
141 73.3 58.4 87.6



#68
Hexachlorobenzene
Concen: 37.084 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:284 Resp: 199413
Ion Ratio Lower Upper
284 100
142 29.2 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 40.781 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

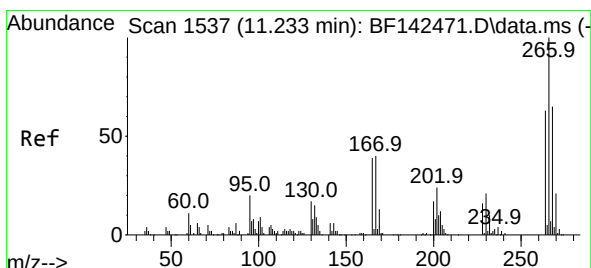
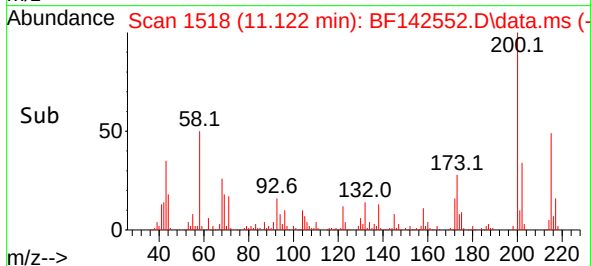
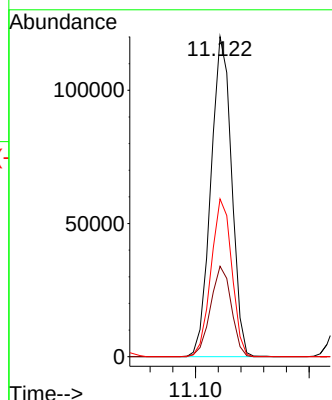
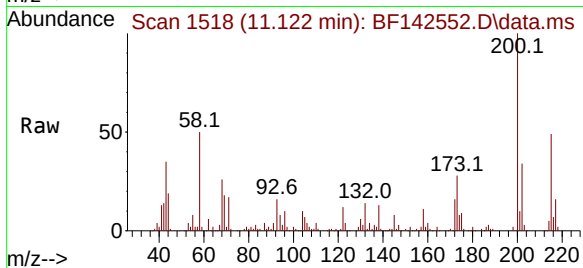
Tgt Ion:200 Resp: 152351

Ion Ratio Lower Upper

200 100

173 28.2 7.4 47.4

215 49.3 28.5 68.5



#70

Pentachlorophenol

Concen: 38.690 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

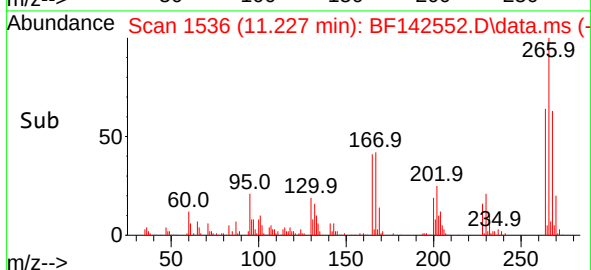
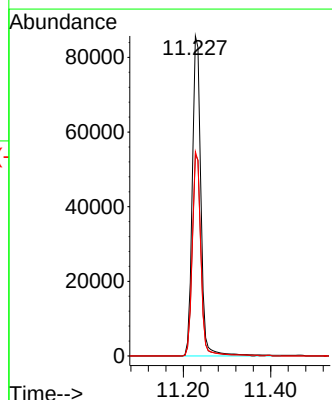
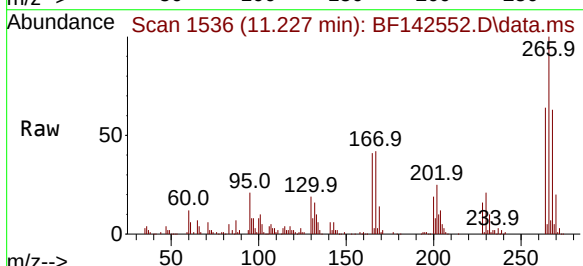
Tgt Ion:266 Resp: 117460

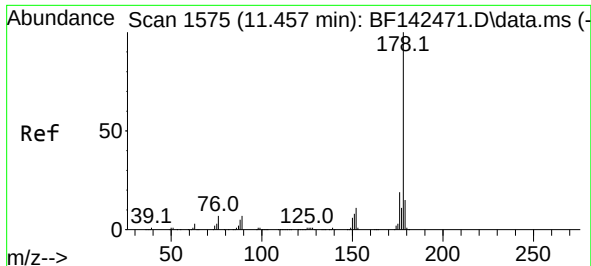
Ion Ratio Lower Upper

266 100

268 63.0 51.7 77.5

264 63.9 50.4 75.6

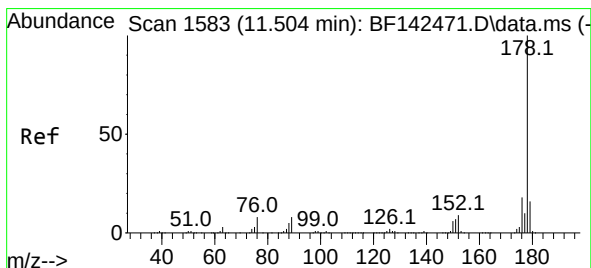
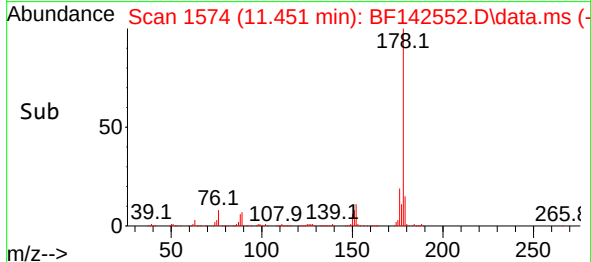
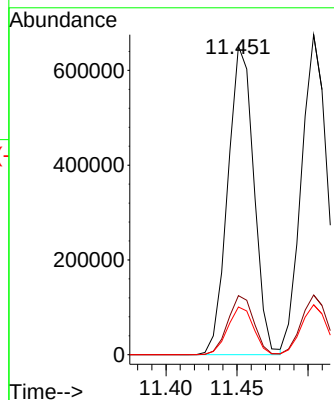
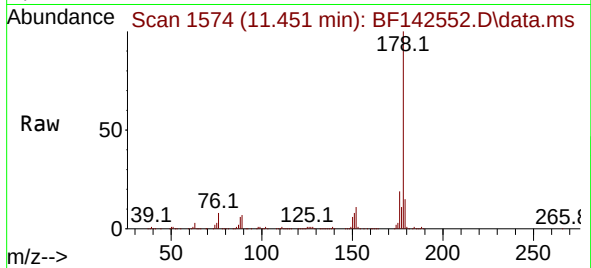




