

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	204208	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	113226	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	184414	20.000	ng	0.00
76) Chrysene-d12	14.057	240	112717	20.000	ng	0.00
86) Perylene-d12	15.545	264	164562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	301448	87.355	ng	0.00
7) Phenol-d6	6.510	99	330814	86.803	ng	0.00
23) Nitrobenzene-d5	7.445	82	314127	84.277	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122439	84.893	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	642905	79.903	ng	0.00
79) Terphenyl-d14	12.998	244	588700	91.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	59552	39.936	ng	96
3) Pyridine	3.393	79	166522	41.712	ng	99
4) n-Nitrosodimethylamine	3.340	42	93637	38.172	ng	95
6) Aniline	6.545	93	234678	43.042	ng	96
8) 2-Chlorophenol	6.663	128	145493	42.812	ng	98
9) Benzaldehyde	6.434	77	116032	39.213	ng	99
10) Phenol	6.522	94	200102	42.559	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	147253	43.342	ng	97
12) 1,3-Dichlorobenzene	6.822	146	179182	42.743	ng	99
13) 1,4-Dichlorobenzene	6.898	146	177496	42.963	ng	99
14) 1,2-Dichlorobenzene	7.051	146	169286	42.349	ng	99
15) Benzyl Alcohol	7.022	79	136290	43.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	272539	42.682	ng	97
17) 2-Methylphenol	7.134	107	113631	43.474	ng	97
18) Hexachloroethane	7.392	117	63229	42.808	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	103980	42.191	ng	98
20) 3+4-Methylphenols	7.286	107	133106	43.078	ng	# 84
22) Acetophenone	7.292	105	186251	42.203	ng	93
24) Nitrobenzene	7.463	77	166205	42.153	ng	100
25) Isophorone	7.698	82	278979	42.811	ng	99
26) 2-Nitrophenol	7.781	139	81158	43.268	ng	100
27) 2,4-Dimethylphenol	7.816	122	126382	45.340	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	173620	42.723	ng	99
29) 2,4-Dichlorophenol	8.022	162	137420	42.393	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	136990	41.079	ng	97
31) Naphthalene	8.186	128	407407	42.271	ng	99
32) Benzoic acid	7.922	122	73873	41.781	ng	# 83
33) 4-Chloroaniline	8.233	127	148161	44.158	ng	97
34) Hexachlorobutadiene	8.298	225	111465	40.877	ng	97
35) Caprolactam	8.598	113	35660	43.869	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	123434	43.150	ng	96
37) 2-Methylnaphthalene	8.875	142	271332	42.699	ng	97
38) 1-Methylnaphthalene	8.975	142	259791	43.152	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	161259	41.440	ng	98
41) Hexachlorocyclopentadiene	9.028	237	52737	43.878	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	103575	40.949	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

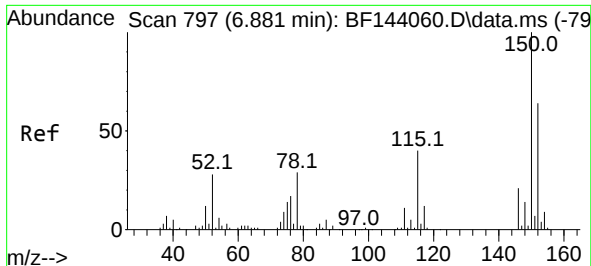
Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113082	42.599	ng	95
46) 1,1'-Biphenyl	9.339	154	324424	40.027	ng	100
47) 2-Chloronaphthalene	9.369	162	277516	40.869	ng	97
48) 2-Nitroaniline	9.463	65	87054	43.173	ng	98
49) Acenaphthylene	9.780	152	374544	40.908	ng	100
50) Dimethylphthalate	9.633	163	304442	41.020	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63869	43.531	ng	95
52) Acenaphthene	9.957	154	250322	40.938	ng	98
53) 3-Nitroaniline	9.875	138	66981	41.061	ng	96
54) 2,4-Dinitrophenol	9.980	184	30917	38.960	ng	99
55) Dibenzofuran	10.127	168	350742	41.318	ng	96
56) 4-Nitrophenol	10.033	139	45872	41.527	ng	93
57) 2,4-Dinitrotoluene	10.104	165	83007	41.918	ng	96
58) Fluorene	10.469	166	264329	40.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81964	43.817	ng	98
60) Diethylphthalate	10.339	149	282370	40.457	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	150675	41.424	ng	98
62) 4-Nitroaniline	10.486	138	63652	41.182	ng	98
63) Azobenzene	10.622	77	267316	40.465	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	49356	41.715	ng	96
66) n-Nitrosodiphenylamine	10.580	169	252814	42.907	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	101473	43.947	ng	98
68) Hexachlorobenzene	11.022	284	123002	43.436	ng	97
69) Atrazine	11.104	200	74391	38.475	ng	99
70) Pentachlorophenol	11.216	266	59017	43.784	ng	96
71) Phenanthrene	11.433	178	381184	41.610	ng	98
72) Anthracene	11.486	178	380792	40.239	ng	98
73) Carbazole	11.645	167	324513	40.288	ng	99
74) Di-n-butylphthalate	11.969	149	383099	38.793	ng	99
75) Fluoranthene	12.627	202	383968	37.938	ng	100
77) Benzidine	12.751	184	145430	41.457	ng	100
78) Pyrene	12.857	202	379834	46.872	ng	99
80) Butylbenzylphthalate	13.474	149	124111	40.484	ng	98
81) Benzo(a)anthracene	14.051	228	329626	43.272	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	113938	42.969	ng	100
83) Chrysene	14.086	228	295359	41.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	167373	39.991	ng	99
85) Di-n-octyl phthalate	14.645	149	299304	41.585	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.051	276	496906	43.981	ng	100
88) Benzo(b)fluoranthene	15.110	252	368610	39.622	ng	99
89) Benzo(k)fluoranthene	15.139	252	339785	39.586	ng	99
90) Benzo(a)pyrene	15.480	252	348799	41.791	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	390777	43.695	ng	99
92) Benzo(g,h,i)perylene	17.509	276	394850	43.914	ng	99

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

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

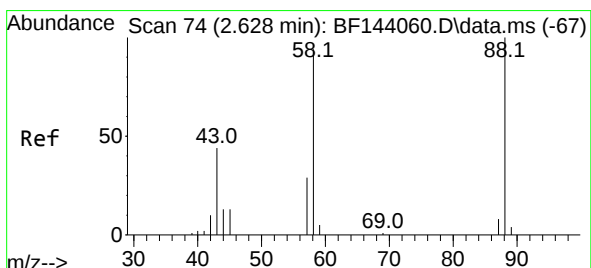
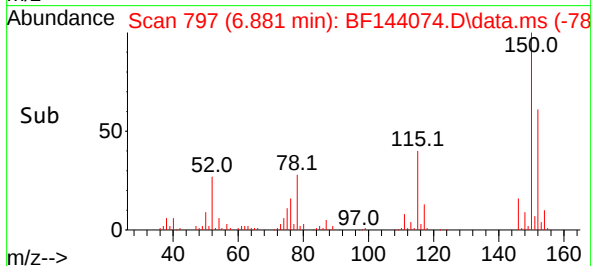
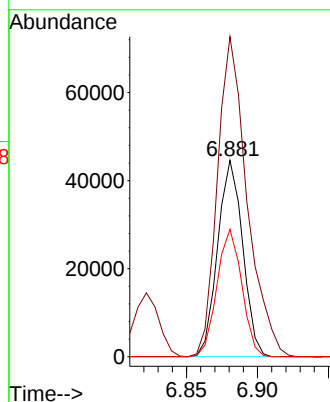
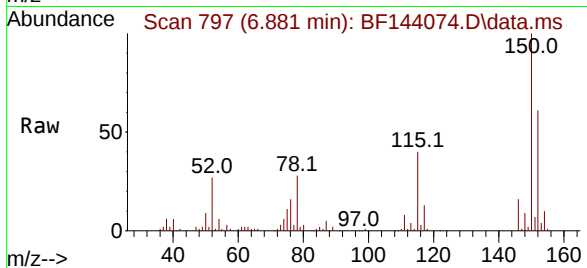




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144074.D
 Acq: 27 Oct 2025 10:27

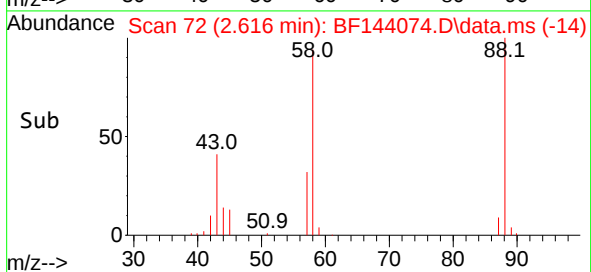
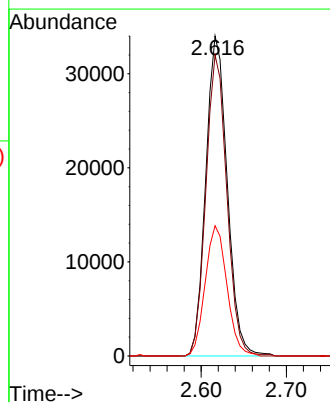
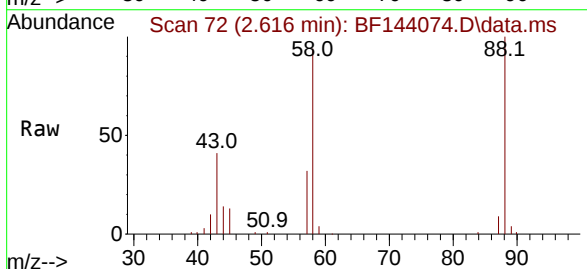
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

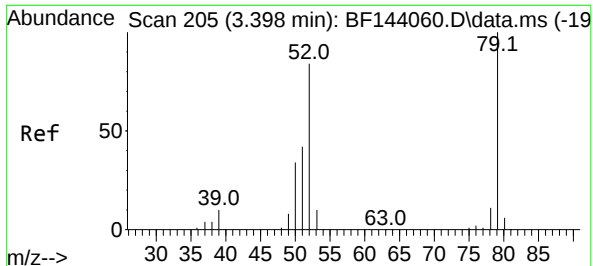
Tgt Ion:152 Resp: 54596
 Ion Ratio Lower Upper
 152 100
 150 163.1 124.4 186.6
 115 64.9 49.4 74.0



#2
 1,4-Dioxane
 Concen: 39.936 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.012 min
 Lab File: BF144074.D
 Acq: 27 Oct 2025 10:27

Tgt Ion: 88 Resp: 59552
 Ion Ratio Lower Upper
 88 100
 58 91.7 76.5 114.7
 43 41.3 35.3 52.9

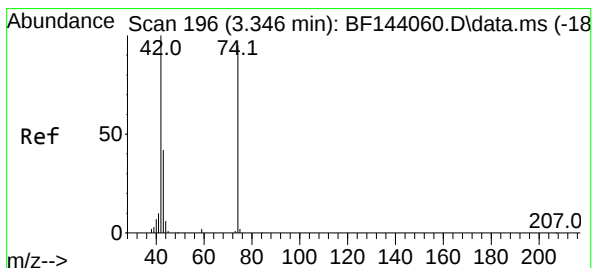
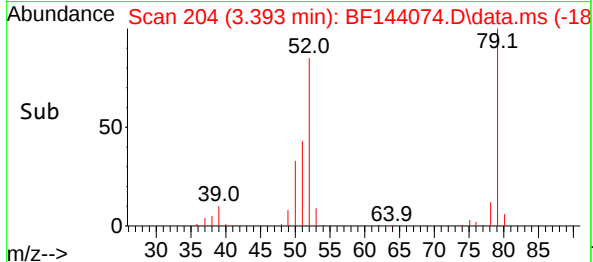
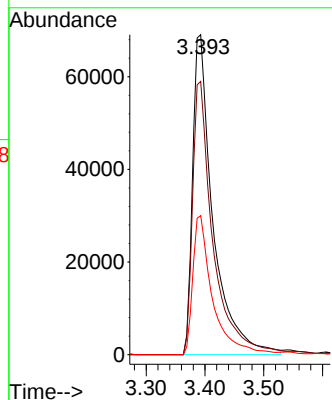
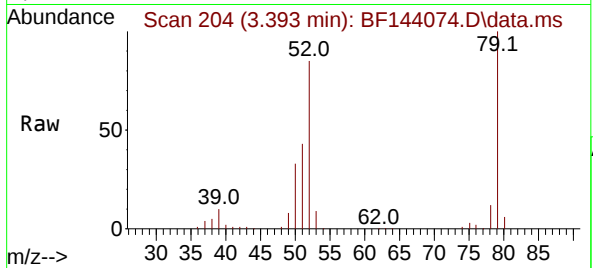




#3
Pyridine
Concen: 41.712 ng
RT: 3.393 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

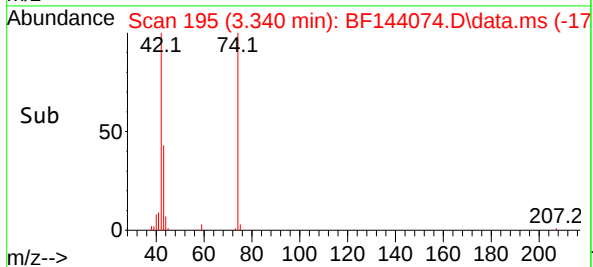
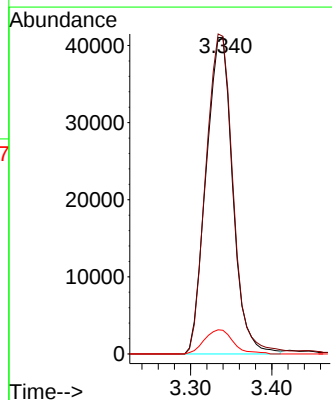
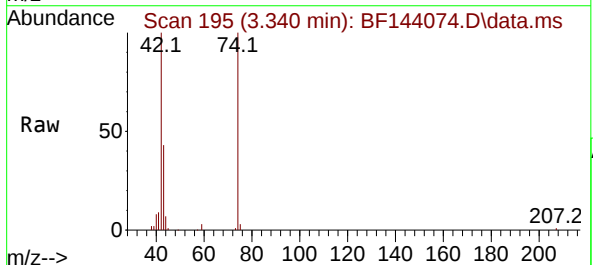
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

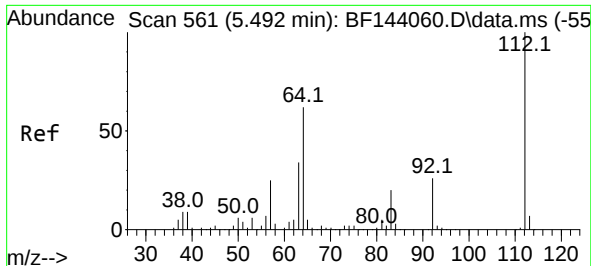
Tgt Ion: 79 Resp: 166522
Ion Ratio Lower Upper
79 100
52 85.4 67.5 101.3
51 43.5 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 38.172 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 42 Resp: 93637
Ion Ratio Lower Upper
42 100
74 100.3 76.4 114.6
44 7.5 5.2 7.8

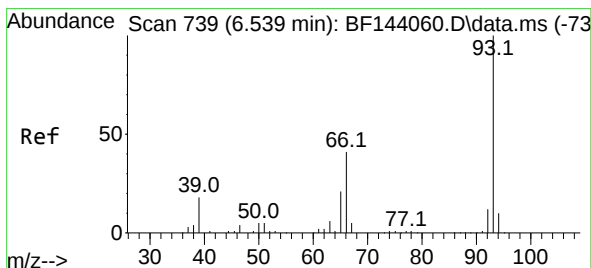
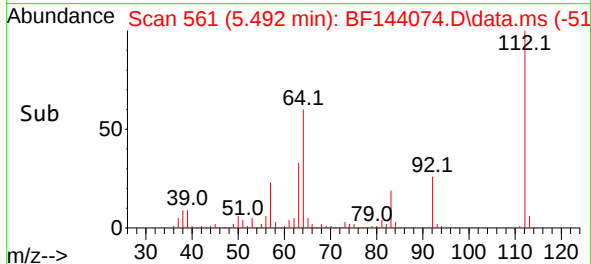
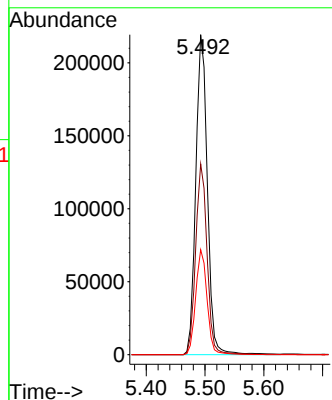
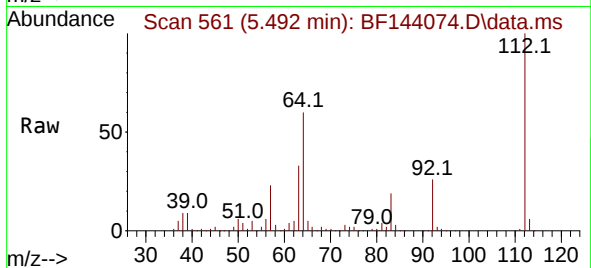




#5
2-Fluorophenol
Concen: 87.355 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

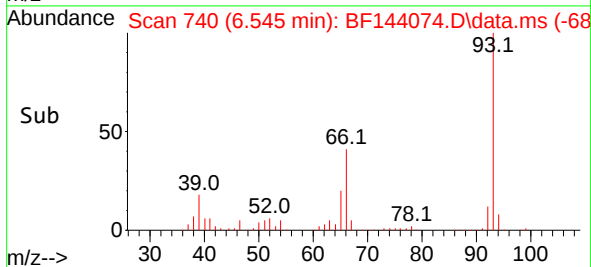
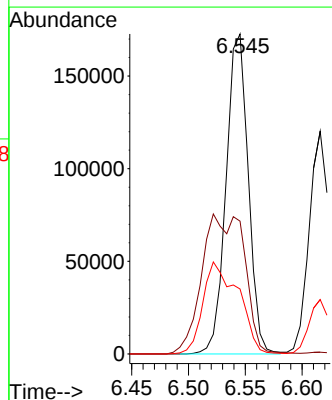
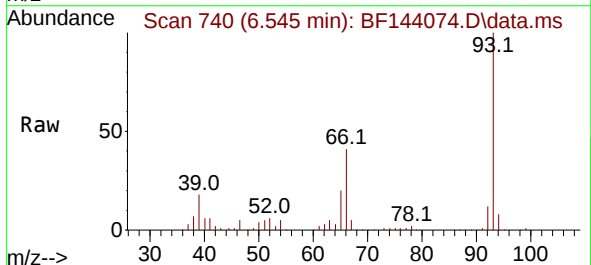
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

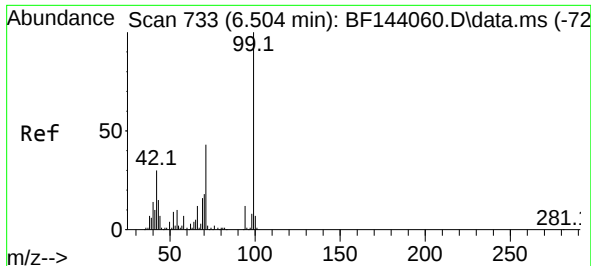
Tgt Ion:112 Resp: 301448
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.8
63 32.8 27.4 41.2



#6
Aniline
Concen: 43.042 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 234678
Ion Ratio Lower Upper
93 100
66 41.5 35.7 53.5
65 20.3 17.0 25.6

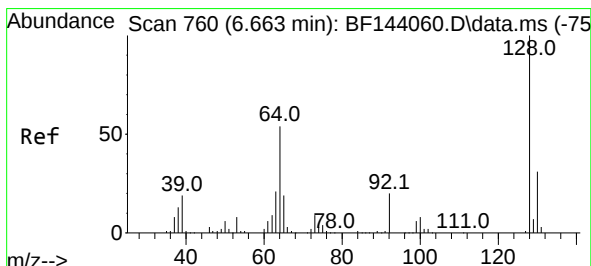
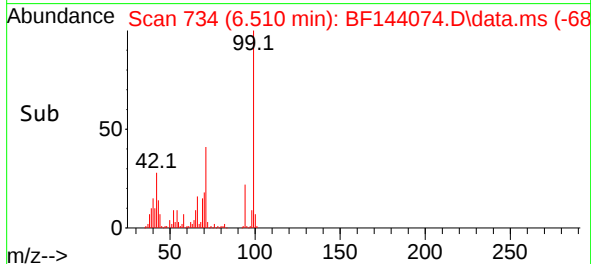
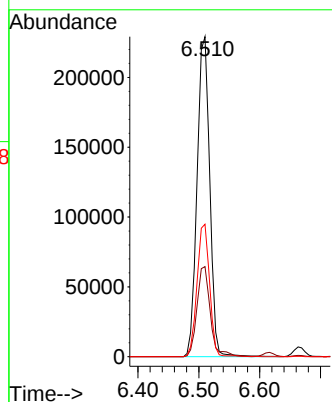
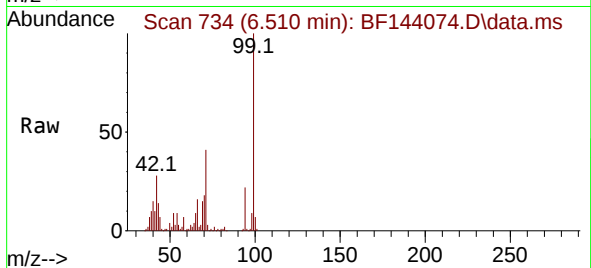




#7
Phenol-d6
Concen: 86.803 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

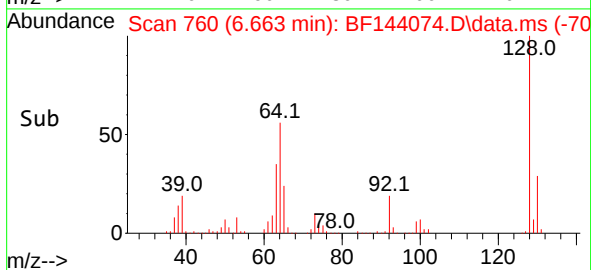
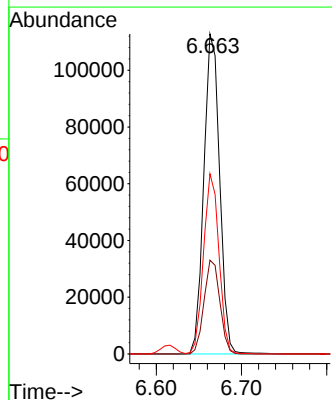
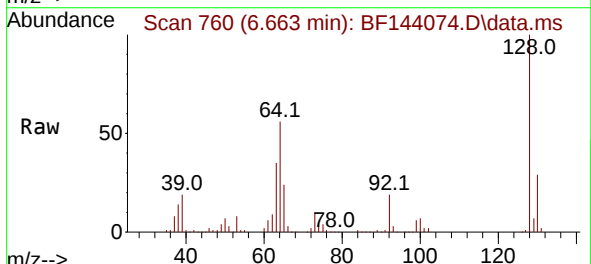
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

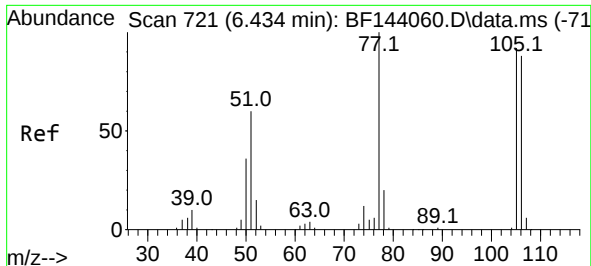
Tgt Ion: 99 Resp: 330814
Ion Ratio Lower Upper
99 100
42 28.2 23.9 35.9
71 41.4 34.4 51.6



#8
2-Chlorophenol
Concen: 42.812 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 128 Resp: 145493
Ion Ratio Lower Upper
128 100
130 29.3 10.7 50.7
64 56.3 34.7 74.7





#9

Benzaldehyde

Concen: 39.213 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

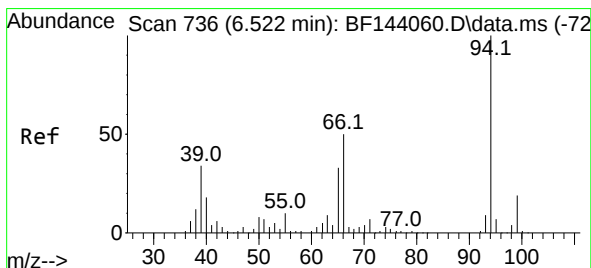
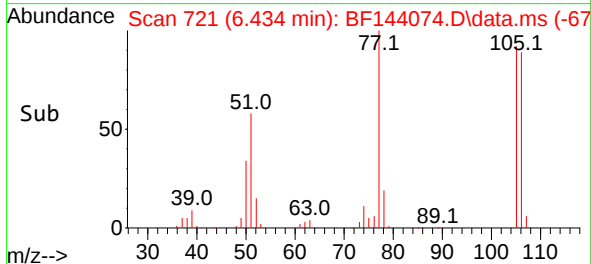
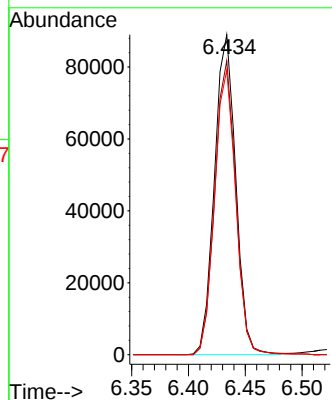
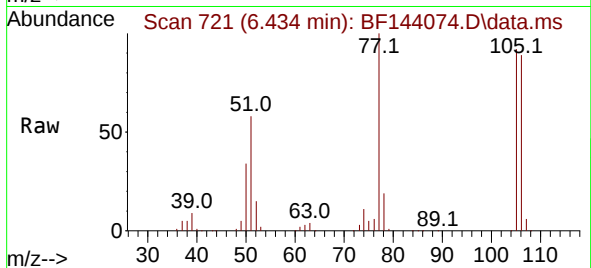
Tgt Ion: 77 Resp: 116032

Ion Ratio Lower Upper

77 100

105 91.9 72.2 112.2

106 88.9 67.9 107.9



#10

Phenol

Concen: 42.559 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

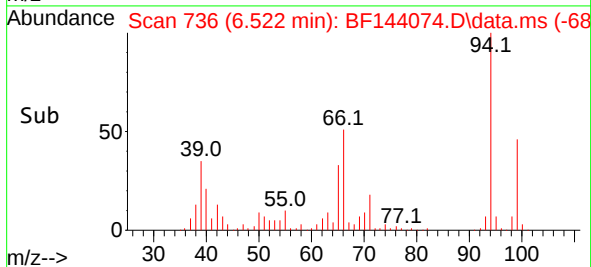
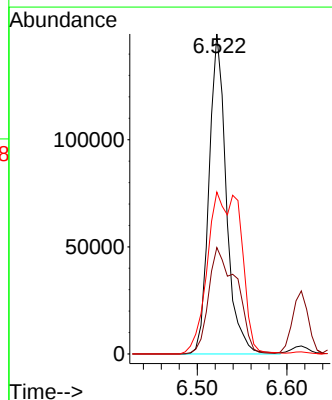
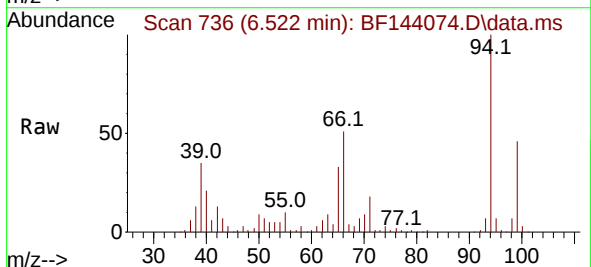
Tgt Ion: 94 Resp: 200102

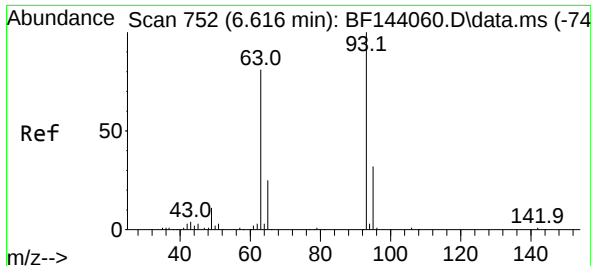
Ion Ratio Lower Upper

94 100

65 33.3 13.1 53.1

66 50.6 30.6 70.6

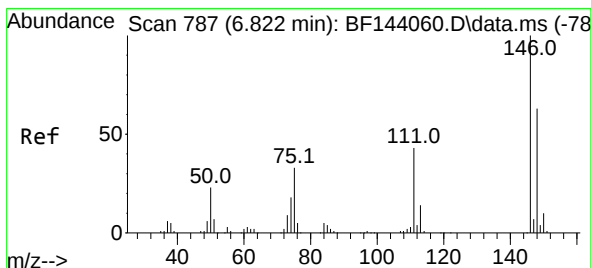
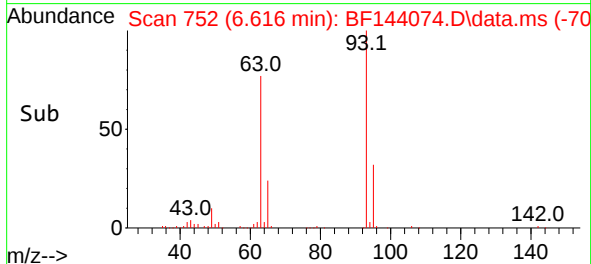
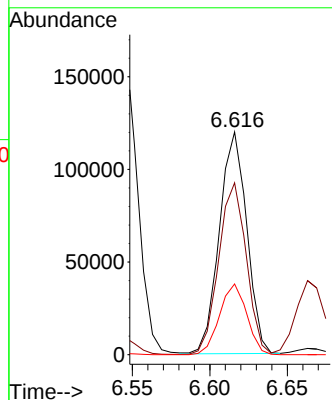
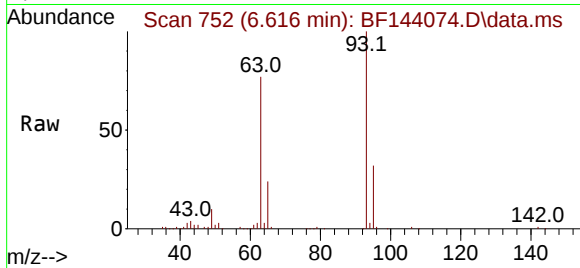




#11
bis(2-Chloroethyl)ether
Concen: 43.342 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

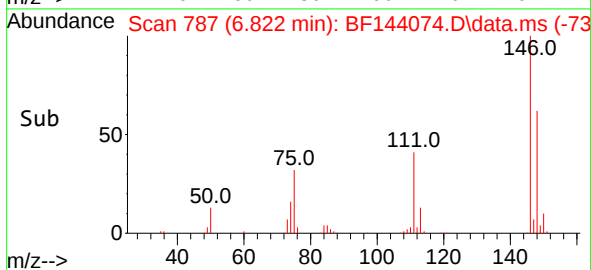
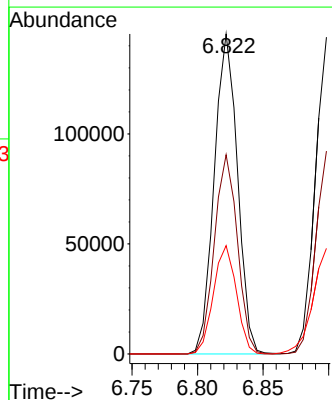
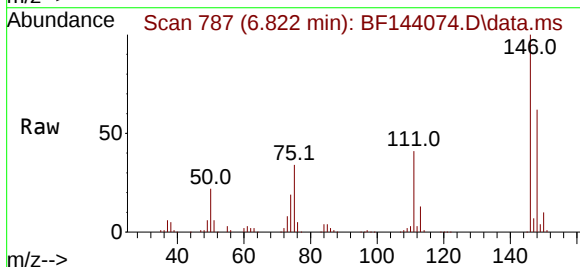
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

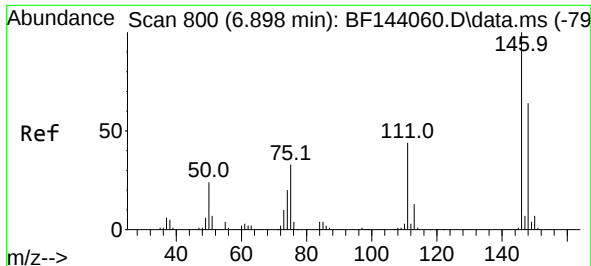
Tgt Ion: 93 Resp: 147253
Ion Ratio Lower Upper
93 100
63 77.2 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.743 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:146 Resp: 179182
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
75 33.8 26.6 40.0

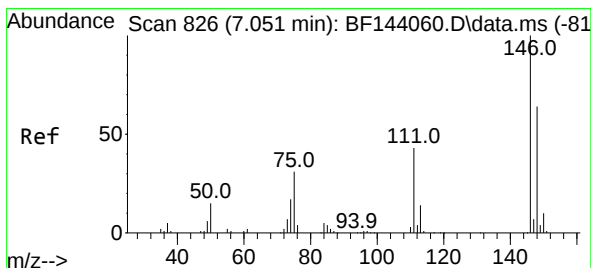
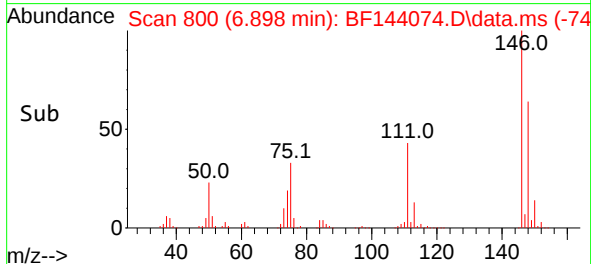
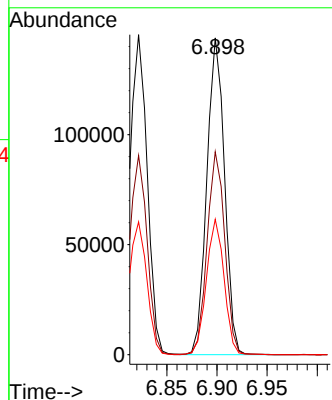
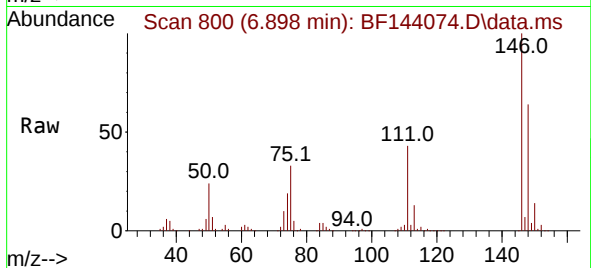




#13
1,4-Dichlorobenzene
Concen: 42.963 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

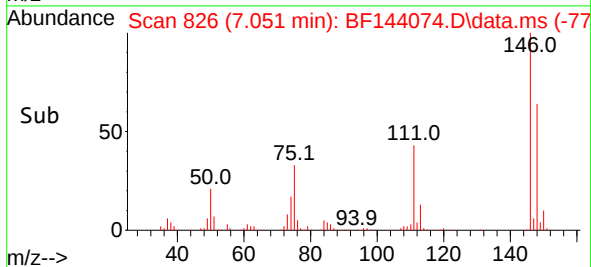
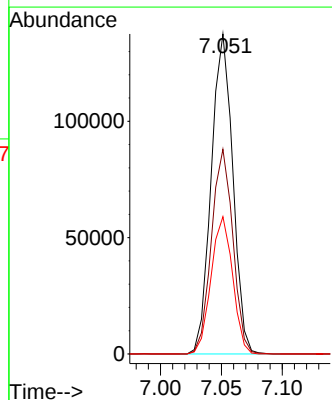
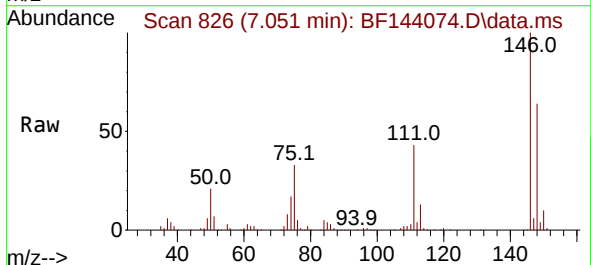
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

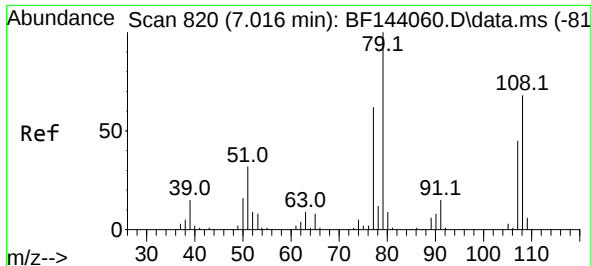
Tgt Ion:146 Resp: 177496
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 42.7 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 42.349 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:146 Resp: 169286
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 42.9 34.7 52.1

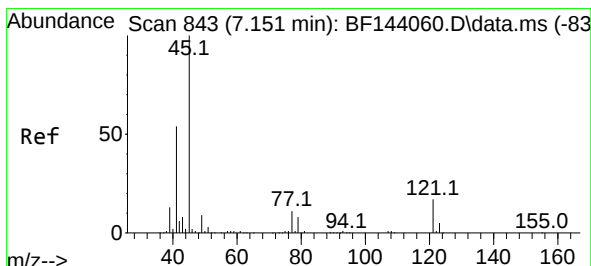
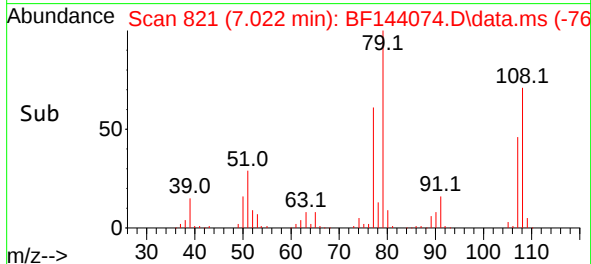
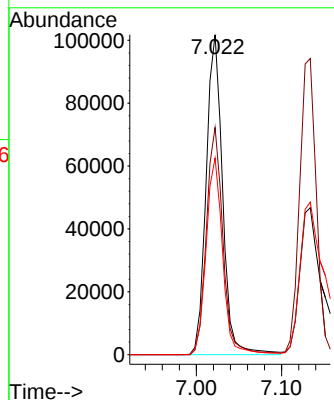
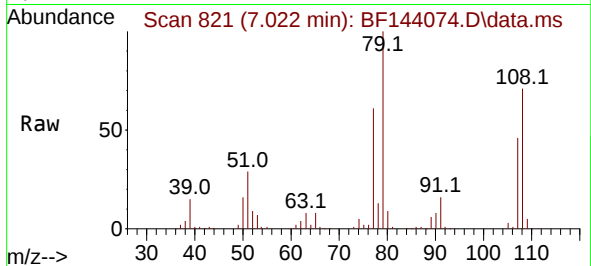




#15
Benzyl Alcohol
Concen: 43.981 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

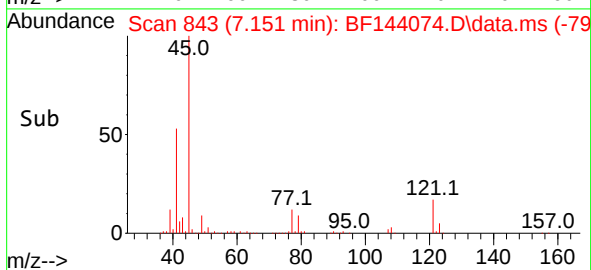
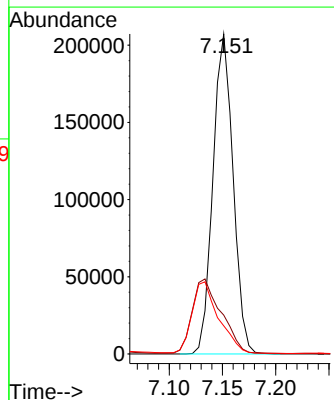
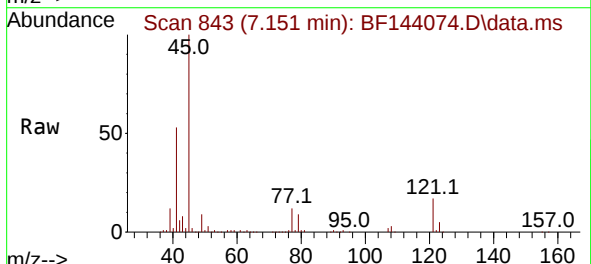
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

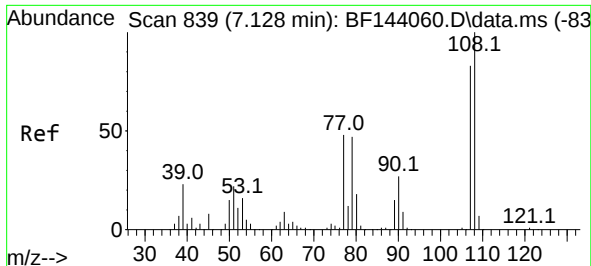
Tgt Ion: 79 Resp: 136290
Ion Ratio Lower Upper
79 100
108 71.0 54.8 82.2
77 61.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.682 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 45 Resp: 272539
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.9
79 8.8 0.0 28.2

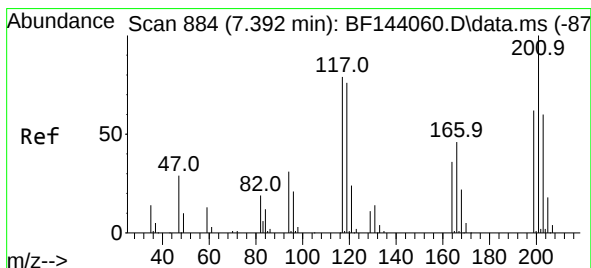
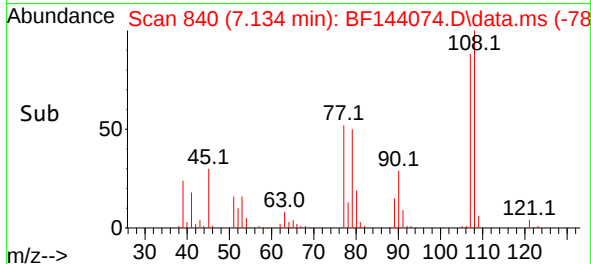
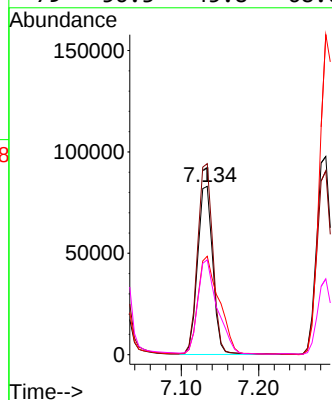
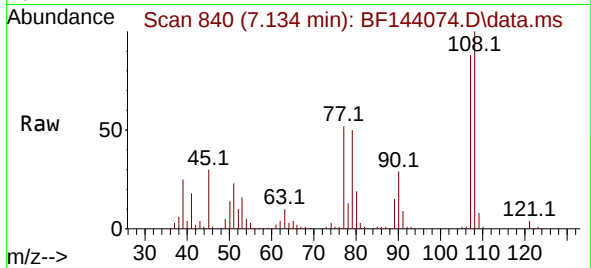




#17
2-Methylphenol
Concen: 43.474 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