#71
Phenanthrene
Concen: 37.771 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

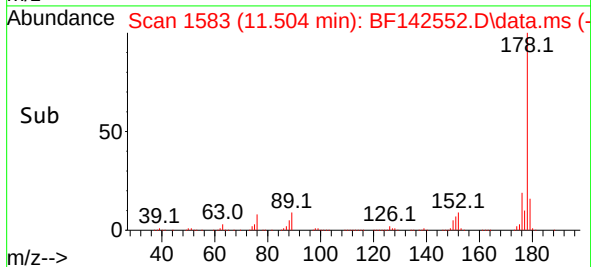
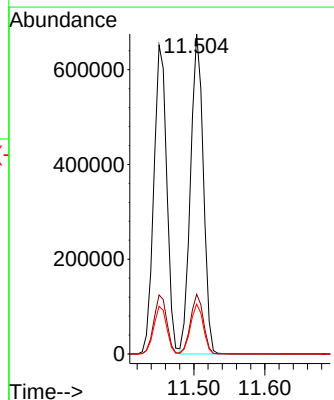
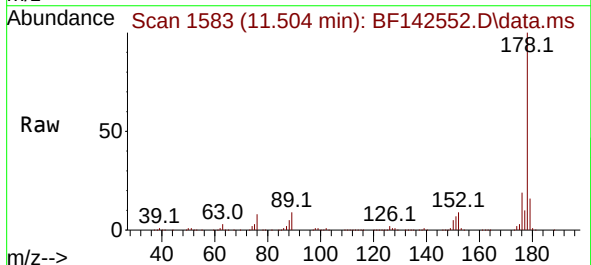
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

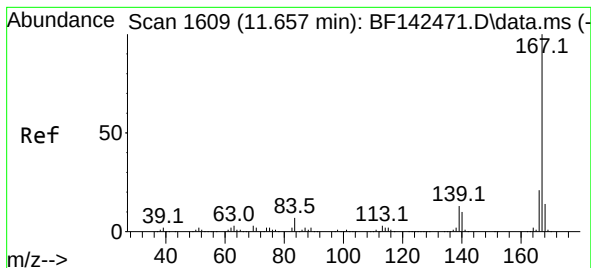
Tgt Ion:178 Resp: 829968
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 37.659 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:178 Resp: 844543
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 39.542 ng

RT: 11.657 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

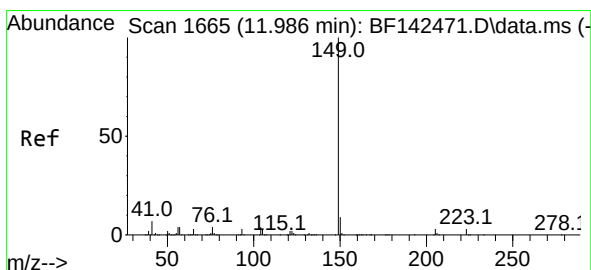
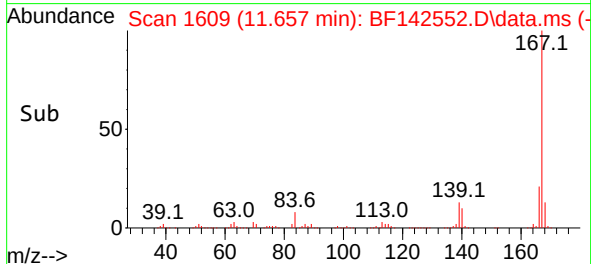
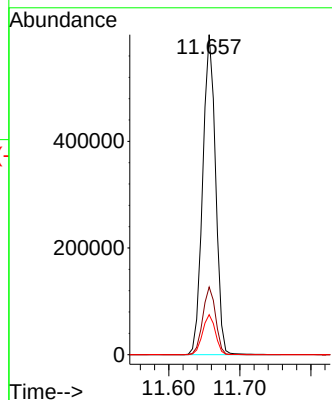
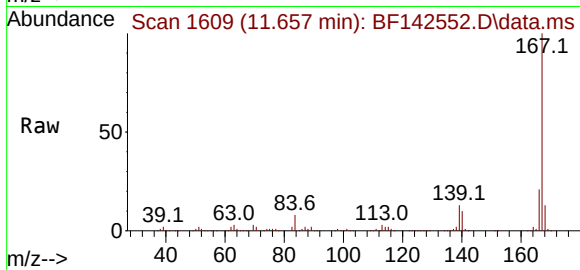
Tgt Ion:167 Resp: 758086

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 40.587 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

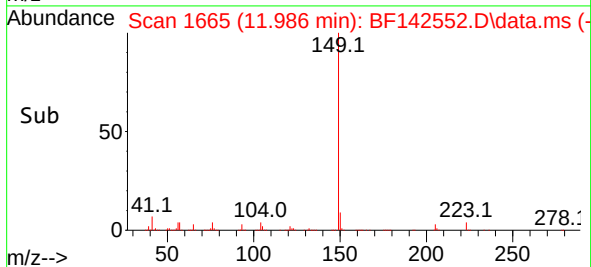
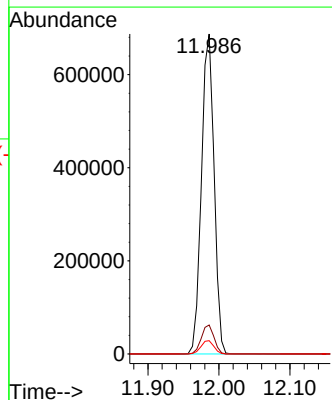
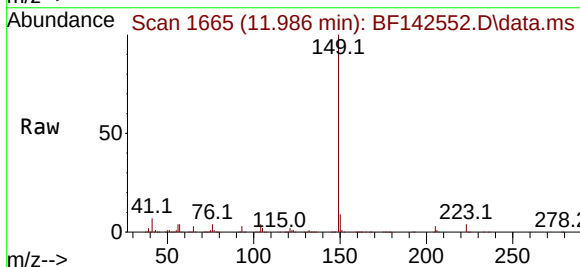
Tgt Ion:149 Resp: 851727