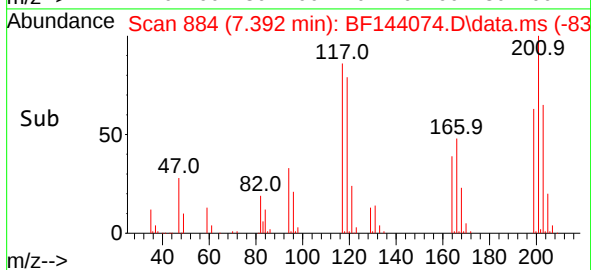
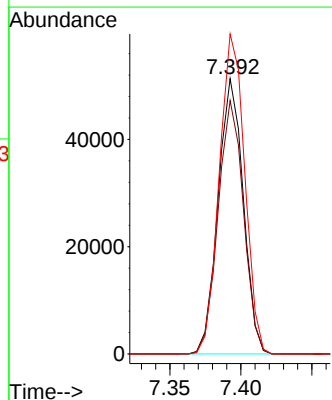
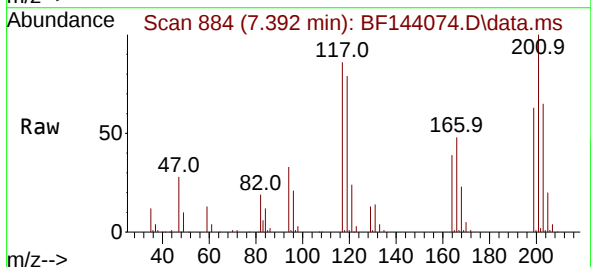
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

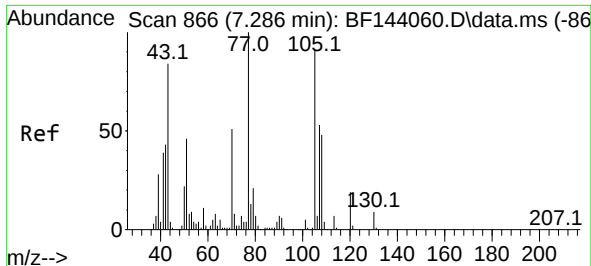
Tgt Ion:107 Resp: 113631
Ion Ratio Lower Upper
107 100
108 113.5 96.4 144.6
77 58.5 46.8 70.2
79 56.3 45.8 68.6



#18
Hexachloroethane
Concen: 42.808 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:117 Resp: 63229
Ion Ratio Lower Upper
117 100
119 92.0 76.6 115.0
201 116.2 100.9 151.3

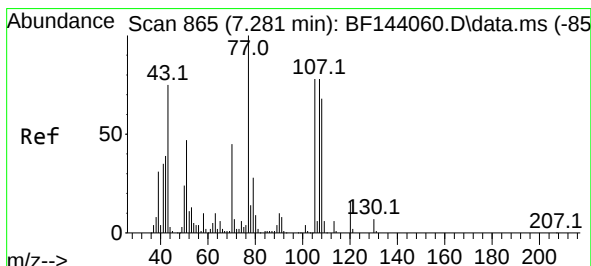
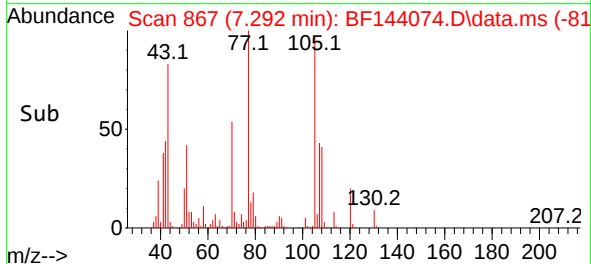
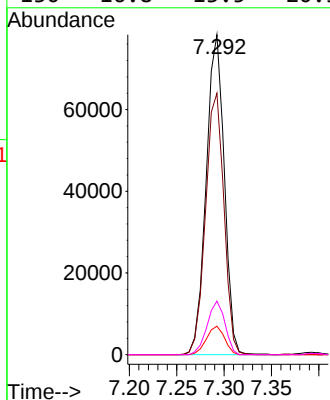
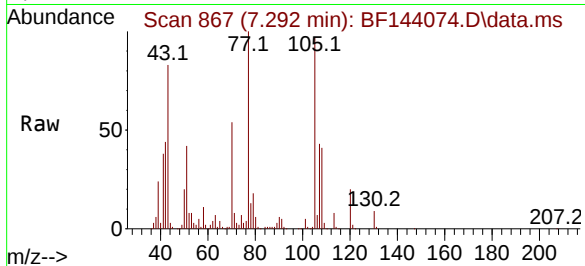




#19
n-Nitroso-di-n-propylamine
Concen: 42.191 ng
RT: 7.292 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

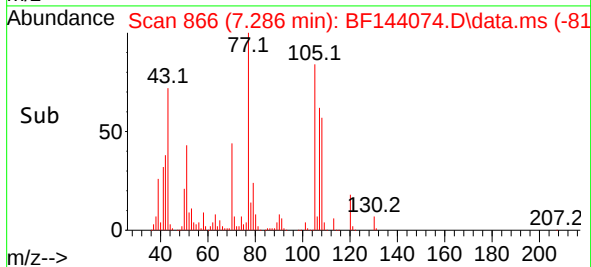
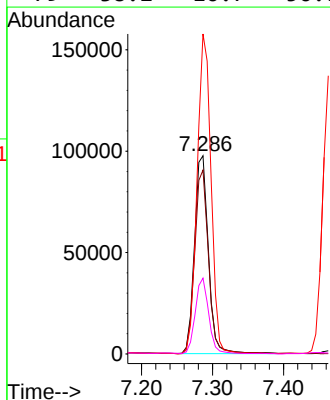
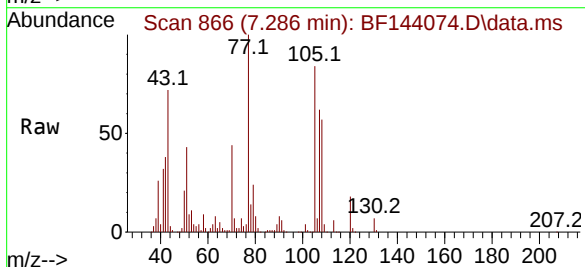
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

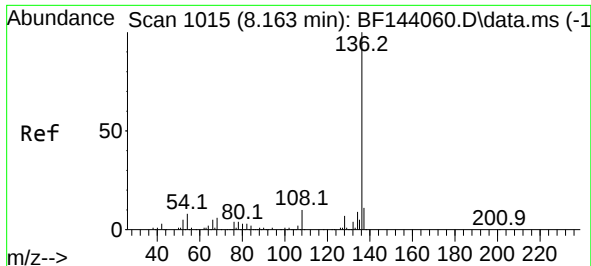
Tgt Ion: 70 Resp: 103980
Ion Ratio Lower Upper
70 100
42 81.7 67.4 101.0
101 8.9 7.1 10.7
130 16.8 13.5 20.3



#20
3+4-Methylphenols
Concen: 43.078 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 133106
Ion Ratio Lower Upper
107 100
108 92.8 68.0 108.0
77 161.4 108.7 148.7#
79 38.2 16.7 56.7

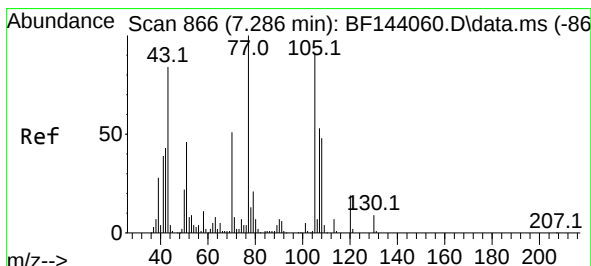
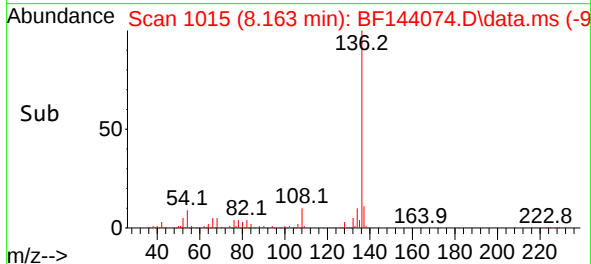
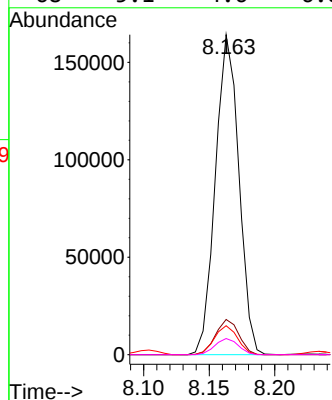
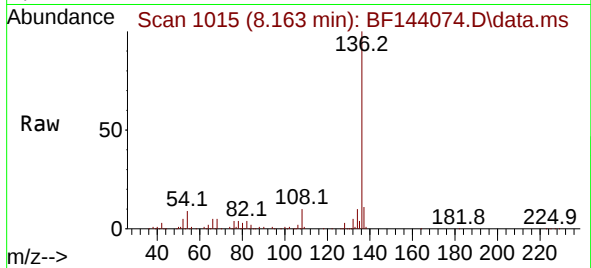




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

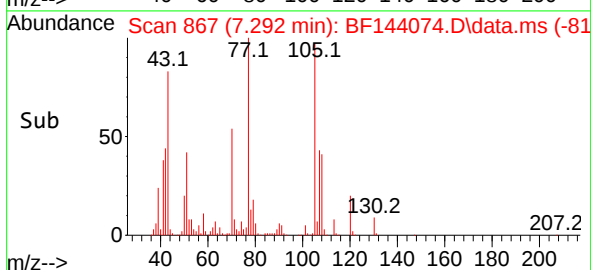
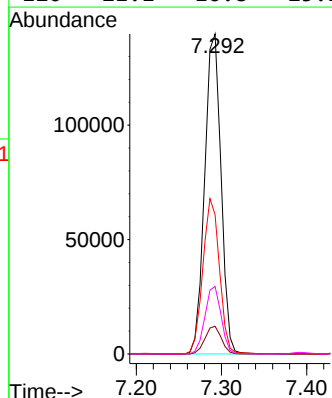
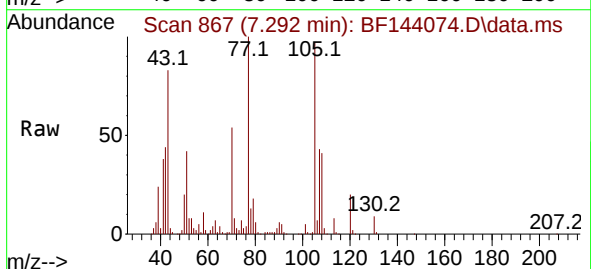
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

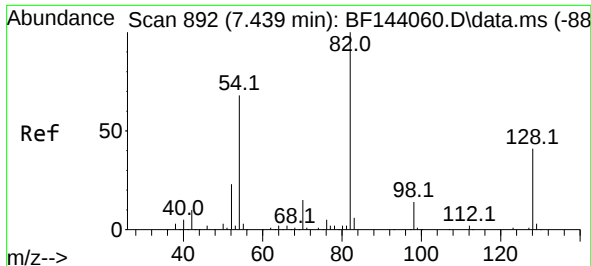
Tgt Ion:136 Resp: 204208
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 9.8
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 42.203 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:105 Resp: 186251
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 43.5 40.6 60.8
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 84.277 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

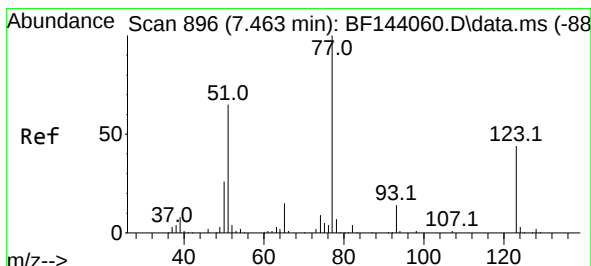
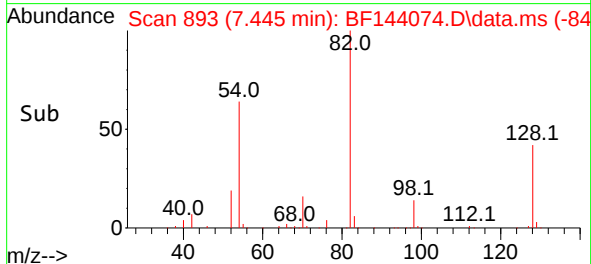
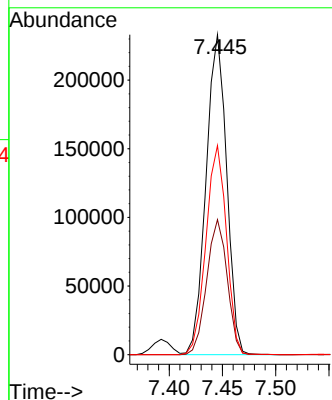
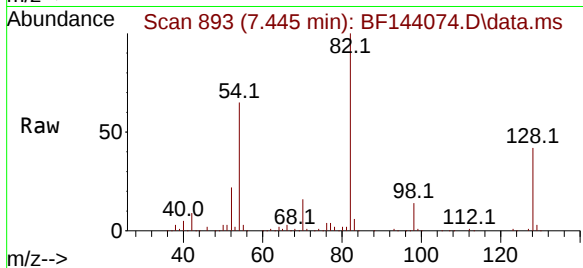
Tgt Ion: 82 Resp: 314127

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 65.3 54.0 81.0



#24

Nitrobenzene

Concen: 42.153 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

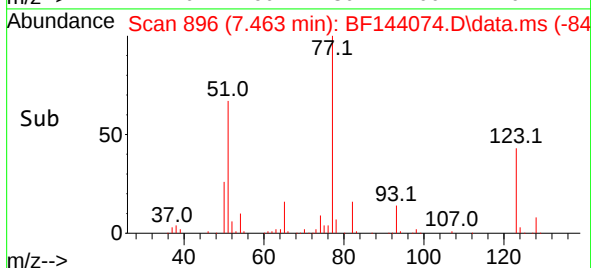
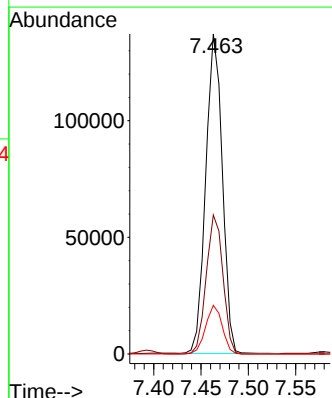
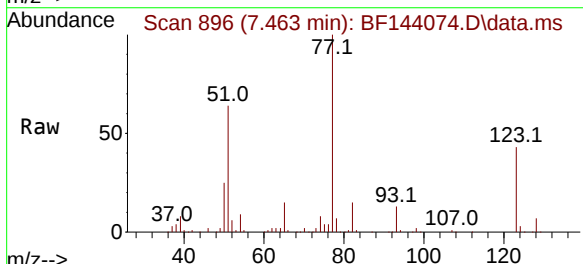
Tgt Ion: 77 Resp: 166205

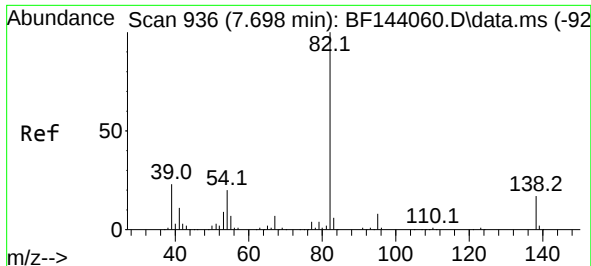
Ion Ratio Lower Upper

77 100

123 43.4 35.0 52.6

65 15.2 12.2 18.2

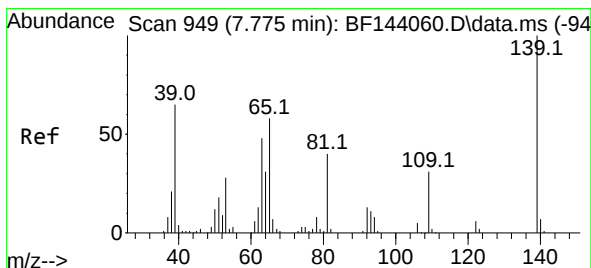
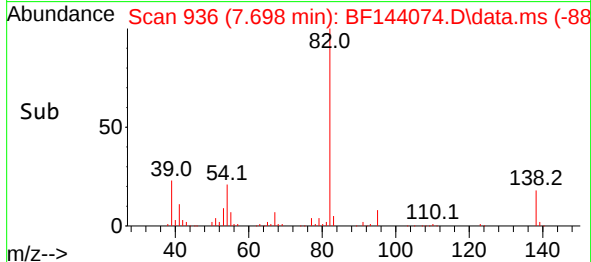
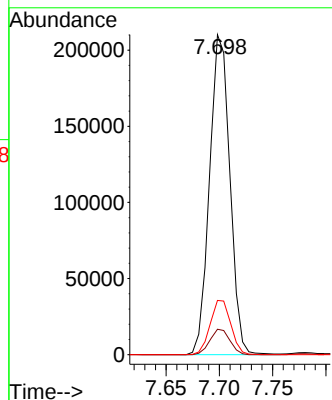
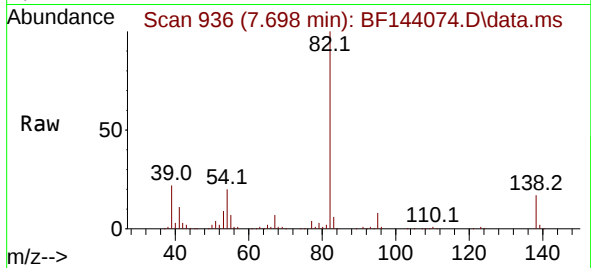




#25
Isophorone
Concen: 42.811 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

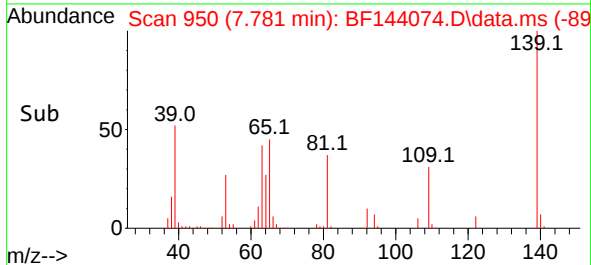
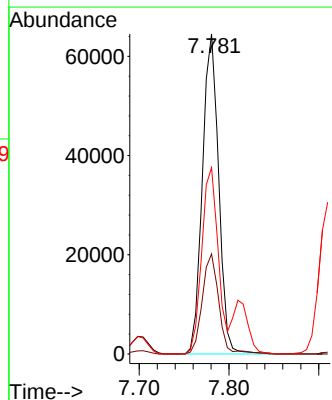
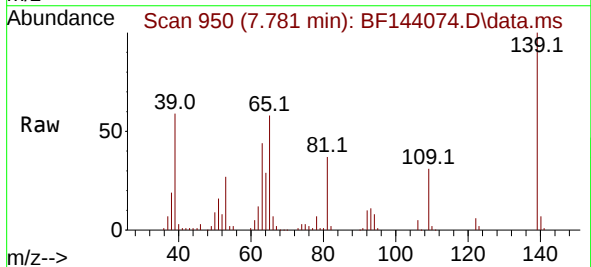
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

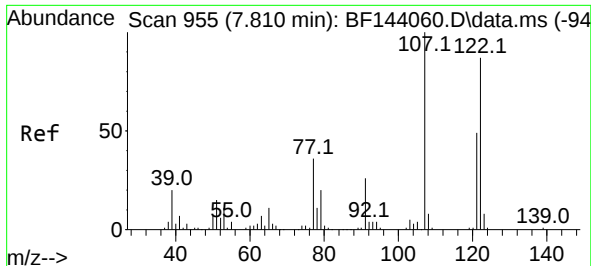
Tgt Ion: 82 Resp: 278979
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.9 13.8 20.8



#26
2-Nitrophenol
Concen: 43.268 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:139 Resp: 81158
Ion Ratio Lower Upper
139 100
109 31.2 24.6 37.0
65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 45.340 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

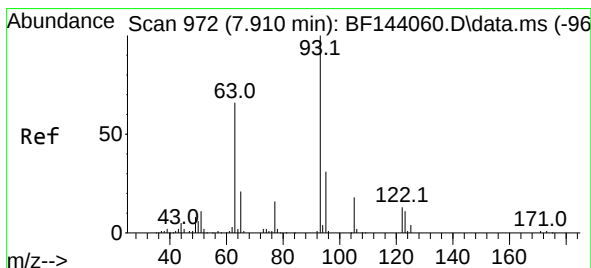
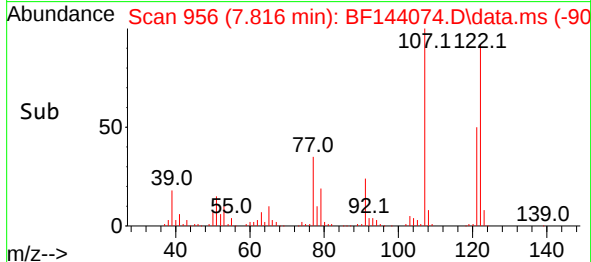
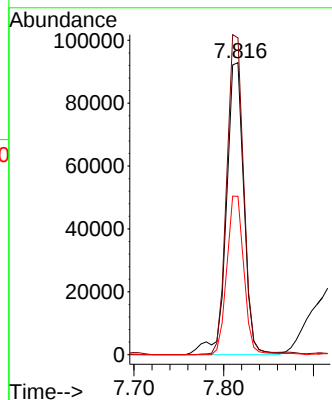
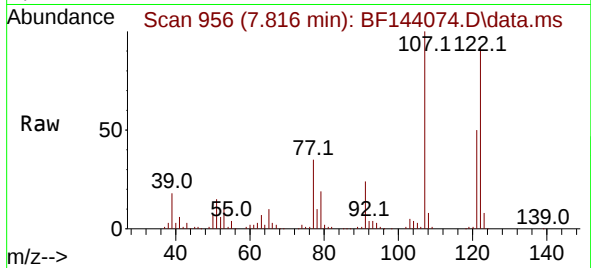
Tgt Ion:122 Resp: 126382

Ion Ratio Lower Upper

122 100

107 108.5 91.8 137.8

121 54.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.723 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

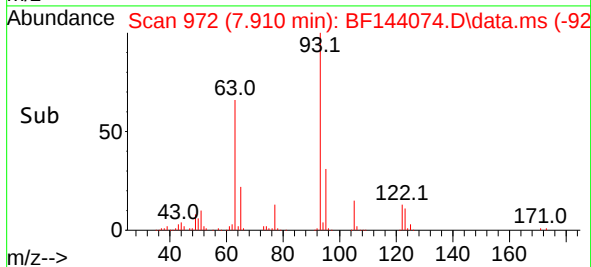
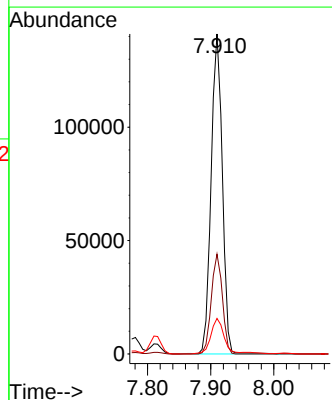
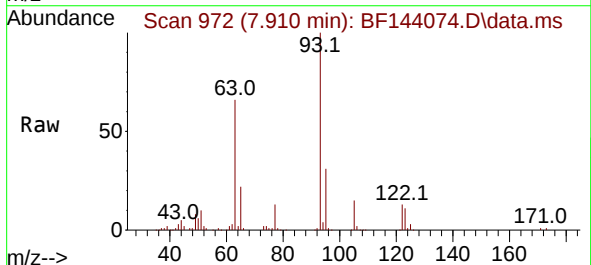
Tgt Ion: 93 Resp: 173620

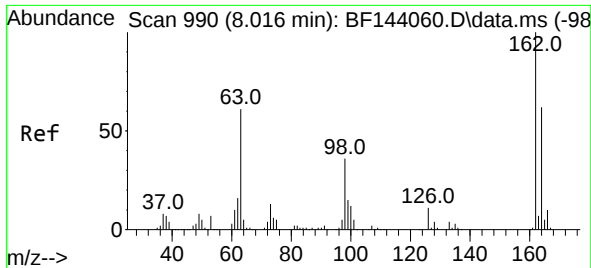
Ion Ratio Lower Upper

93 100

95 31.2 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.393 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

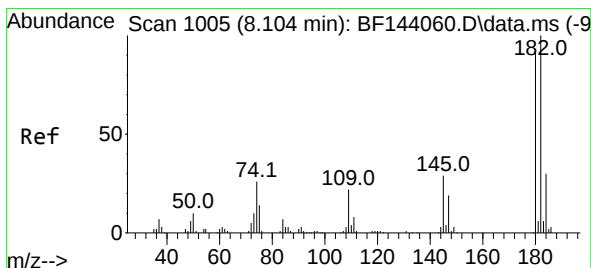
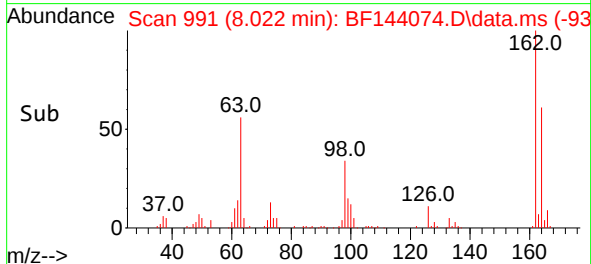
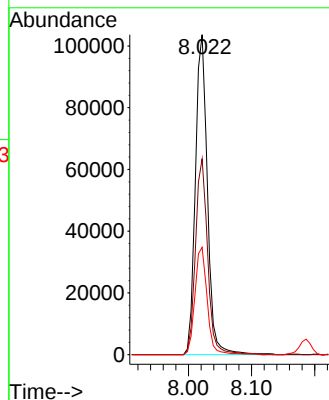
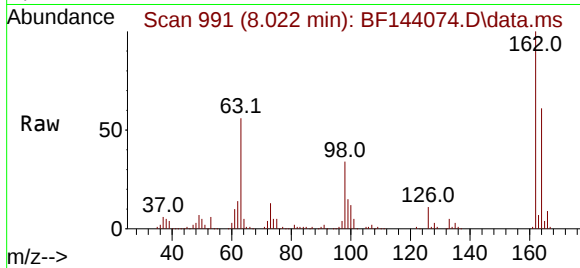
Tgt Ion:162 Resp: 137420

Ion Ratio Lower Upper

162 100

164 61.2 42.1 82.1

98 33.5 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 41.079 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

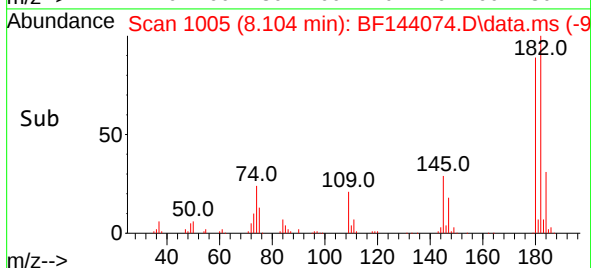
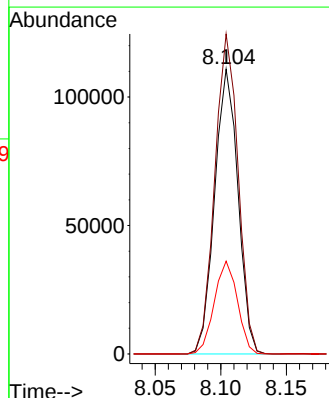
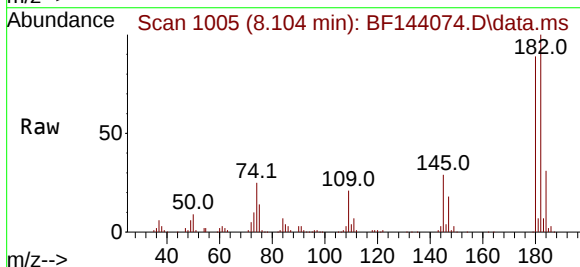
Tgt Ion:180 Resp: 136990

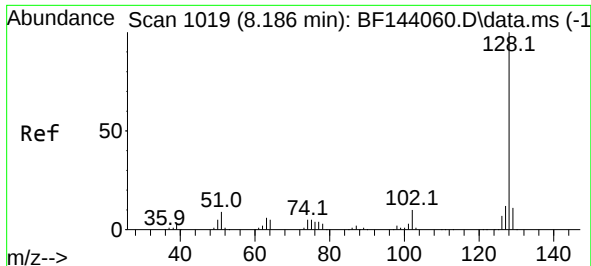
Ion Ratio Lower Upper

180 100

182 112.3 87.1 130.7

145 32.6 25.3 37.9

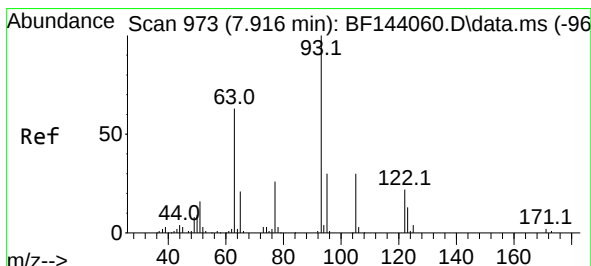
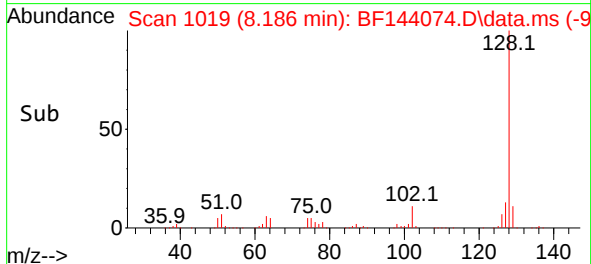
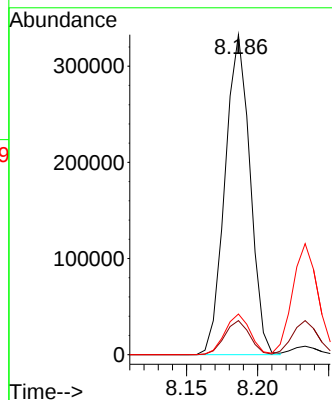
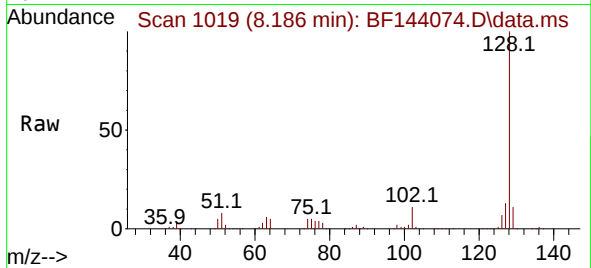




#31
Naphthalene
Concen: 42.271 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

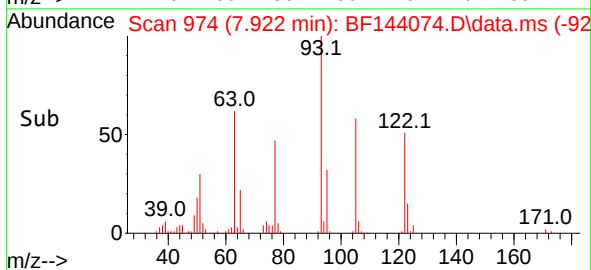
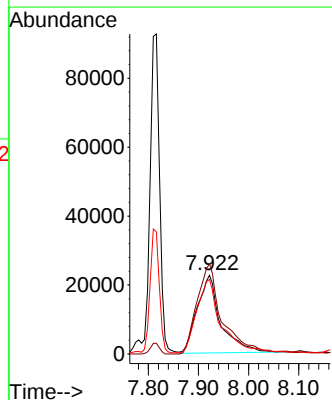
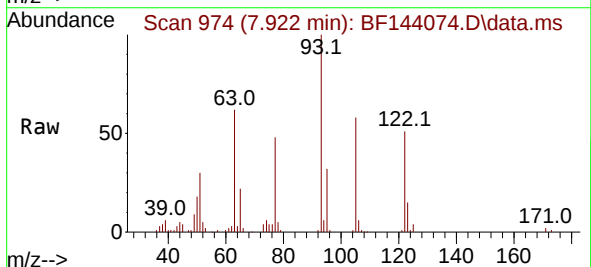
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

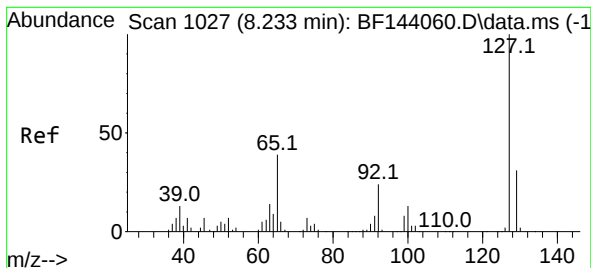
Tgt Ion:128 Resp: 407407
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 9.9 14.9



#32
Benzoic acid
Concen: 41.781 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:122 Resp: 73873
Ion Ratio Lower Upper
122 100
105 114.4 111.3 151.3
77 94.7 96.7 136.7#





#33

4-Chloroaniline

Concen: 44.158 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 148161

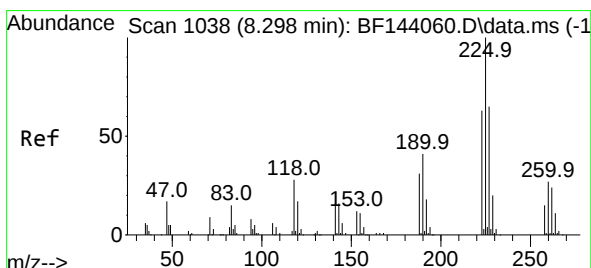
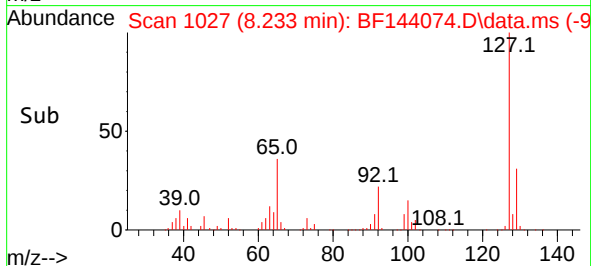
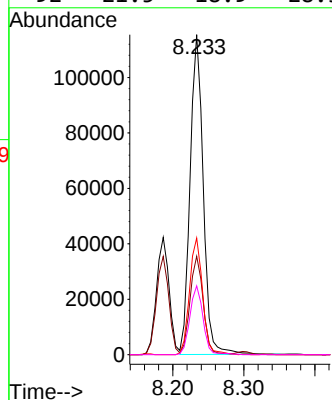
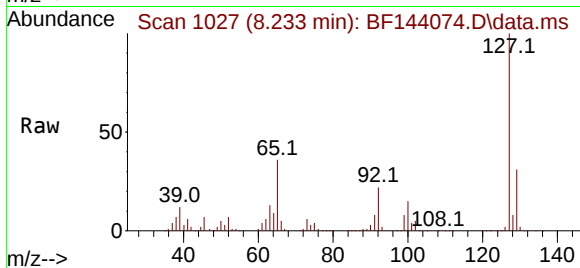
Ion Ratio Lower Upper

127 100

129 30.8 25.6 38.4

65 36.5 30.9 46.3

92 21.5 18.9 28.3



#34

Hexachlorobutadiene

Concen: 40.877 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

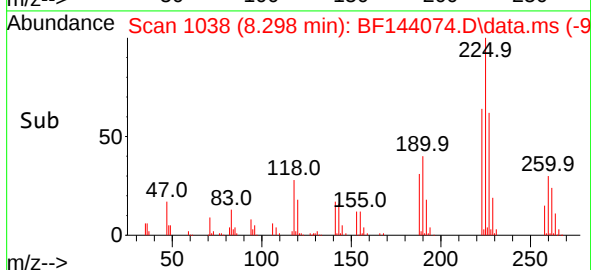
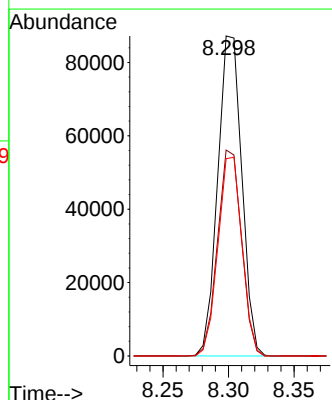
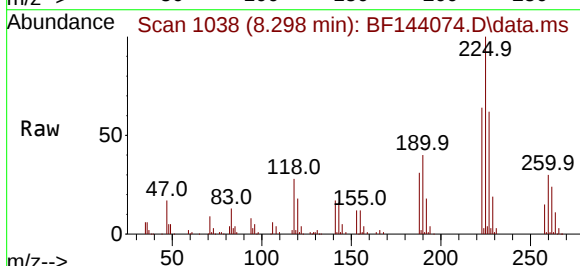
Tgt Ion:225 Resp: 111465

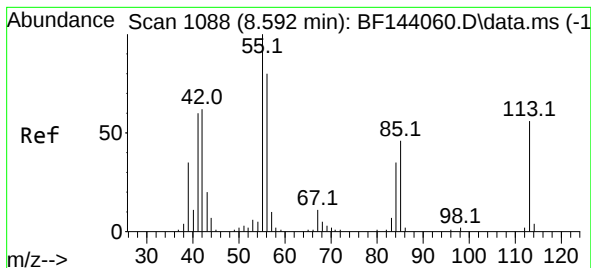
Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

227 61.7 51.8 77.8





#35

Caprolactam

Concen: 43.869 ng

RT: 8.598 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

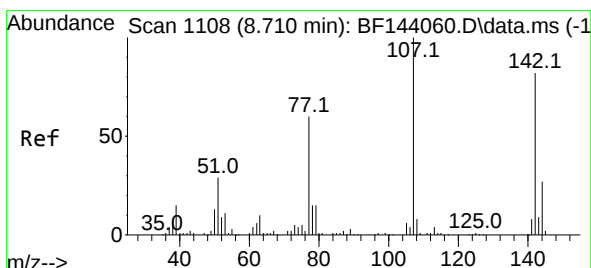
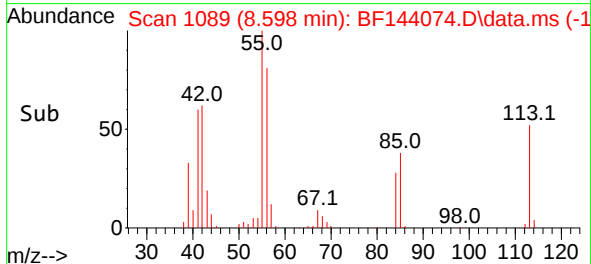
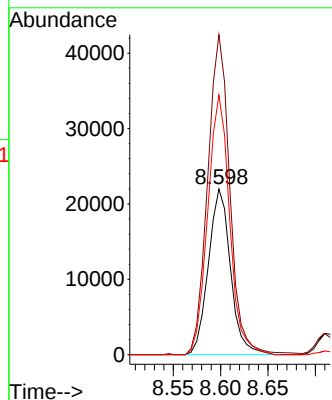
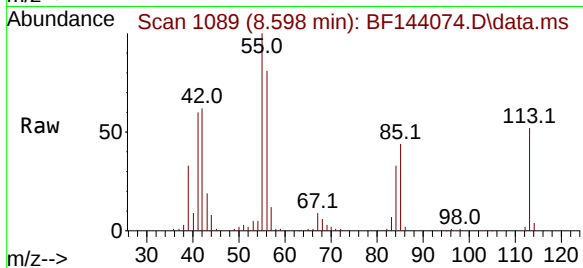
Tgt Ion:113 Resp: 35660

Ion Ratio Lower Upper

113 100

55 193.2 160.1 200.1

56 156.7 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 43.150 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

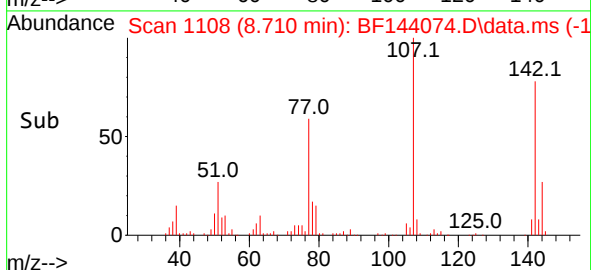
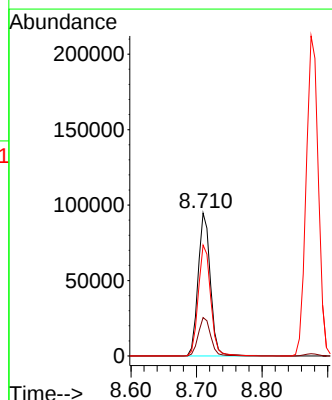
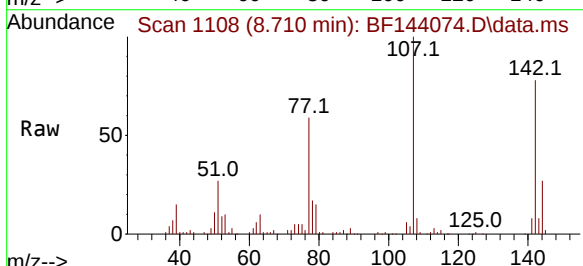
Tgt Ion:107 Resp: 123434

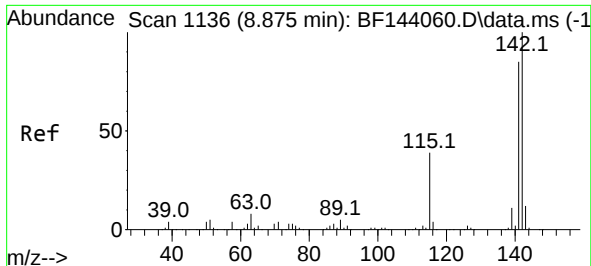
Ion Ratio Lower Upper

107 100

144 26.8 21.6 32.4

142 77.5 65.4 98.0

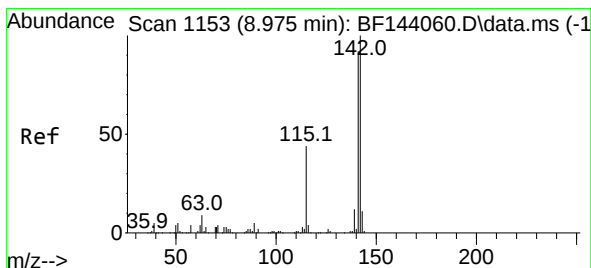
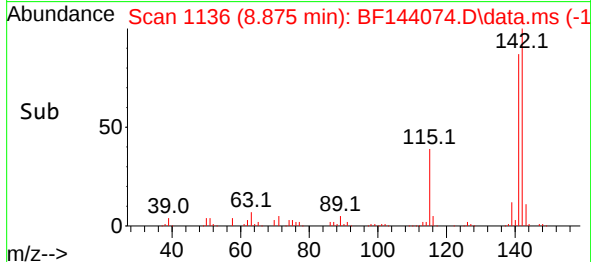
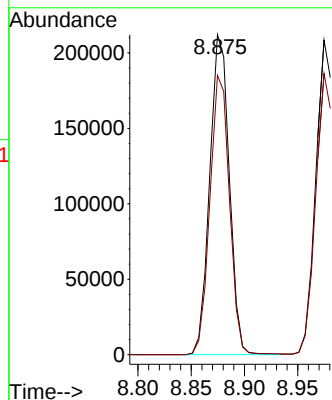
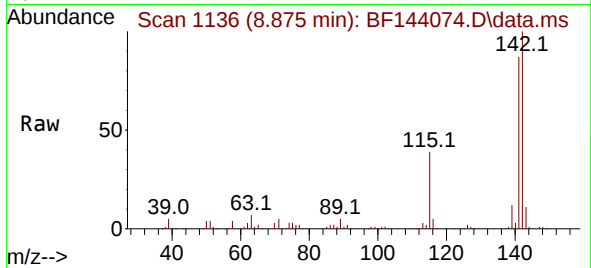




#37
2-Methylnaphthalene
Concen: 42.699 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