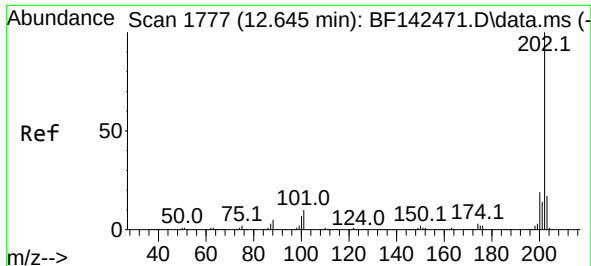
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 4.2 3.6 5.4

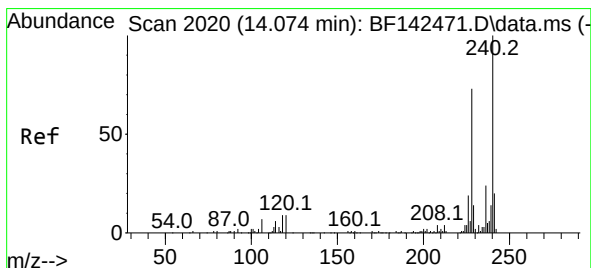
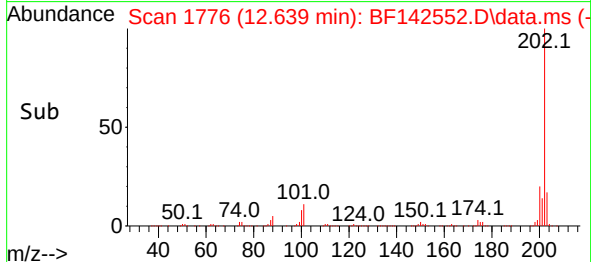
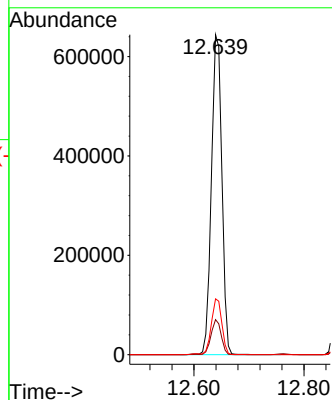
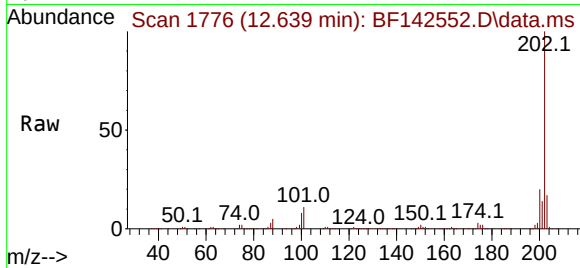




#75
Fluoranthene
Concen: 41.393 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

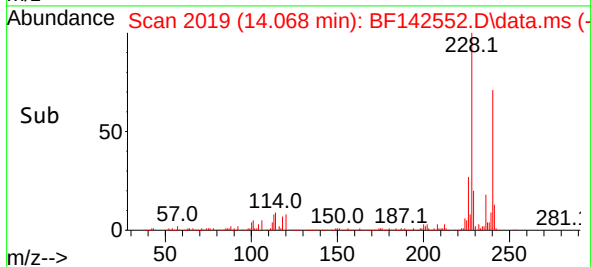
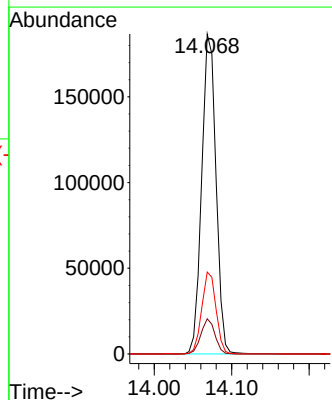
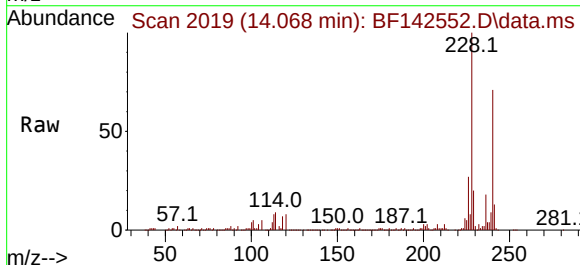
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

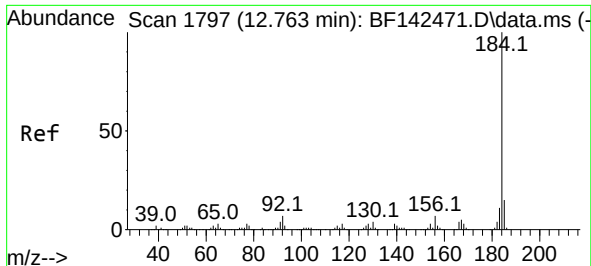
Tgt Ion:202 Resp: 849891
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.6
203 17.5 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:240 Resp: 239311
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.6 19.6 29.4

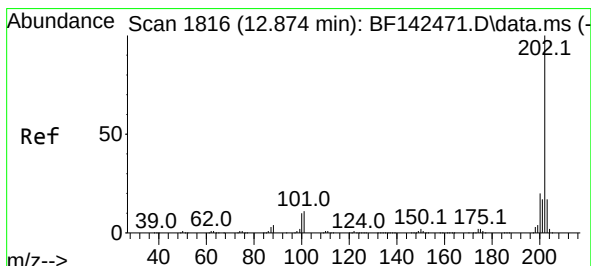
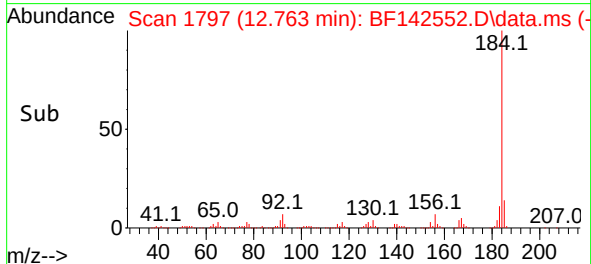
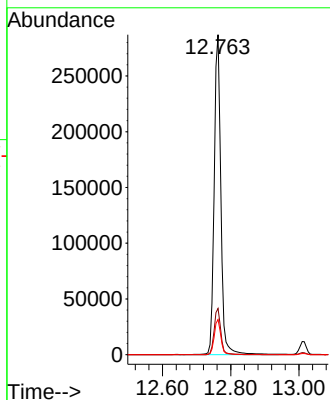
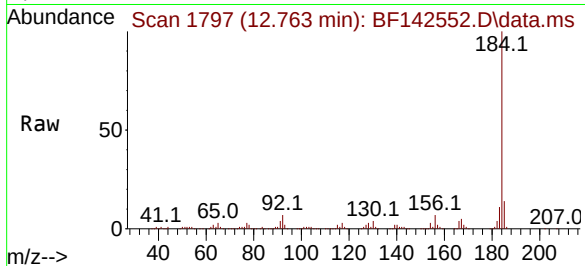