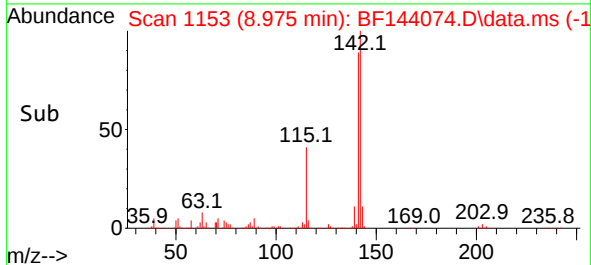
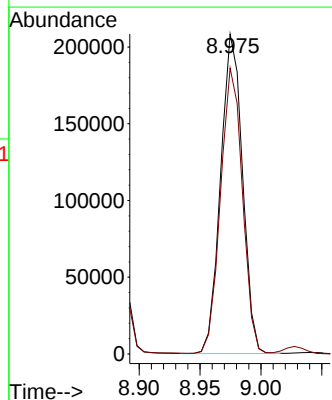
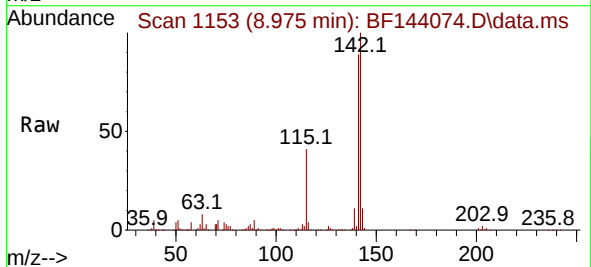
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

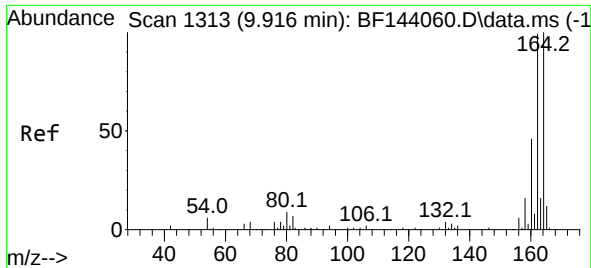
Tgt Ion:142 Resp: 271332
Ion Ratio Lower Upper
142 100
141 87.3 67.6 101.4



#38
1-Methylnaphthalene
Concen: 43.152 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:142 Resp: 259791
Ion Ratio Lower Upper
142 100
141 89.3 73.4 110.2

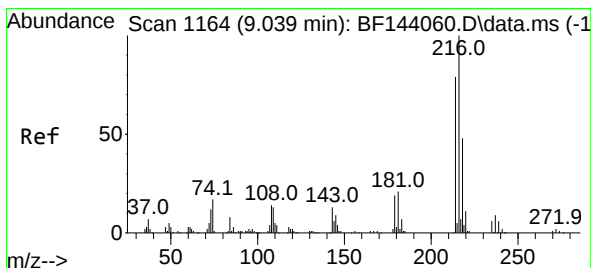
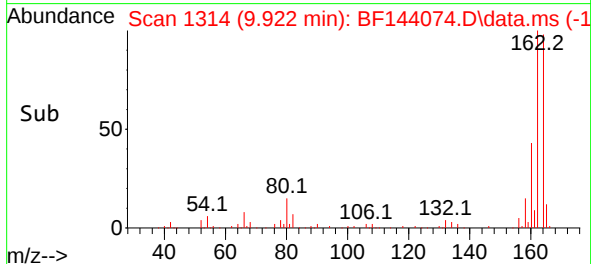
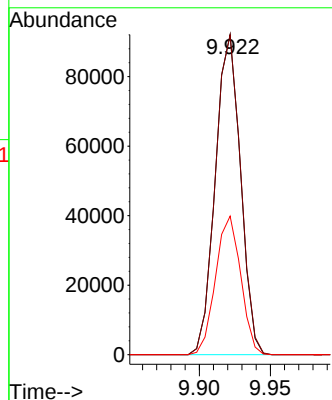
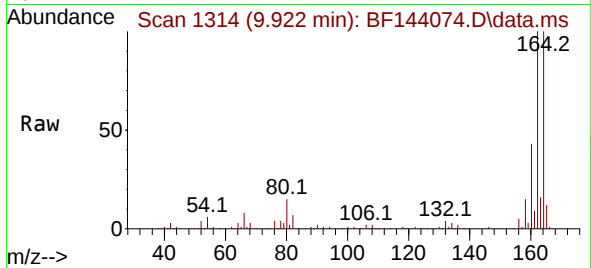




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

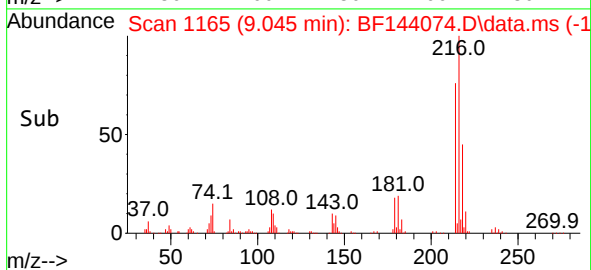
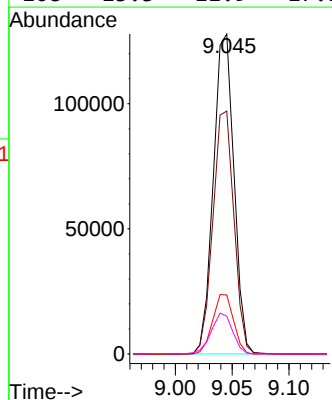
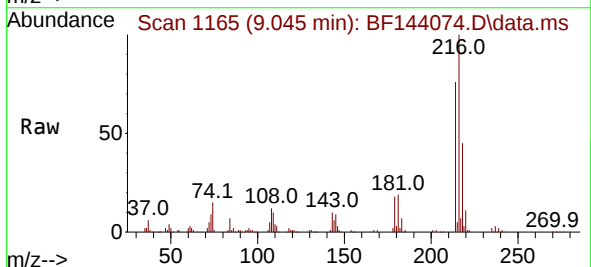
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

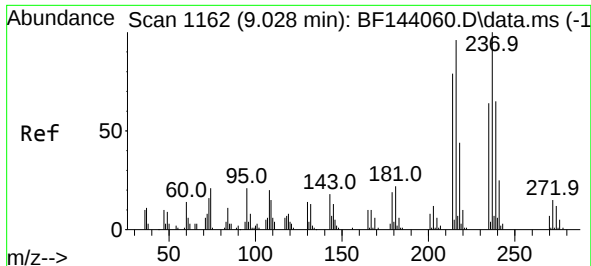
Tgt Ion:164 Resp: 113226
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 43.3 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.440 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:216 Resp: 161259
Ion Ratio Lower Upper
216 100
214 77.5 63.2 94.8
179 18.8 15.2 22.8
108 13.3 11.9 17.9

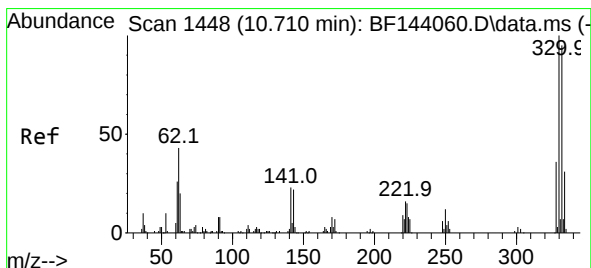
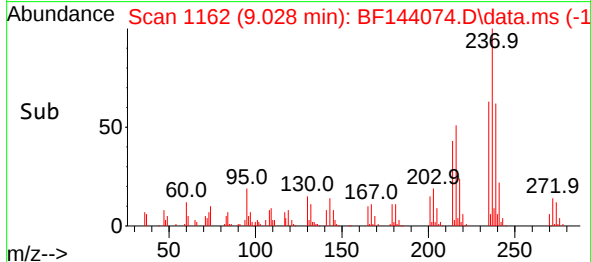
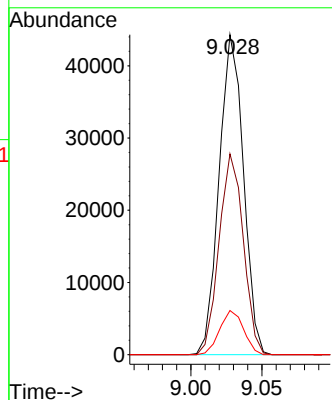
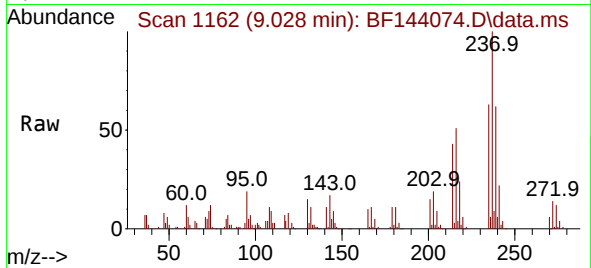




#41
Hexachlorocyclopentadiene
Concen: 43.878 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

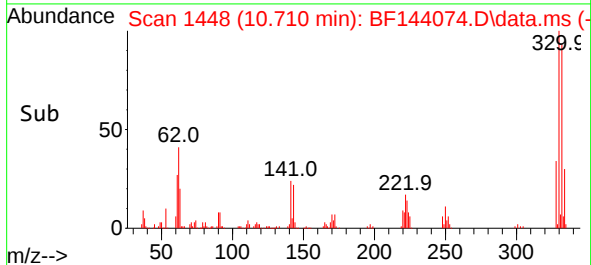
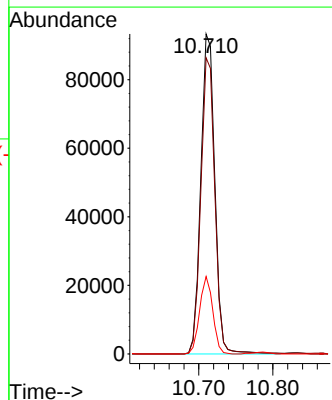
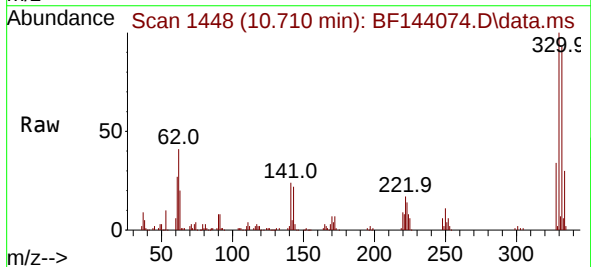
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

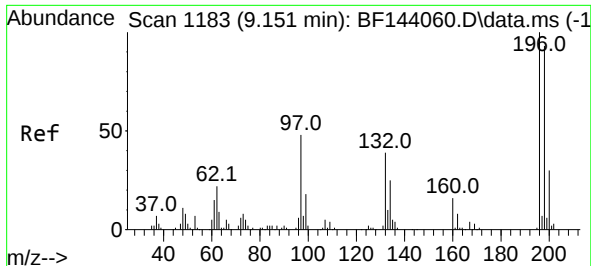
Tgt Ion:237 Resp: 52737
Ion Ratio Lower Upper
237 100
235 62.7 44.3 84.3
272 13.8 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 84.893 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:330 Resp: 122439
Ion Ratio Lower Upper
330 100
332 92.6 77.0 115.6
141 22.7 19.4 29.0

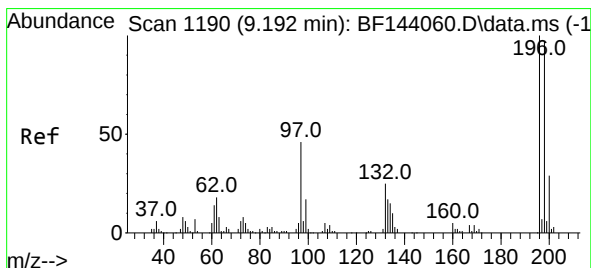
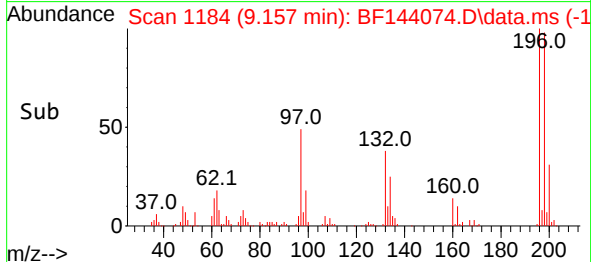
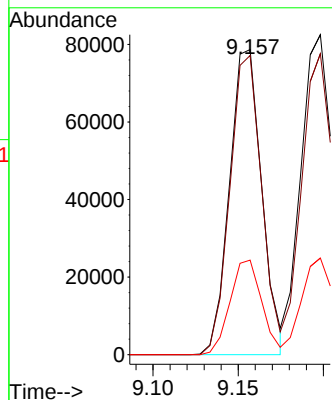
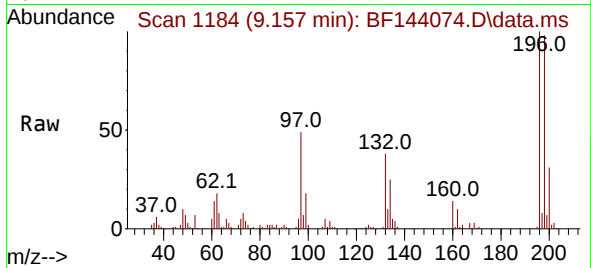




#43
2,4,6-Trichlorophenol
Concen: 40.949 ng
RT: 9.157 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

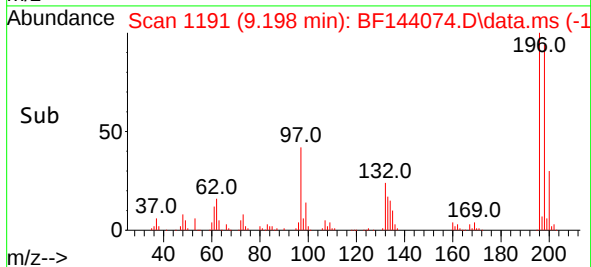
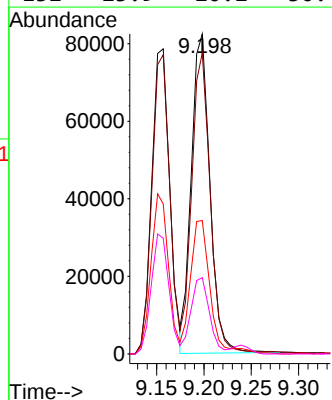
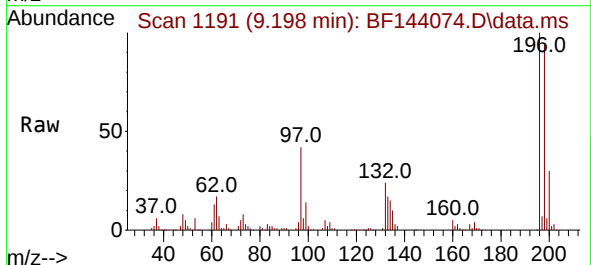
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

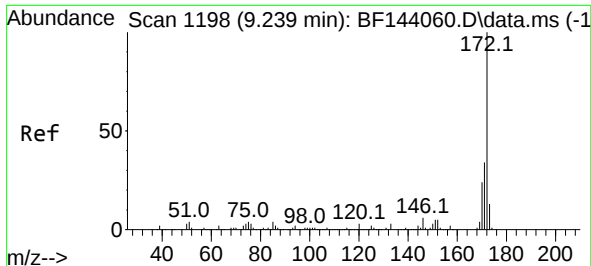
Tgt Ion:196 Resp: 103575
Ion Ratio Lower Upper
196 100
198 98.0 74.4 111.6
200 31.0 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 42.599 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:196 Resp: 113082
Ion Ratio Lower Upper
196 100
198 94.1 78.0 117.0
97 41.7 37.7 56.5
132 23.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

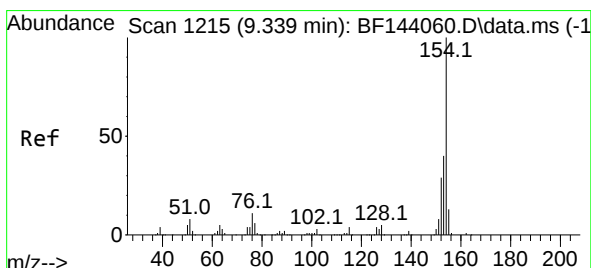
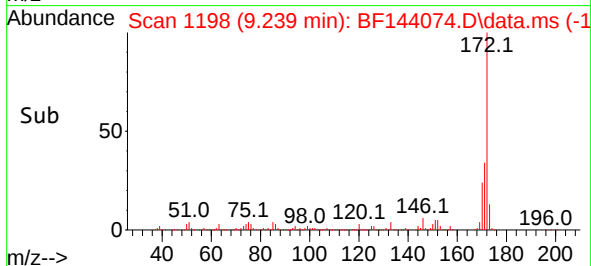
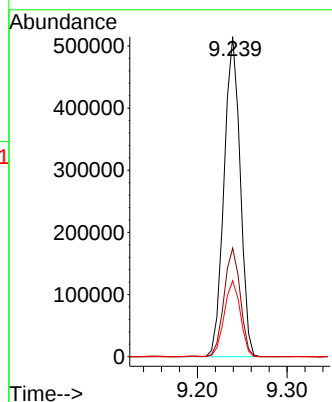
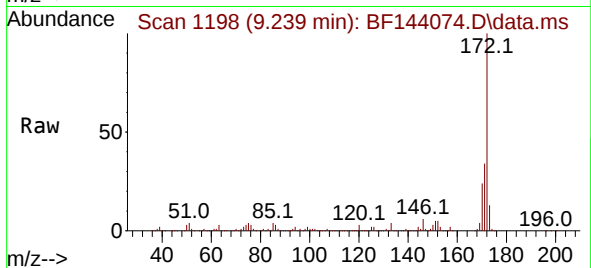
Tgt Ion:172 Resp: 642905

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.027 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

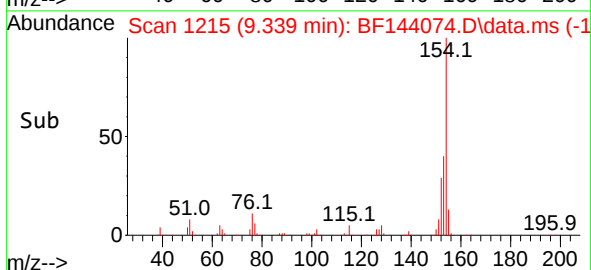
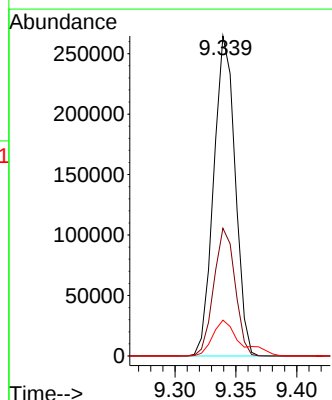
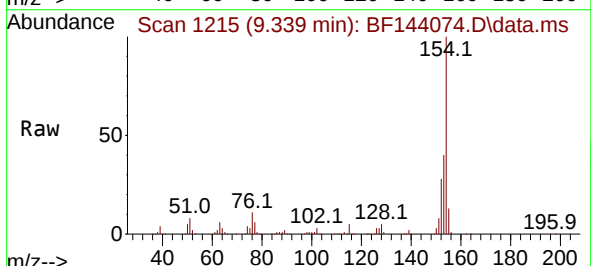
Tgt Ion:154 Resp: 324424

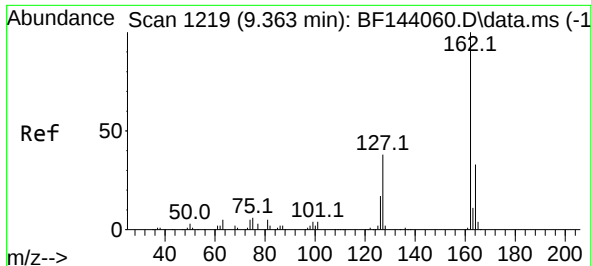
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.869 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

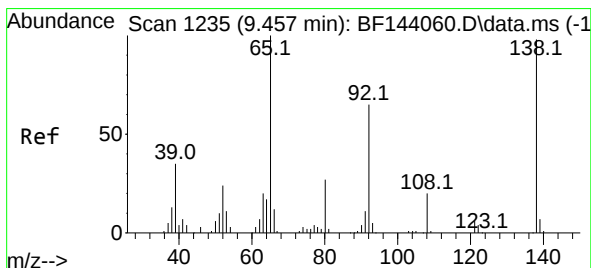
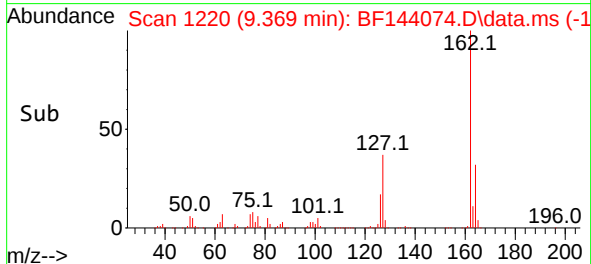
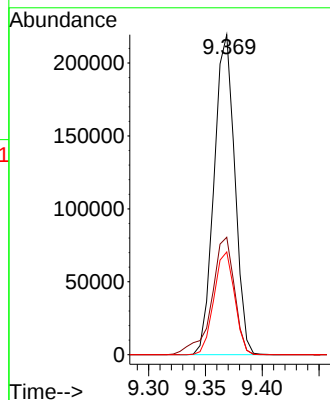
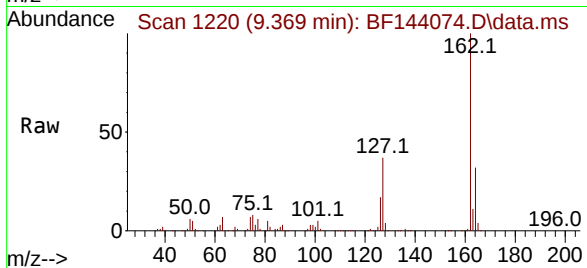
Tgt Ion:162 Resp: 277516

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

164 32.1 26.5 39.7



#48

2-Nitroaniline

Concen: 43.173 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

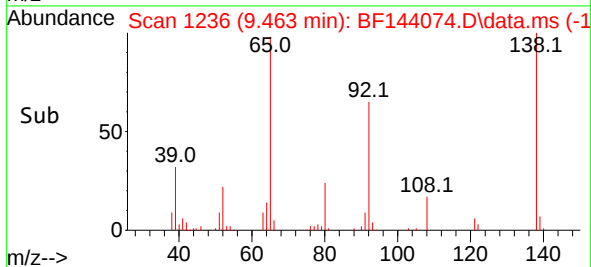
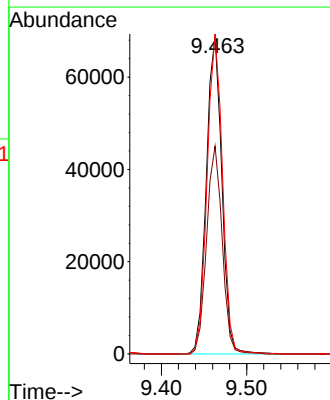
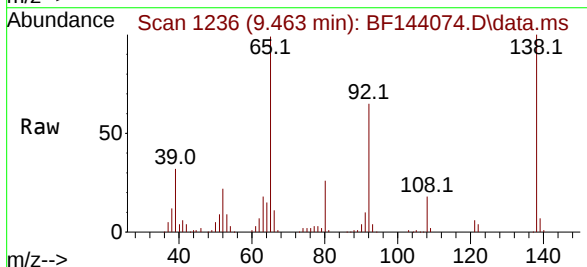
Tgt Ion: 65 Resp: 87054

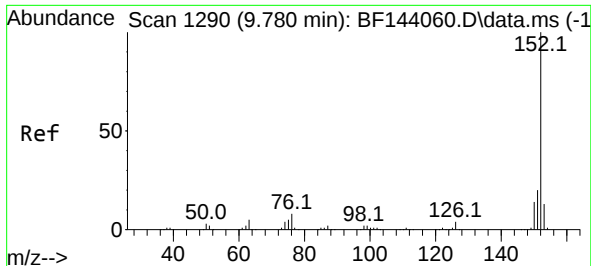
Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 100.8 78.3 117.5





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

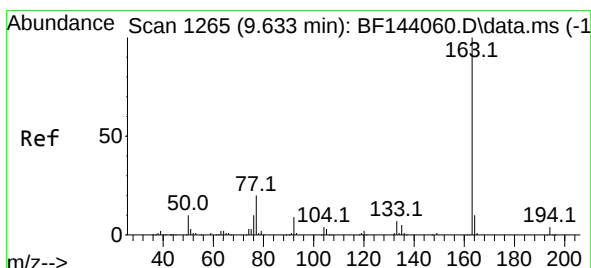
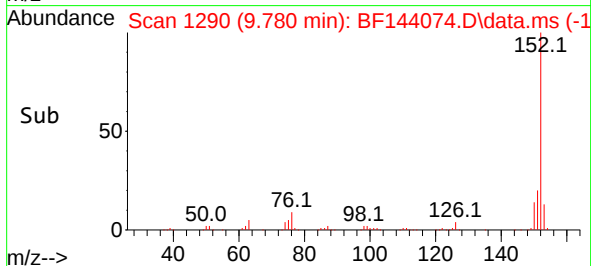
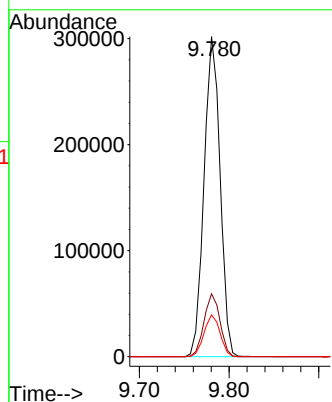
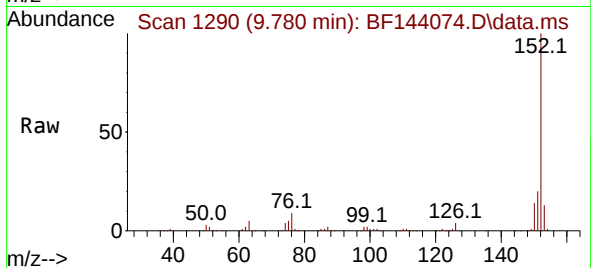
Tgt Ion:152 Resp: 374544

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.020 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

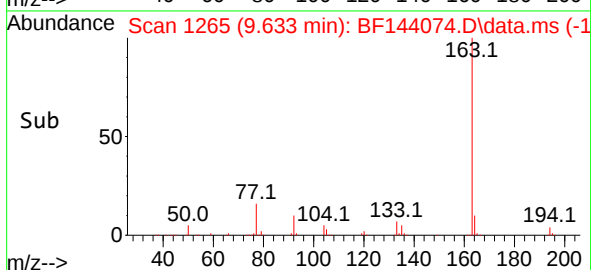
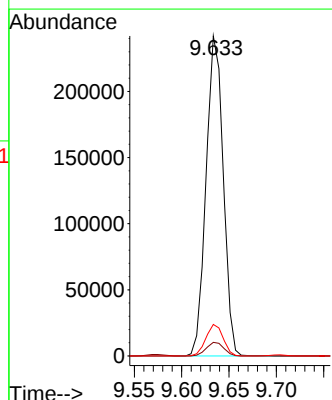
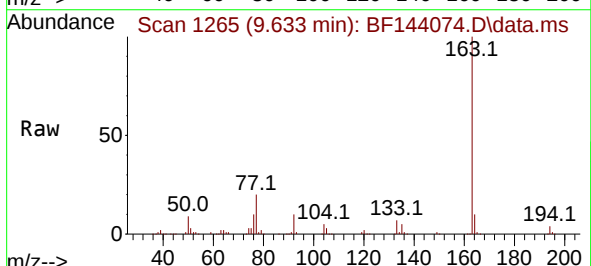
Tgt Ion:163 Resp: 304442

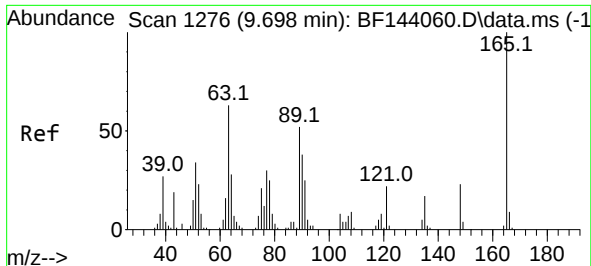
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 7.8 11.8

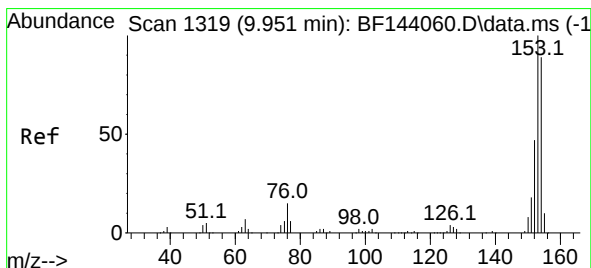
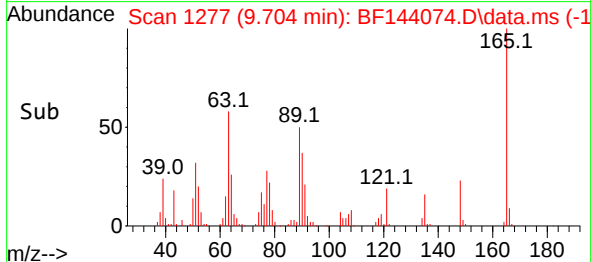
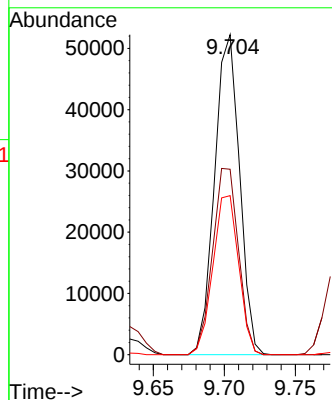
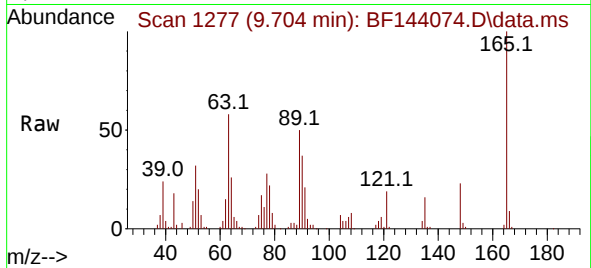




#51
2,6-Dinitrotoluene
Concen: 43.531 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

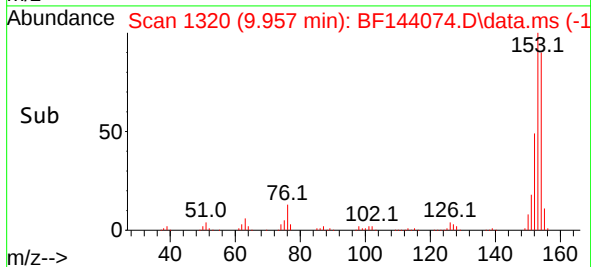
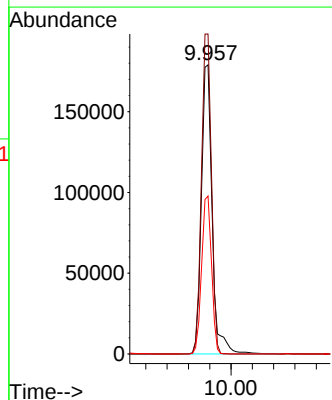
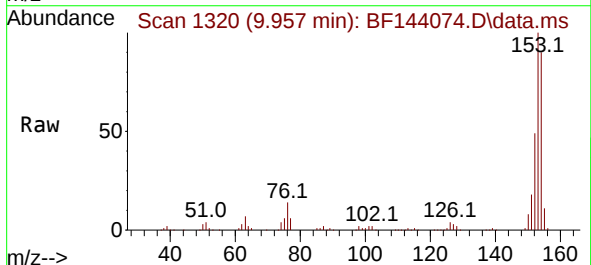
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

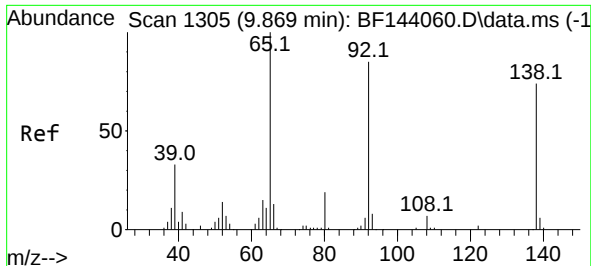
Tgt Ion:165 Resp: 63869
Ion Ratio Lower Upper
165 100
63 58.0 50.4 75.6
89 49.7 41.4 62.2



#52
Acenaphthene
Concen: 40.938 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 250322
Ion Ratio Lower Upper
154 100
153 110.7 89.9 134.9
152 54.6 42.0 63.0

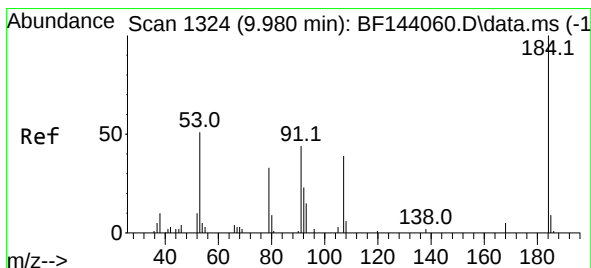
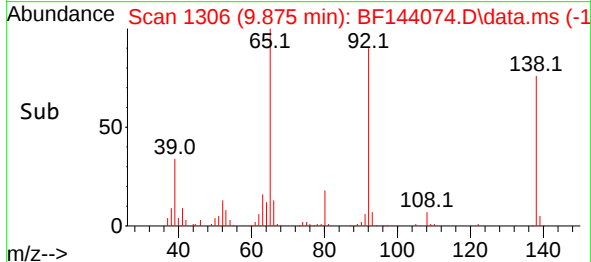
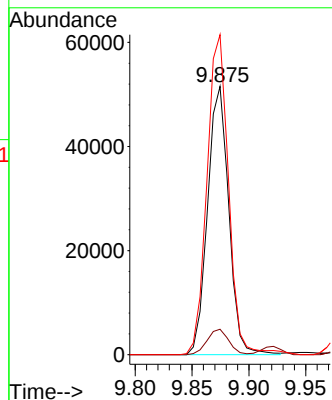
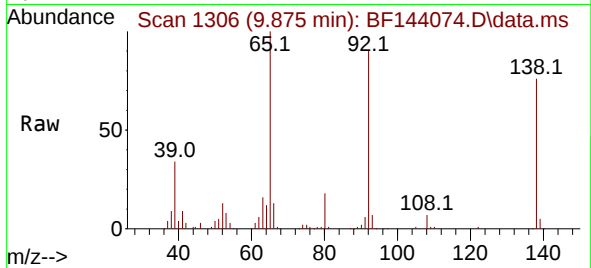




#53
3-Nitroaniline
Concen: 41.061 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

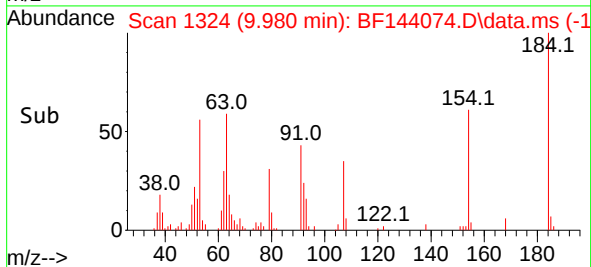
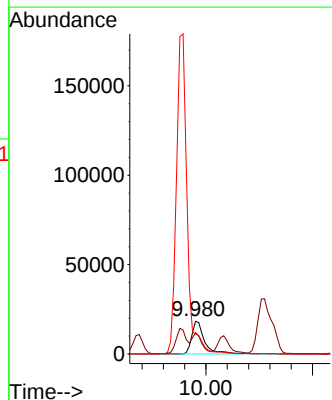
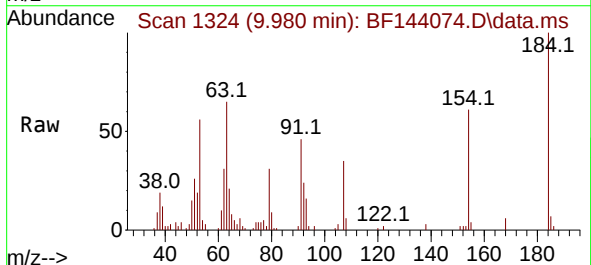
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

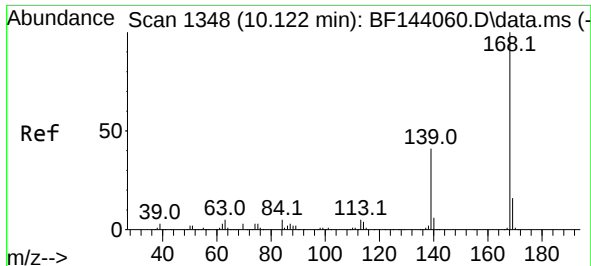
Tgt Ion:138 Resp: 66981
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 119.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 38.960 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:184 Resp: 30917
Ion Ratio Lower Upper
184 100
63 65.0 52.1 78.1
154 61.3 47.9 71.9

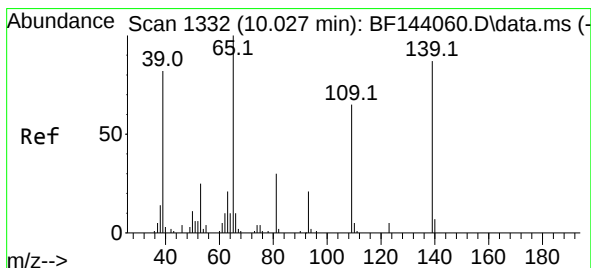
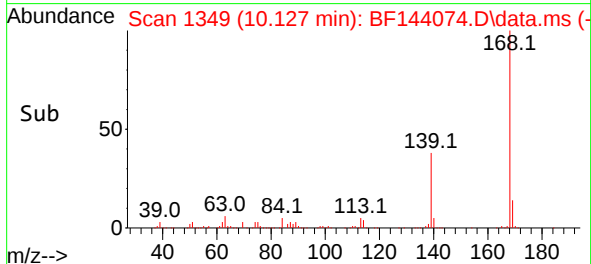
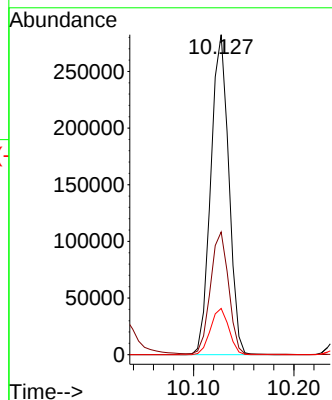
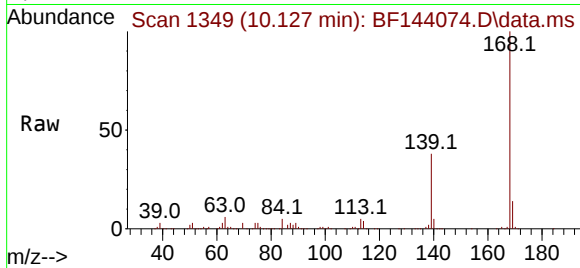




#55
Dibenzenofuran
Concen: 41.318 ng
RT: 10.127 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

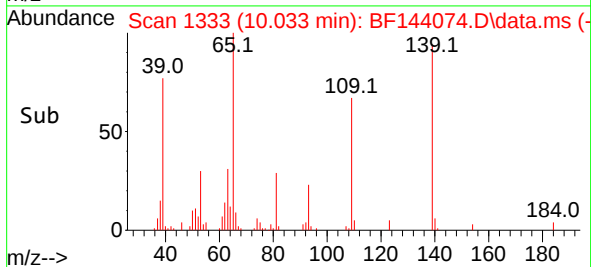
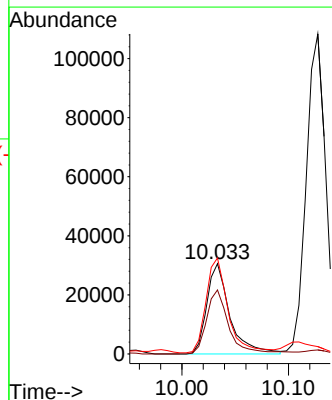
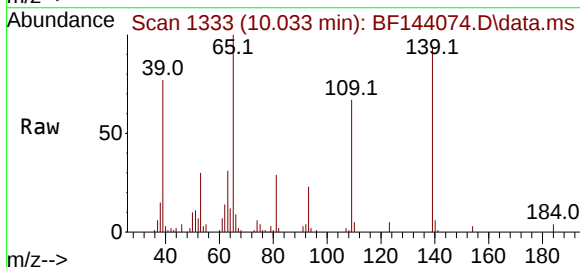
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

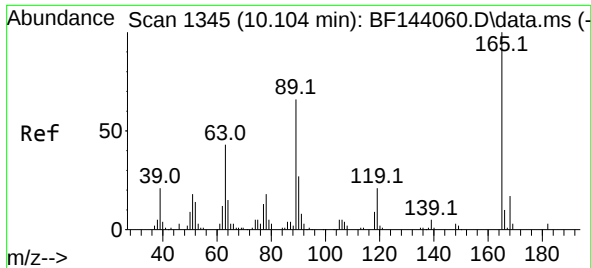
Tgt Ion:168 Resp: 350742
Ion Ratio Lower Upper
168 100
139 38.4 33.2 49.8
169 14.4 12.6 19.0



#56
4-Nitrophenol
Concen: 41.527 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:139 Resp: 45872
Ion Ratio Lower Upper
139 100
109 70.8 53.8 93.8
65 106.4 95.9 135.9

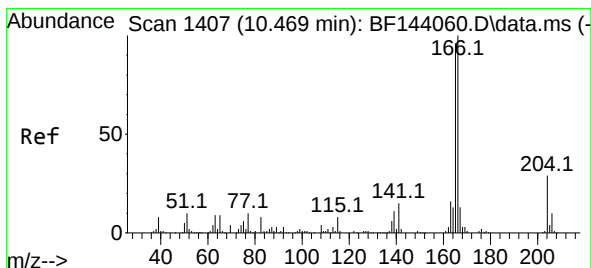
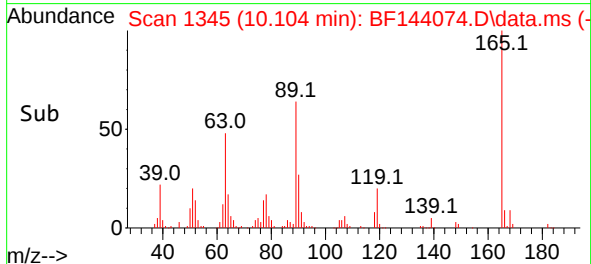
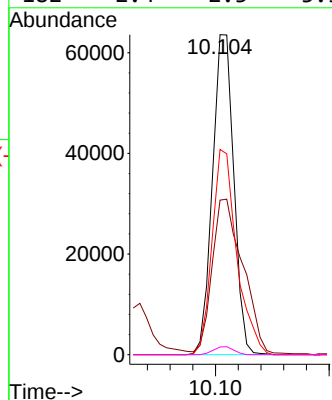
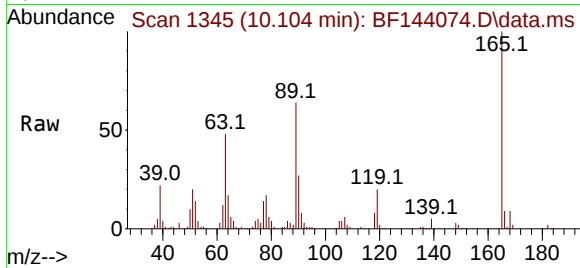




#57
2,4-Dinitrotoluene
Concen: 41.918 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