#77
Benzidine
Concen: 43.939 ng
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

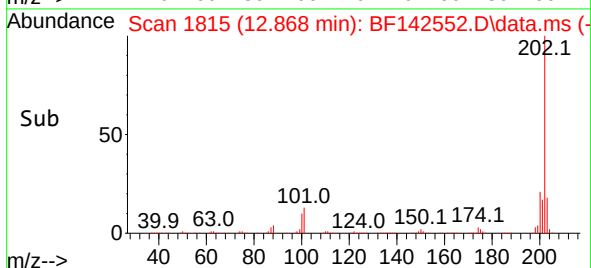
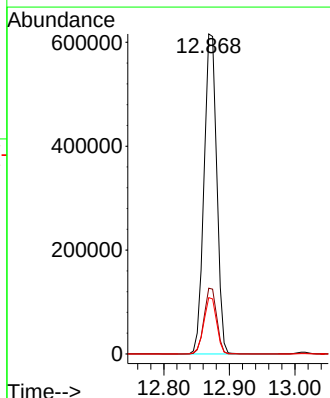
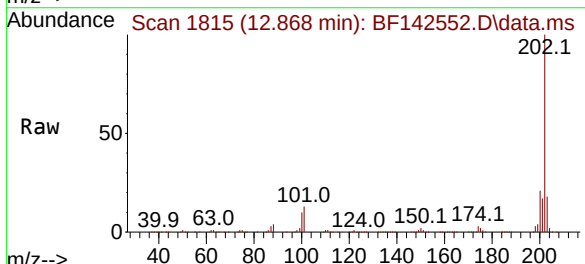
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

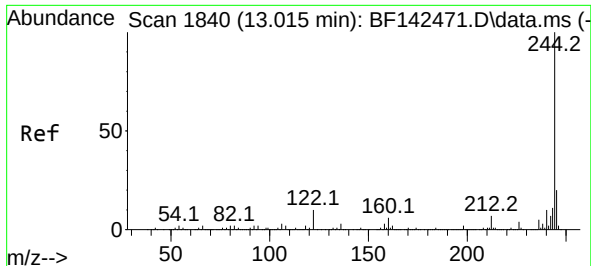
Tgt Ion:184 Resp: 391300
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.0 9.0 13.4



#78
Pyrene
Concen: 37.336 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:202 Resp: 833498
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 17.6 13.9 20.9

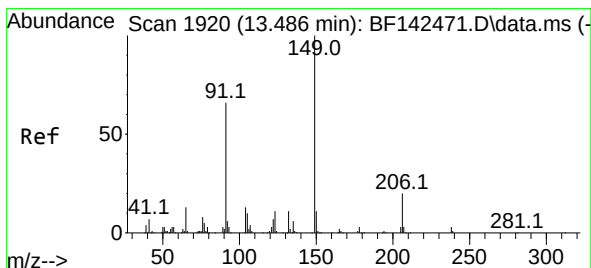
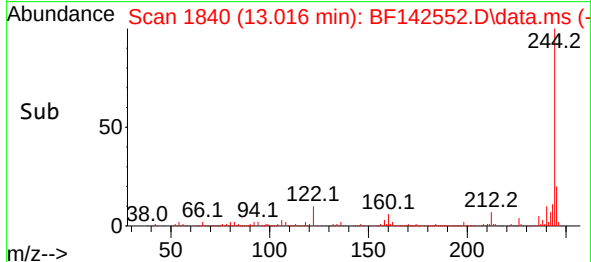
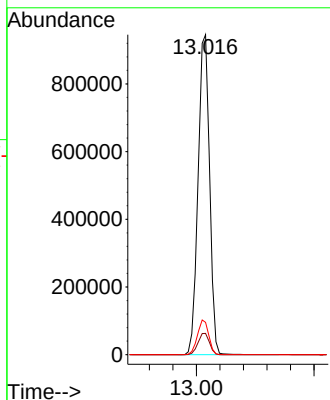
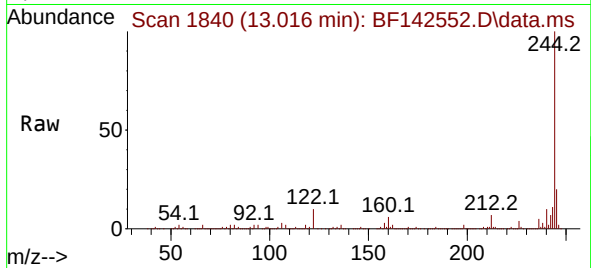




#79
 Terphenyl-d14
 Concen: 73.203 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

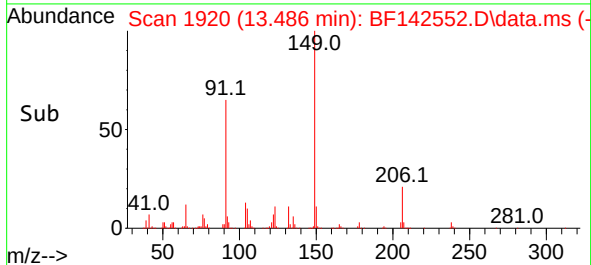
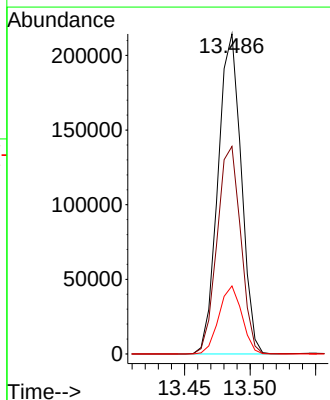
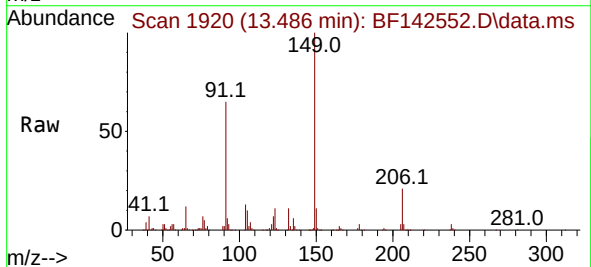
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