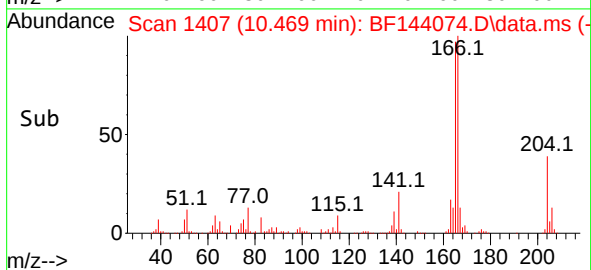
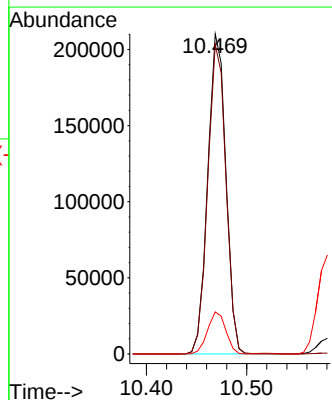
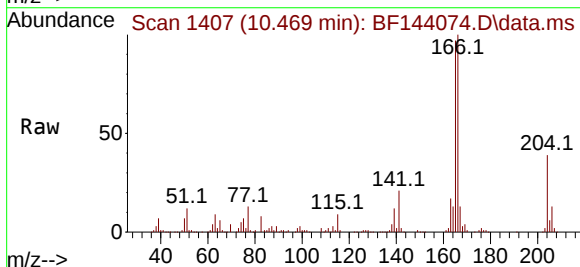
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

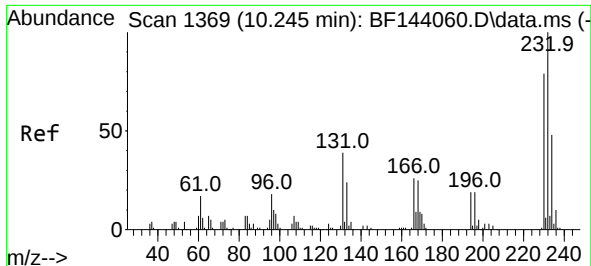
Tgt Ion:	165	Resp:	83007
Ion Ratio	Lower	Upper	
165	100		
63	48.3	35.4	53.2
89	64.2	52.7	79.1
182	2.4	2.3	3.5



#58
Fluorene
Concen: 40.866 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:	166	Resp:	264329
Ion Ratio	Lower	Upper	
166	100		
165	96.7	77.0	115.4
167	13.1	10.2	15.4

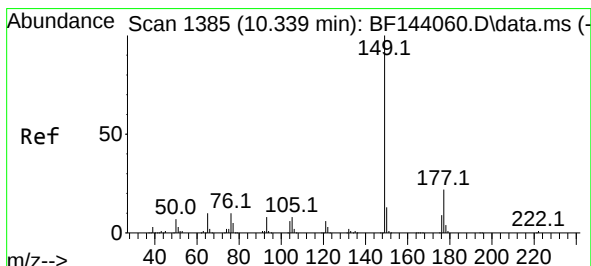
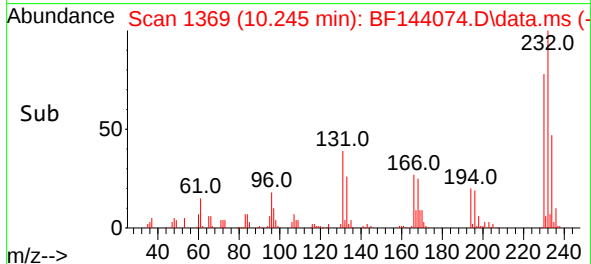
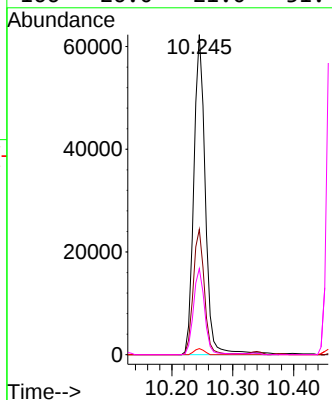
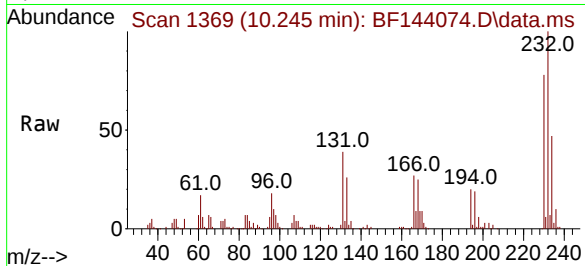




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.817 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

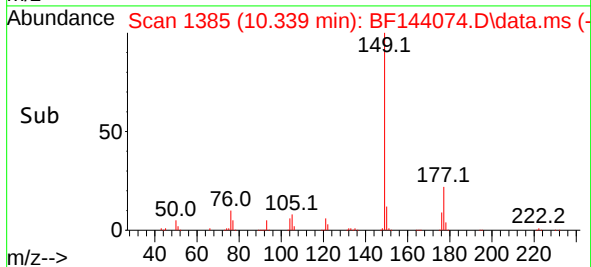
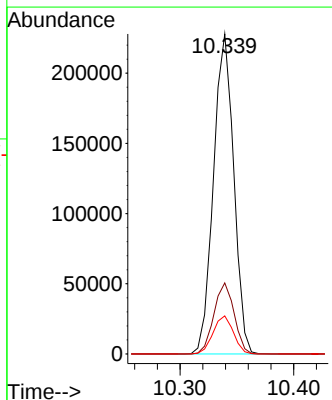
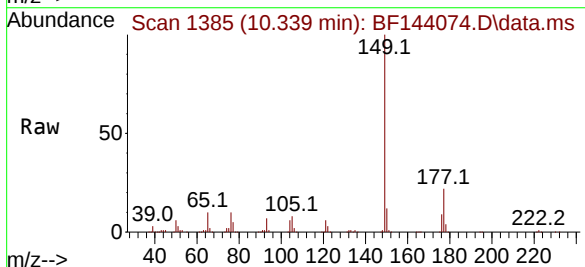
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

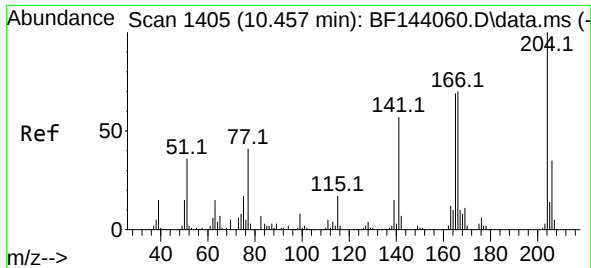
Tgt Ion:232 Resp: 81964
Ion Ratio Lower Upper
232 100
131 37.7 31.9 47.9
130 1.6 1.1 1.7
166 26.0 21.0 31.4



#60
Diethylphthalate
Concen: 40.457 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 282370
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

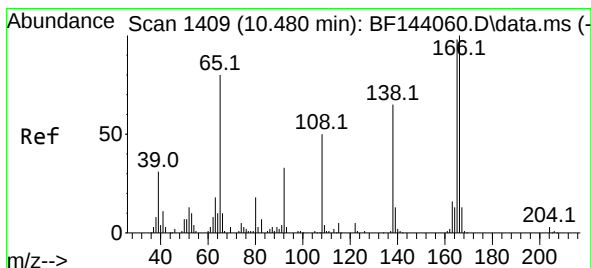
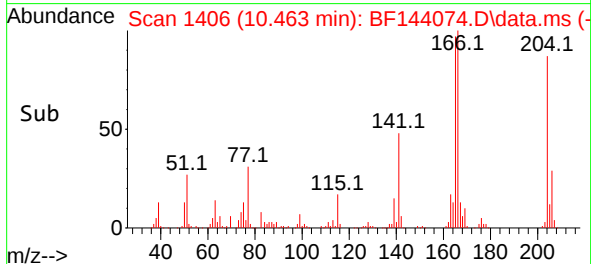
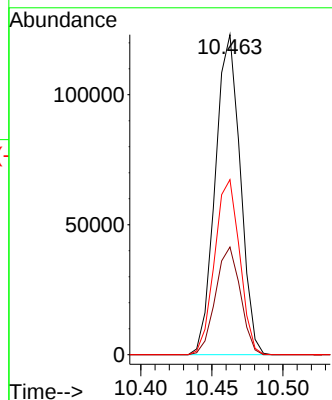
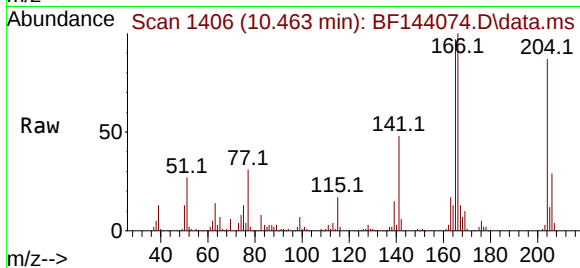




#61
4-Chlorophenyl-phenylether
Concen: 41.424 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

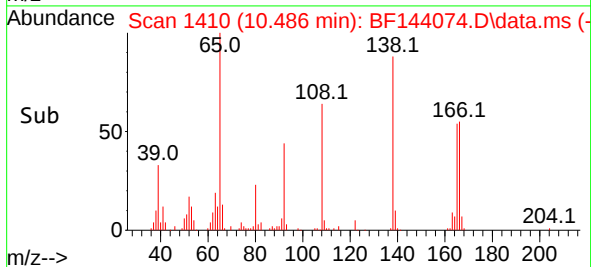
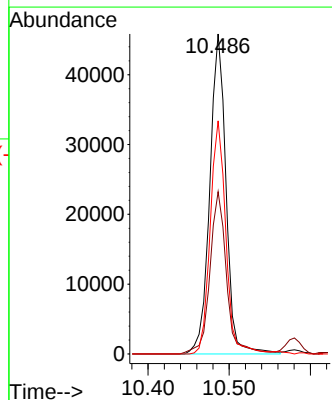
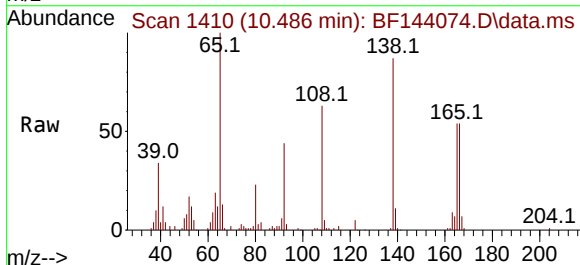
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

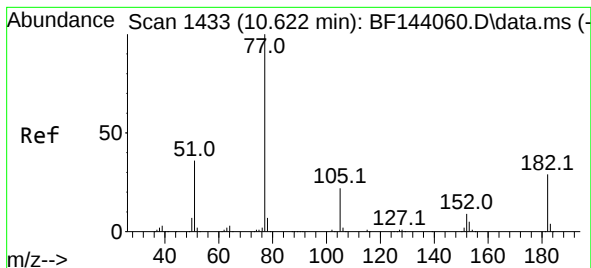
Tgt Ion:204 Resp: 150675
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 54.7 45.4 68.2



#62
4-Nitroaniline
Concen: 41.182 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:138 Resp: 63652
Ion Ratio Lower Upper
138 100
92 50.7 30.5 70.5
108 72.8 56.2 96.2





#63

Azobenzene

Concen: 40.465 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 267316

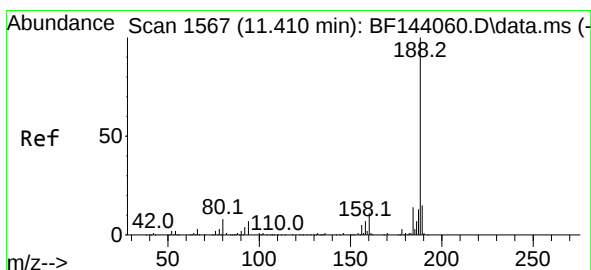
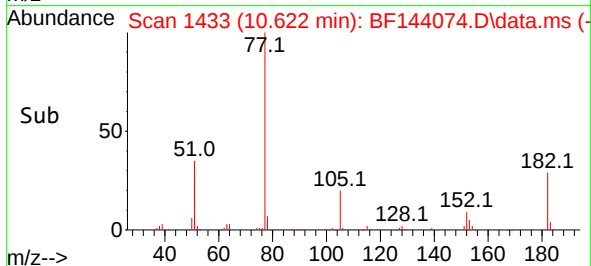
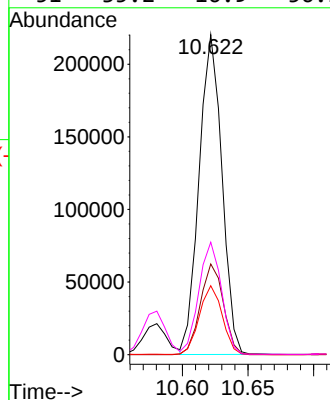
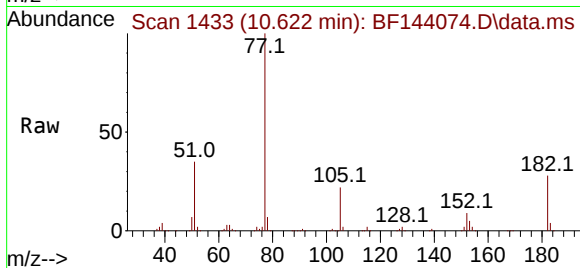
Ion Ratio Lower Upper

77 100

182 28.3 9.0 49.0

105 21.5 1.4 41.4

51 35.2 16.9 56.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

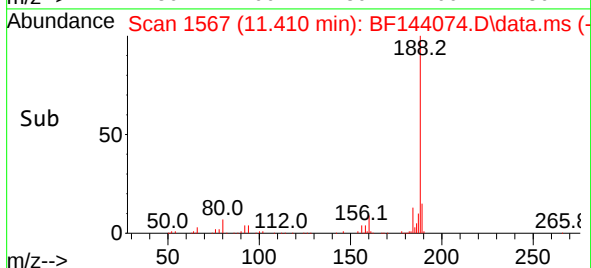
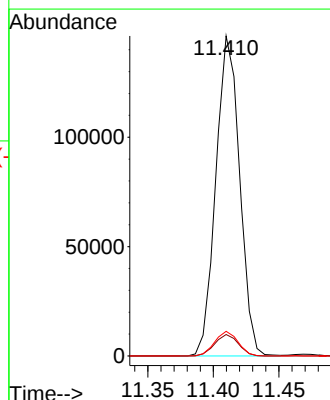
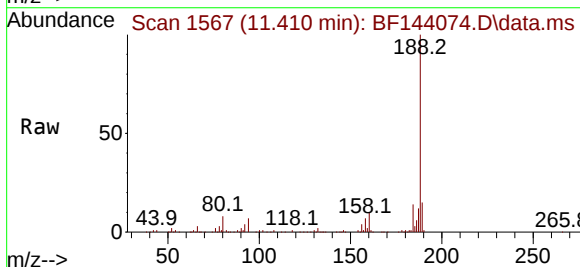
Tgt Ion:188 Resp: 184414

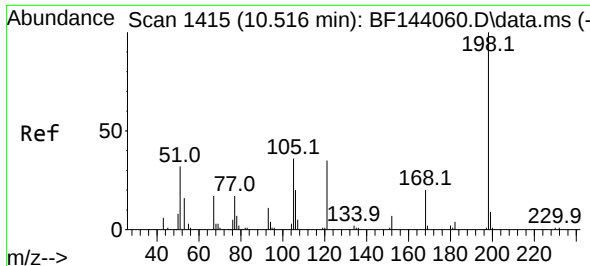
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 7.7 6.0 9.0

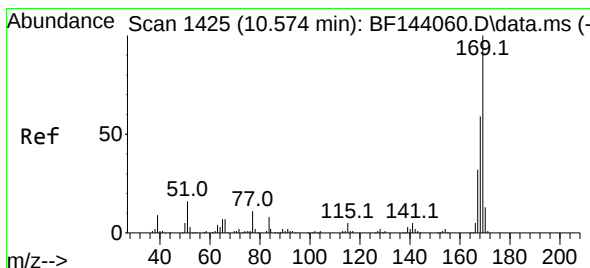
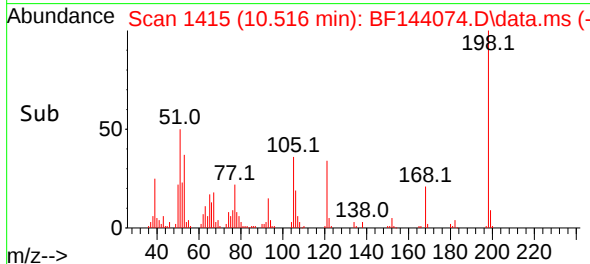
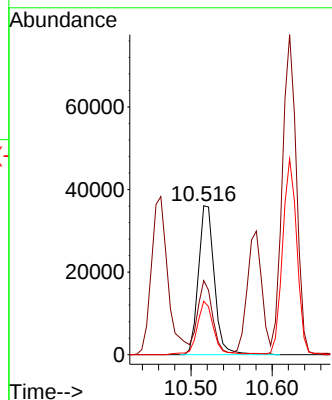
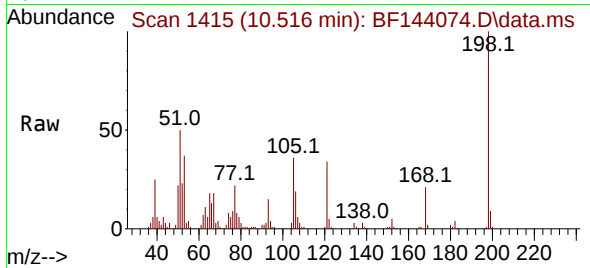




#65
4,6-Dinitro-2-methylphenol
Concen: 41.715 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

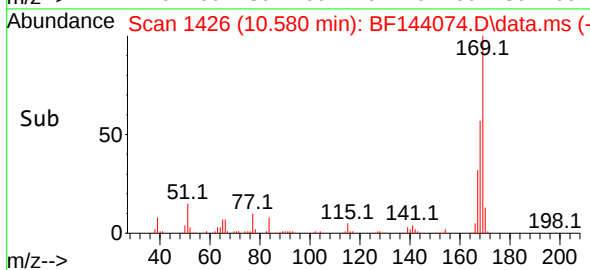
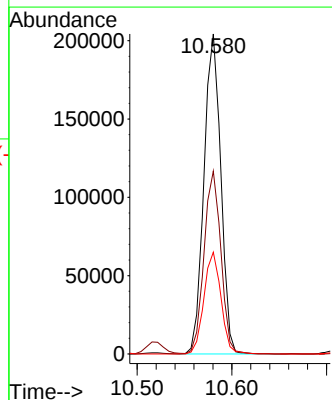
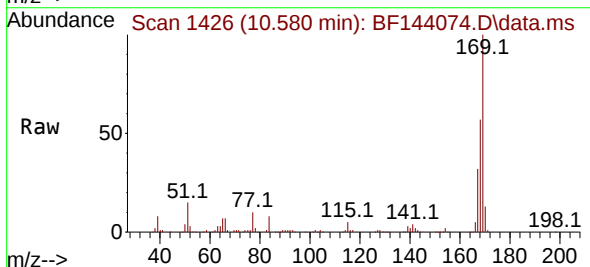
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

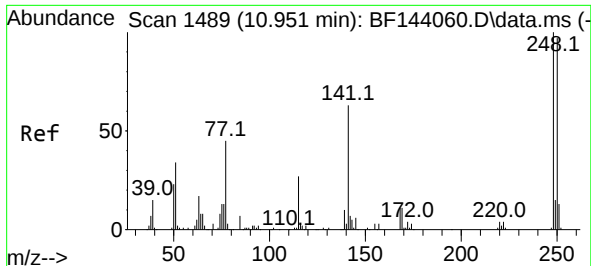
Tgt Ion:198 Resp: 49356
Ion Ratio Lower Upper
198 100
51 49.8 25.8 65.8
105 35.9 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 42.907 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:169 Resp: 252814
Ion Ratio Lower Upper
169 100
168 57.2 47.4 71.2
167 31.8 25.5 38.3

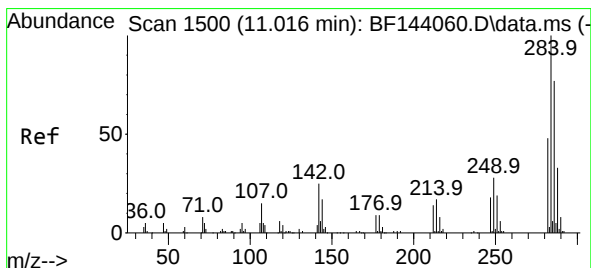
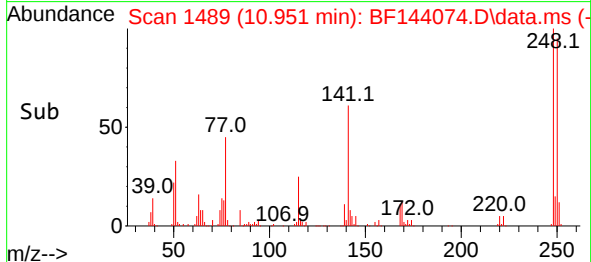
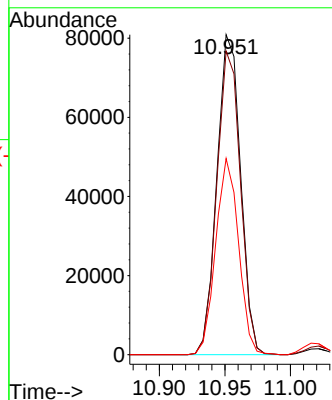
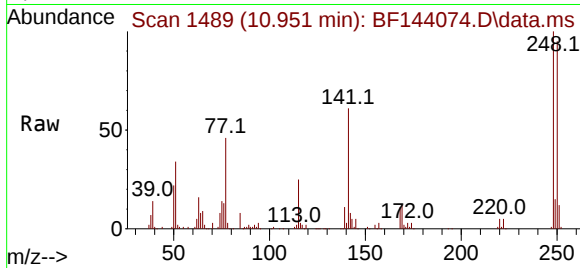




#67
4-Bromophenyl-phenylether
Concen: 43.947 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