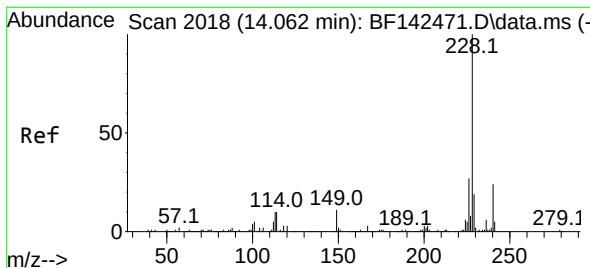
Tgt Ion:244 Resp: 1281938
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 42.823 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142552.D
 Acq: 27 May 2025 10:15

Tgt Ion:149 Resp: 264157
 Ion Ratio Lower Upper
 149 100
 91 64.8 52.9 79.3
 206 21.2 16.2 24.2





#81

Benzo(a)anthracene

Concen: 38.806 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

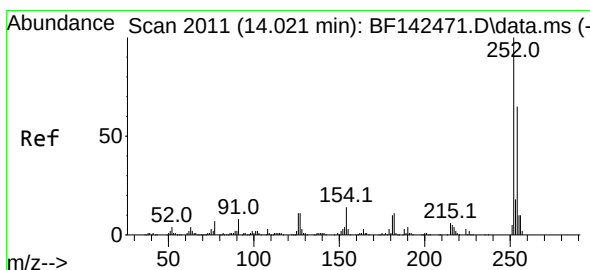
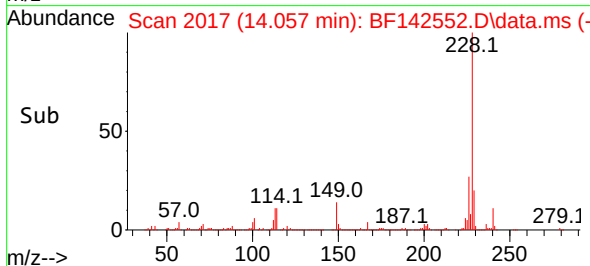
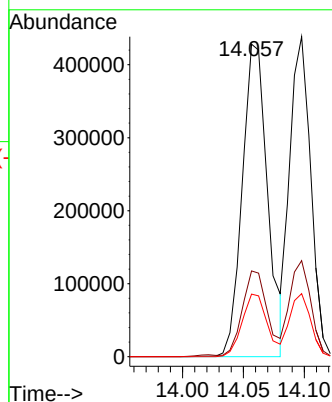
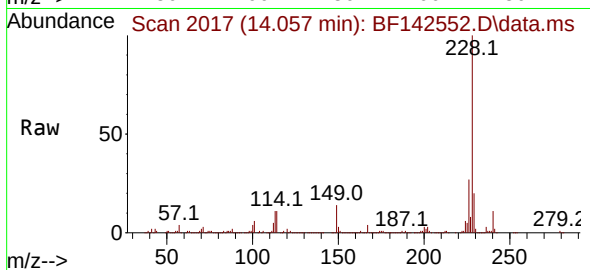
Tgt Ion:228 Resp: 620117

Ion Ratio Lower Upper

228 100

226 27.5 21.2 31.8

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.358 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

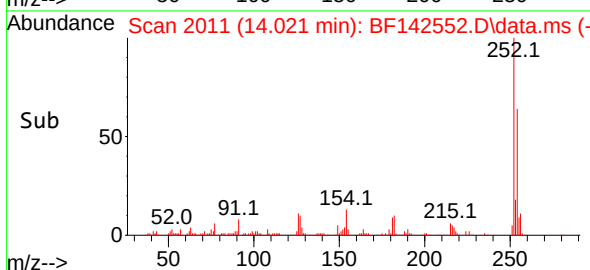
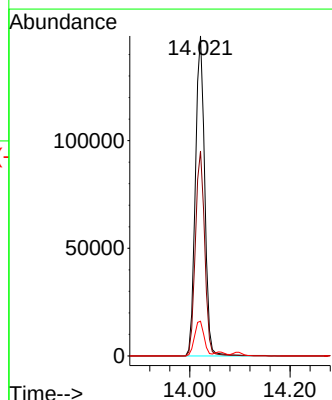
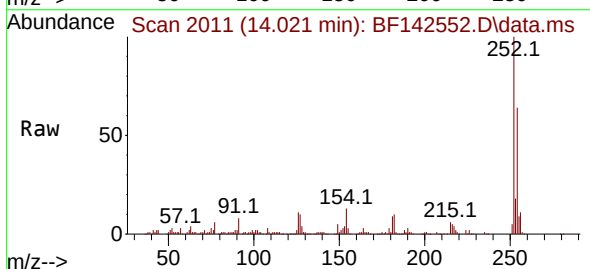
Tgt Ion:252 Resp: 190764

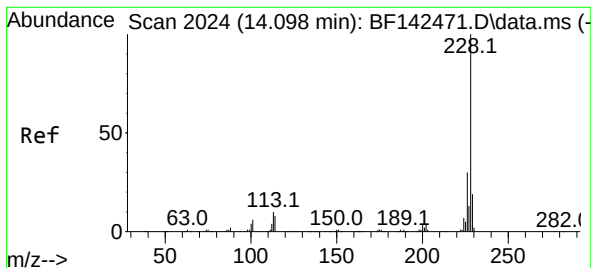
Ion Ratio Lower Upper

252 100

254 64.1 52.0 78.0

126 10.8 8.9 13.3





#83

Chrysene

Concen: 36.825 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

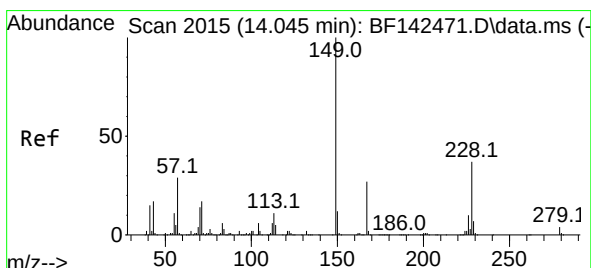
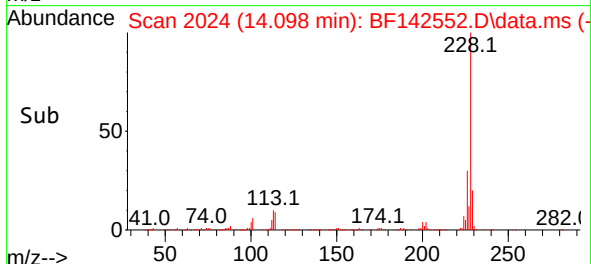
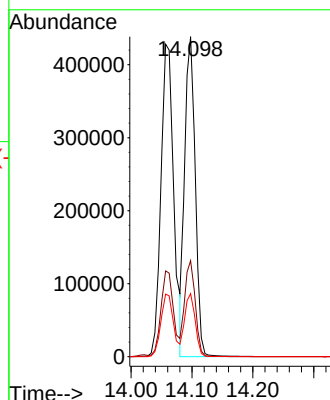
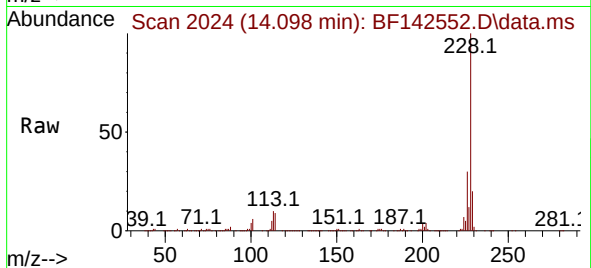
Tgt Ion:228 Resp: 528766

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.132 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

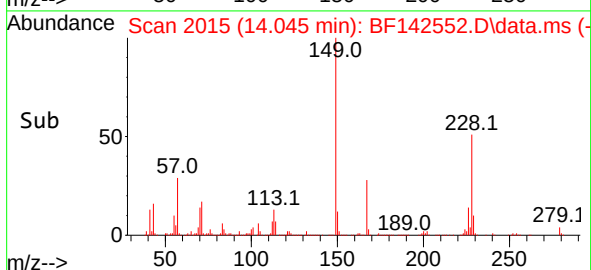
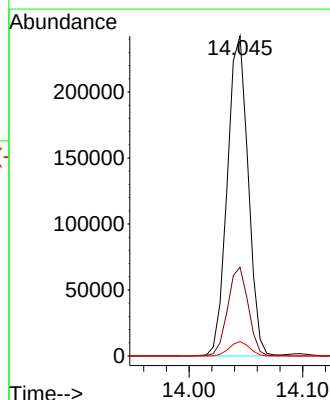
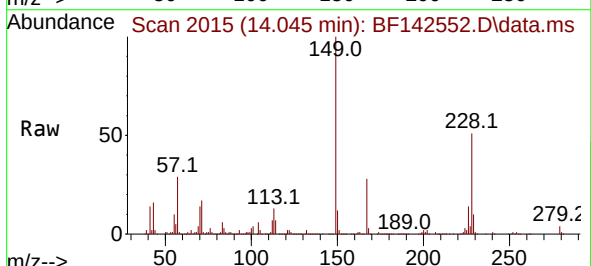
Tgt Ion:149 Resp: 309018

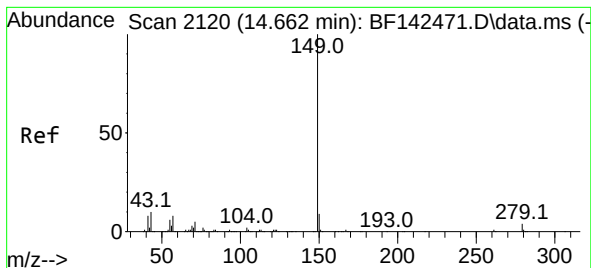
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 32.305 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

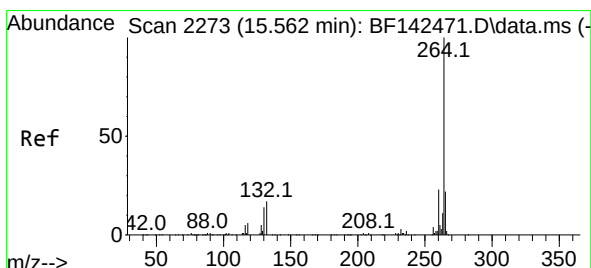
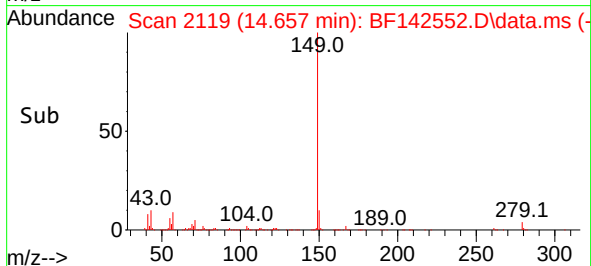
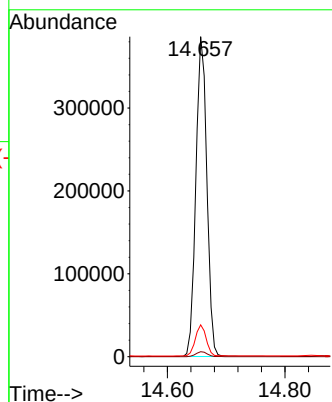
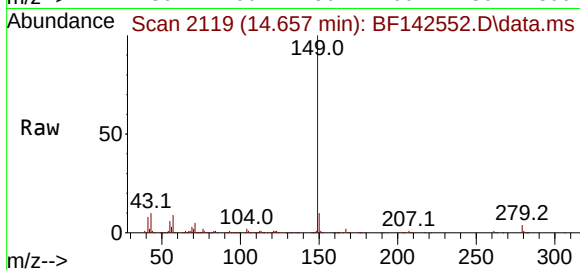
Tgt Ion:149 Resp: 498803

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

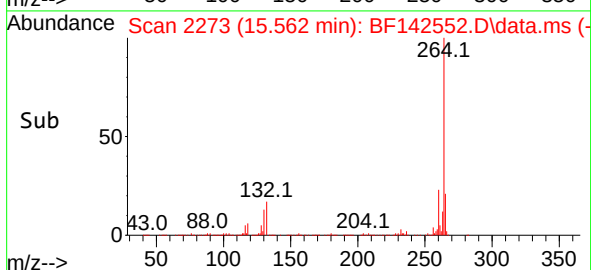
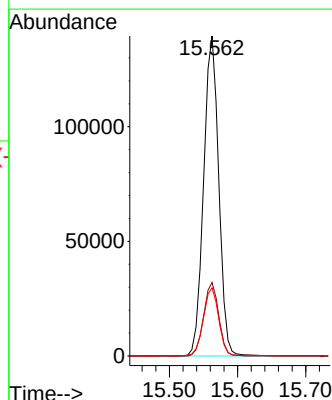
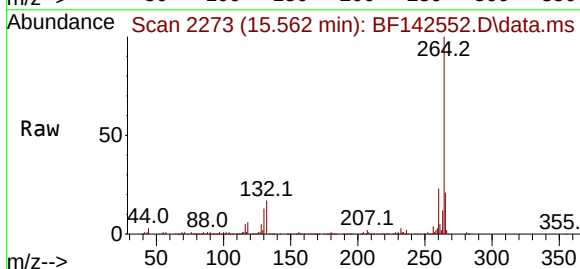
Tgt Ion:264 Resp: 215066

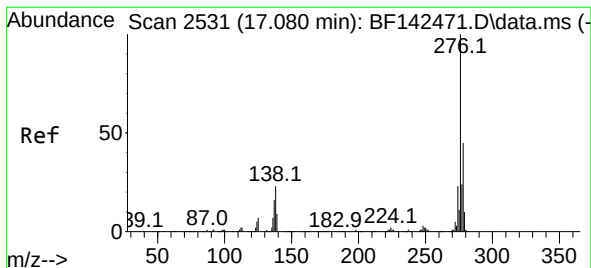
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.017 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

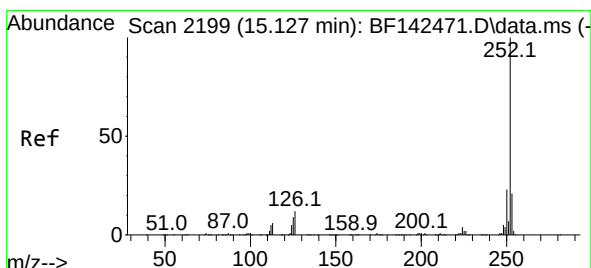
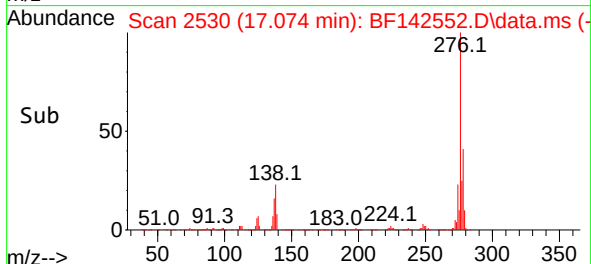
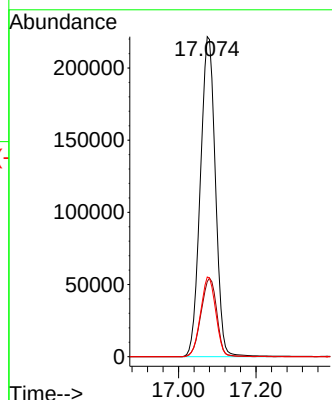
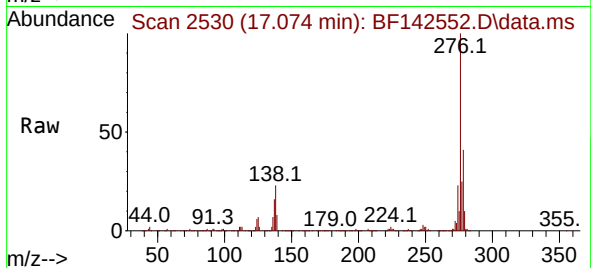
Tgt Ion:276 Resp: 597673

Ion Ratio Lower Upper

276 100

138 25.6 19.9 29.9

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.762 ng

RT: 15.121 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

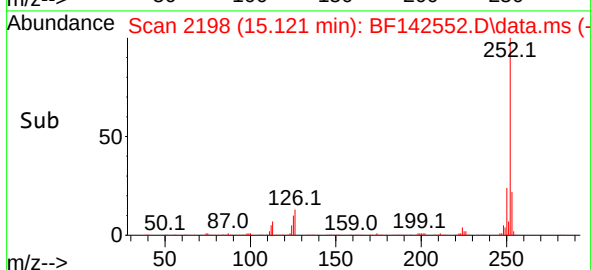
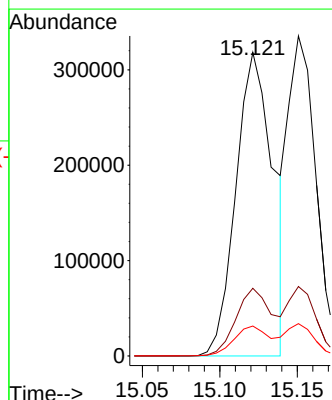
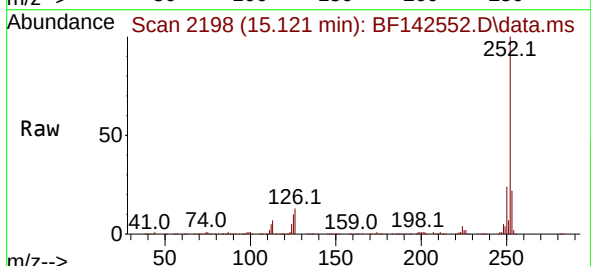
Tgt Ion:252 Resp: 531572

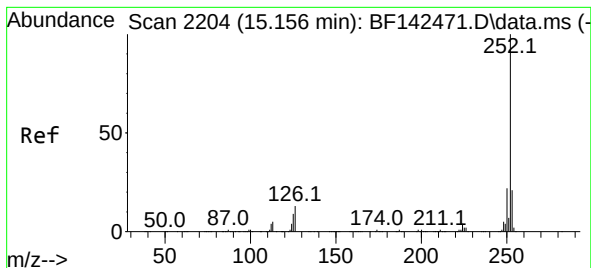
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 35.149 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

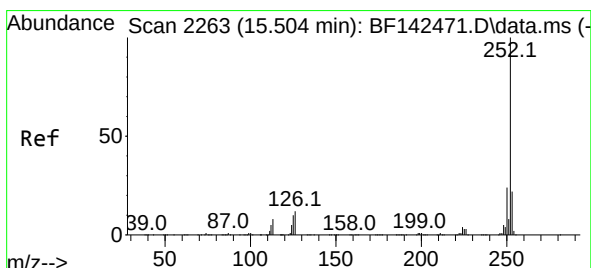
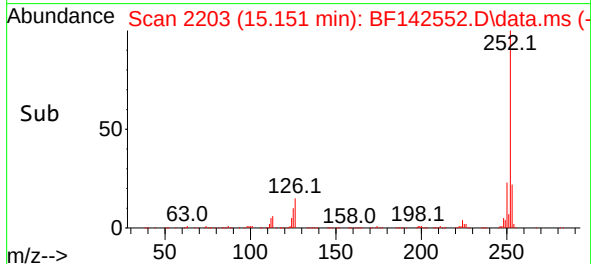
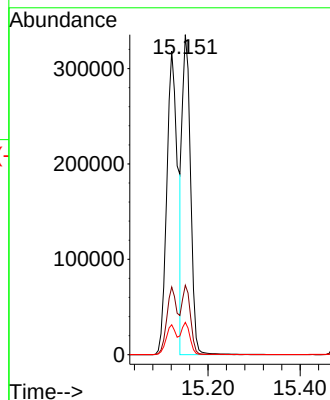
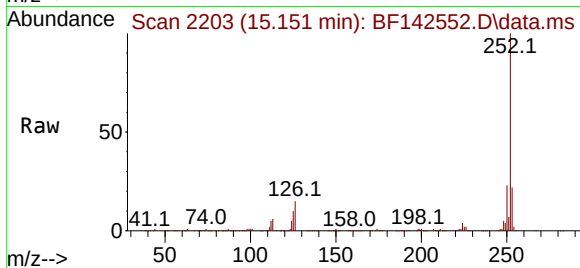
Tgt Ion:252 Resp: 419034

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 10.1 7.3 10.9



#90

Benzo(a)pyrene

Concen: 38.342 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BF142552.D

Acq: 27 May 2025 10:15

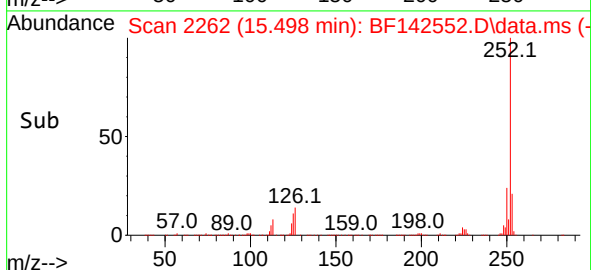
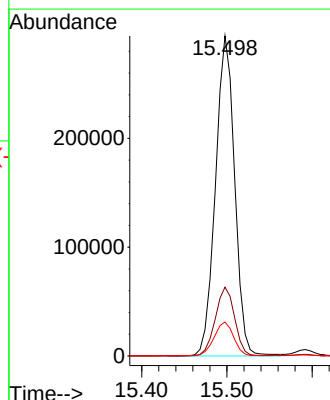
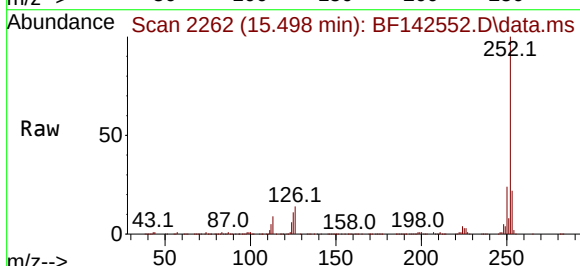
Tgt Ion:252 Resp: 460031

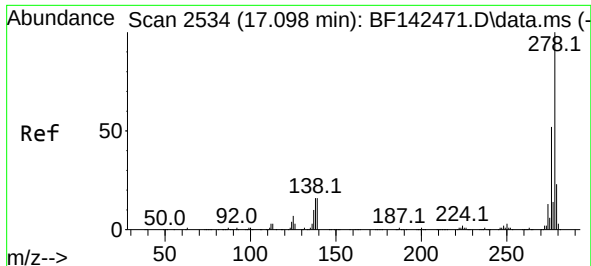
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.6 7.9 11.9

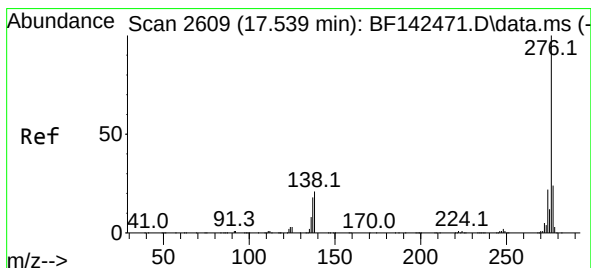
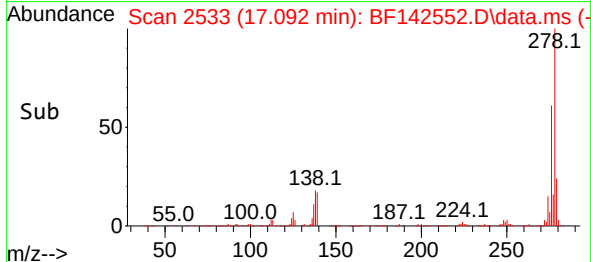
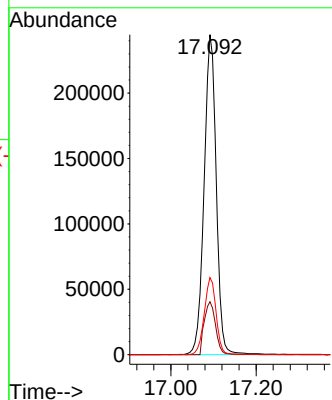
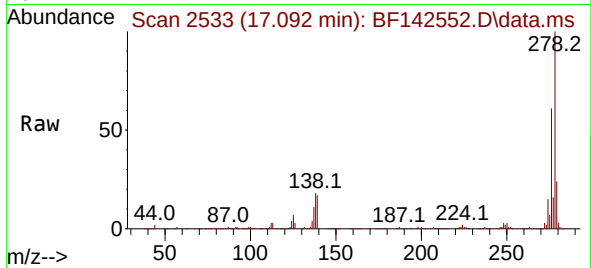




#91
Dibenzo(a,h)anthracene
Concen: 37.005 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 484580
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 24.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 37.168 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142552.D
Acq: 27 May 2025 10:15

Tgt Ion:276 Resp: 486815
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 22.3 16.8 25.2