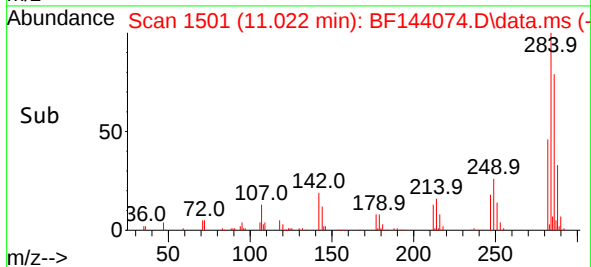
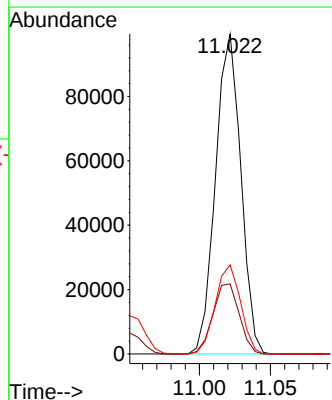
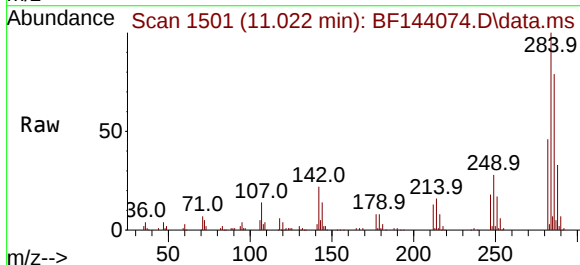
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

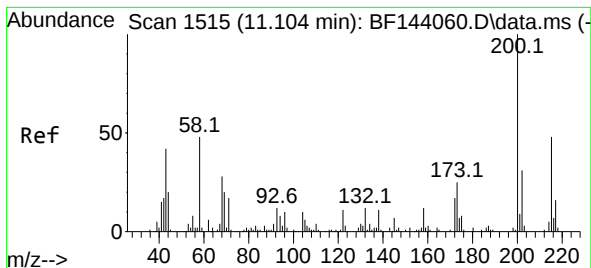
Tgt Ion:248 Resp: 101473
Ion Ratio Lower Upper
248 100
250 94.9 77.8 116.6
141 61.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 43.436 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:284 Resp: 123002
Ion Ratio Lower Upper
284 100
142 21.9 20.0 30.0
249 27.8 22.2 33.2





#69

Atrazine

Concen: 38.475 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

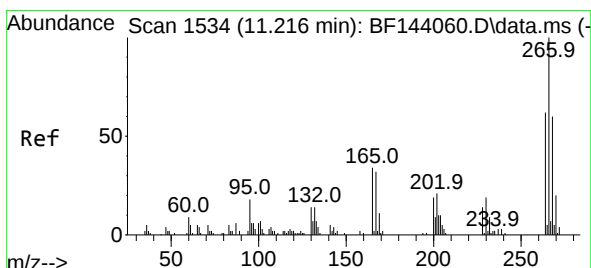
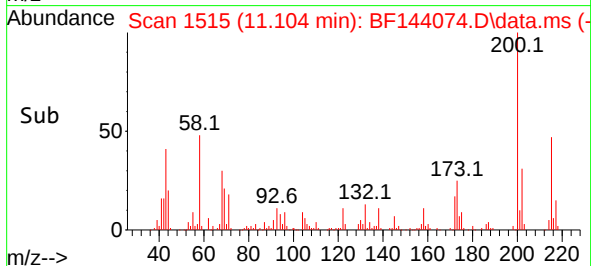
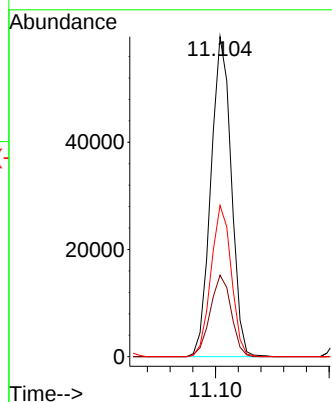
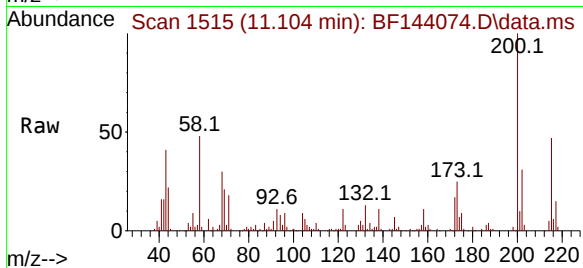
Tgt Ion:200 Resp: 74391

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 43.784 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

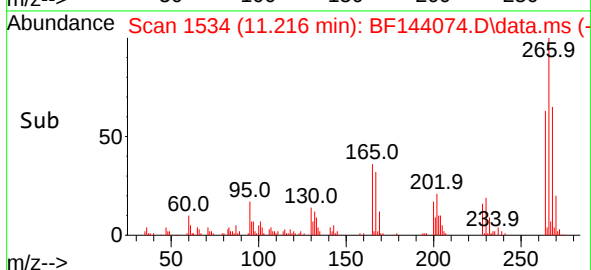
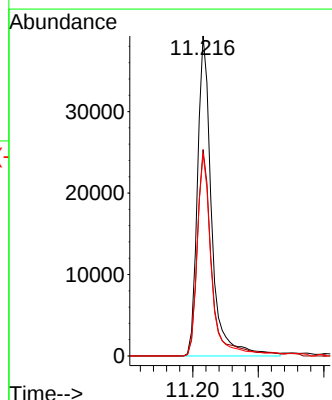
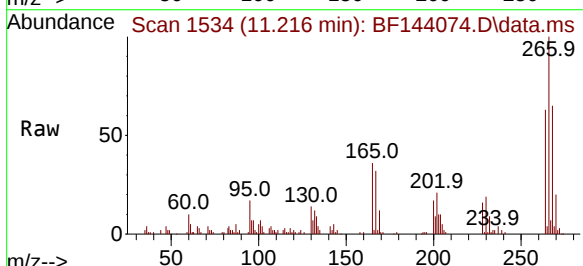
Tgt Ion:266 Resp: 59017

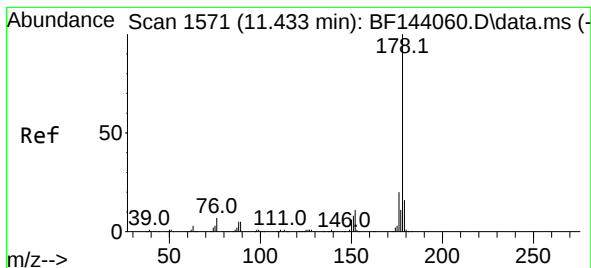
Ion Ratio Lower Upper

266 100

268 64.5 48.2 72.4

264 63.2 49.4 74.0





#71

Phenanthrene

Concen: 41.610 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

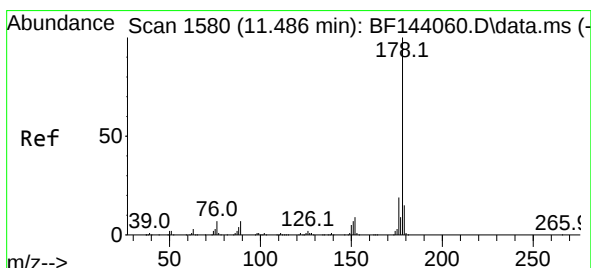
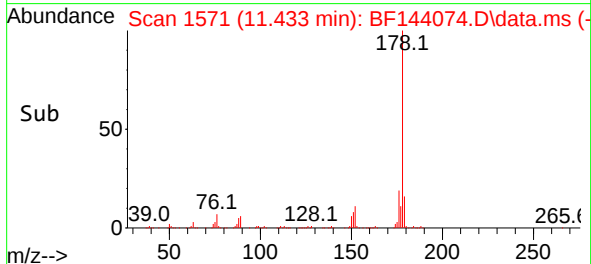
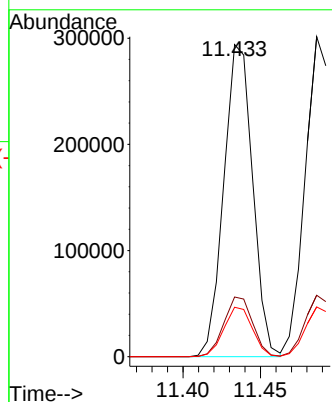
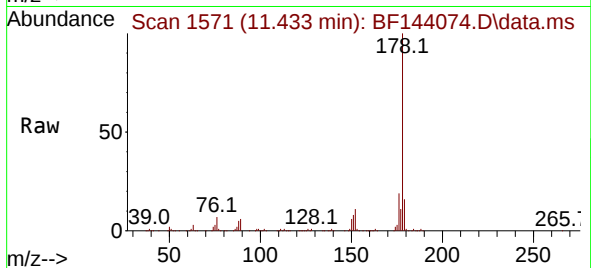
Tgt Ion:178 Resp: 381184

Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

179 15.8 12.6 18.8



#72

Anthracene

Concen: 40.239 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

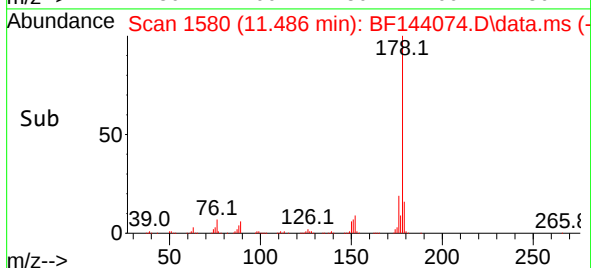
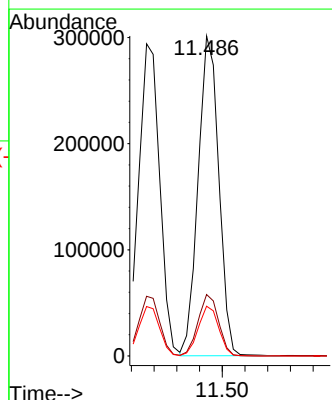
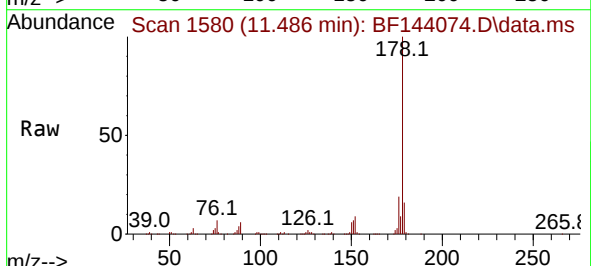
Tgt Ion:178 Resp: 380792

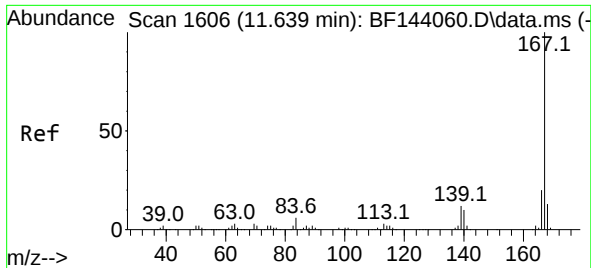
Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

179 15.6 11.8 17.6

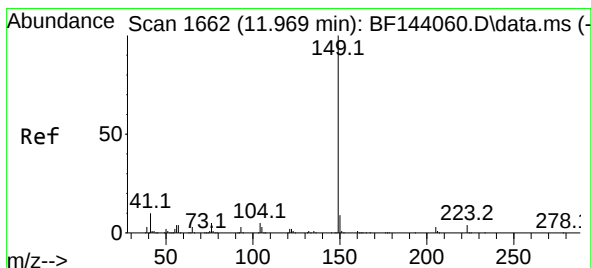
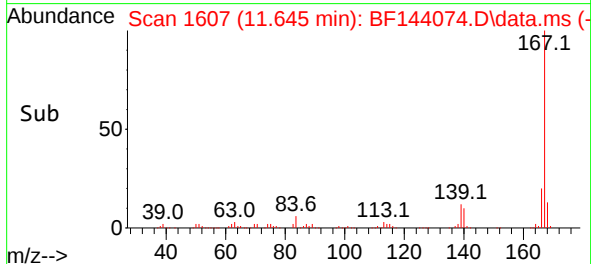
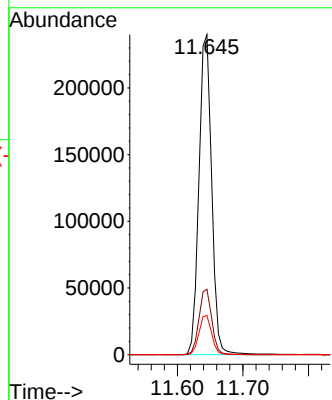
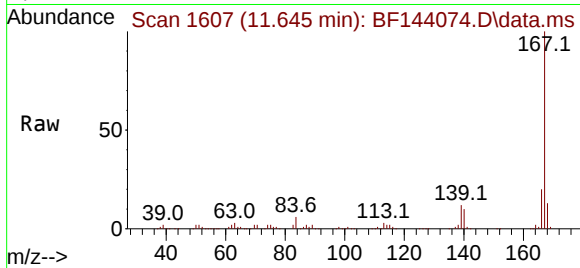




#73
Carbazole
Concen: 40.288 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

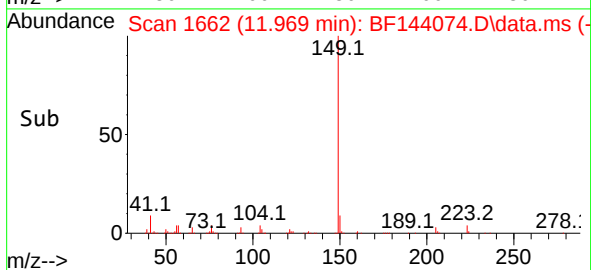
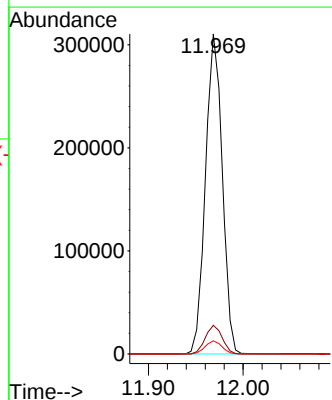
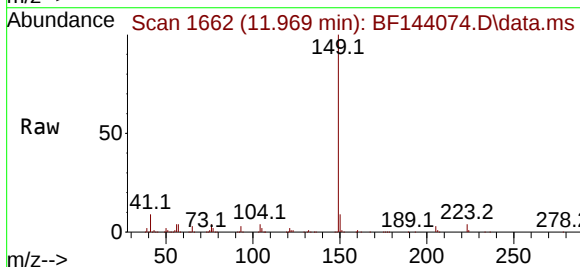
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

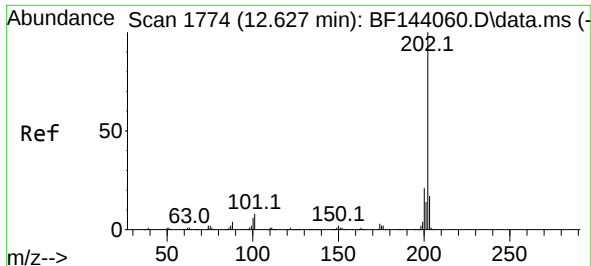
Tgt Ion:167 Resp: 324513
Ion Ratio Lower Upper
167 100
166 20.5 16.1 24.1
139 12.2 9.8 14.6



#74
Di-n-butylphthalate
Concen: 38.793 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 383099
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.1 3.6 5.4

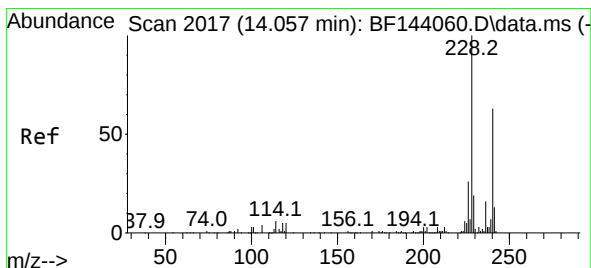
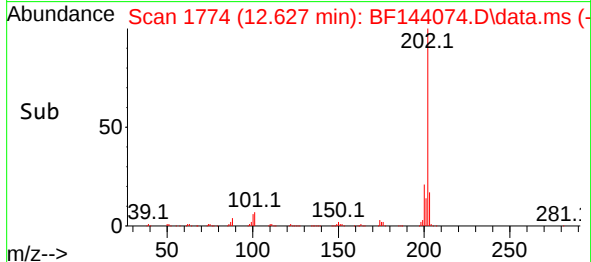
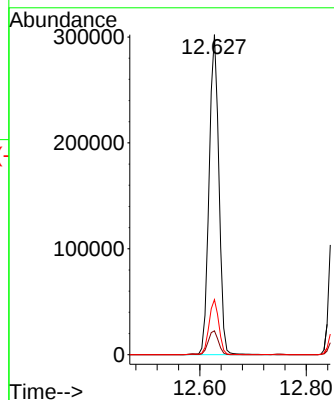
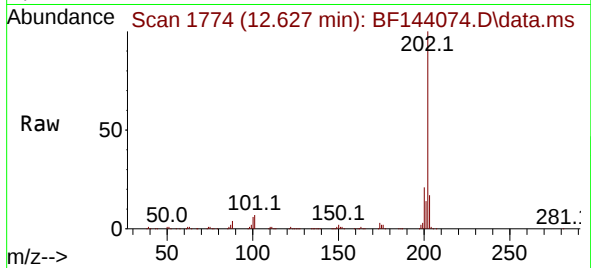




#75
Fluoranthene
Concen: 37.938 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

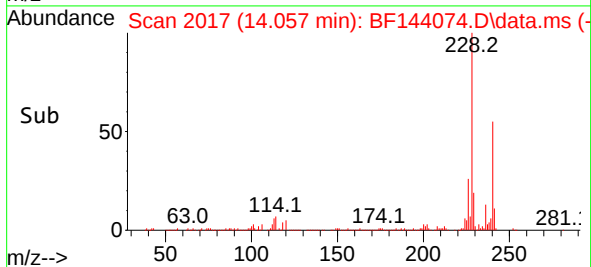
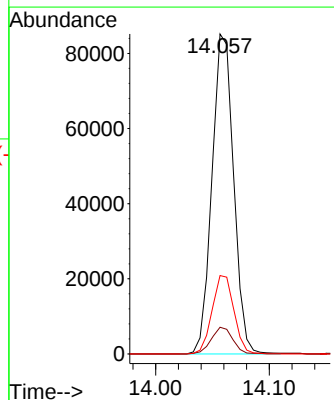
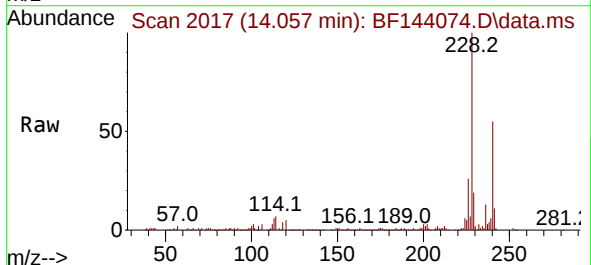
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

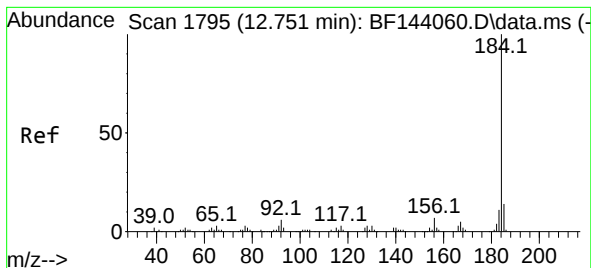
Tgt Ion:202 Resp: 383968
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:240 Resp: 112717
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.5 20.1 30.1





#77

Benzidine

Concen: 41.457 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

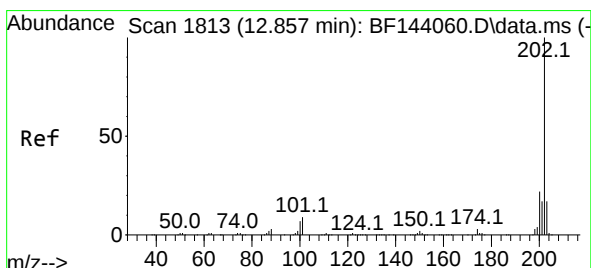
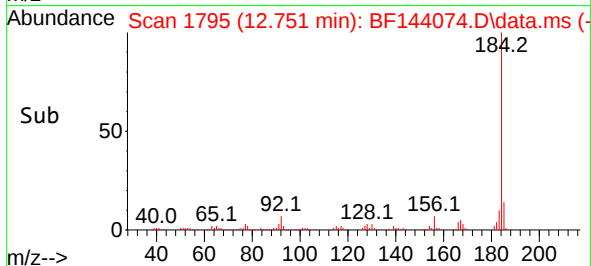
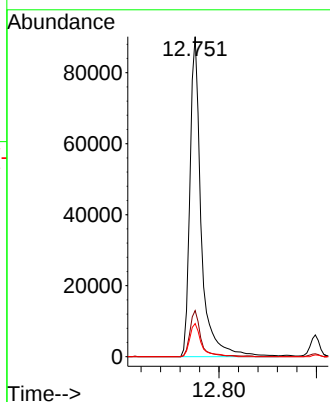
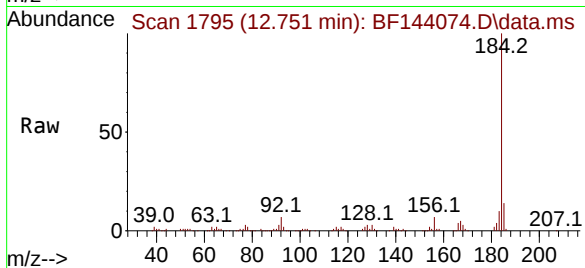
Tgt Ion:184 Resp: 145430

Ion Ratio Lower Upper

184 100

185 14.4 11.6 17.4

183 10.3 8.5 12.7



#78

Pyrene

Concen: 46.872 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

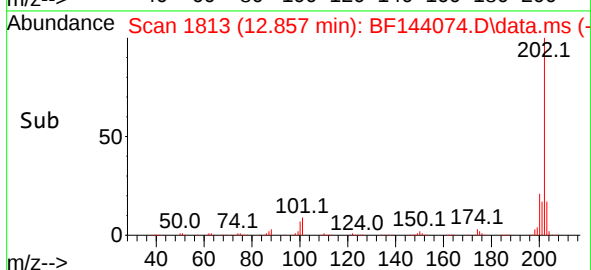
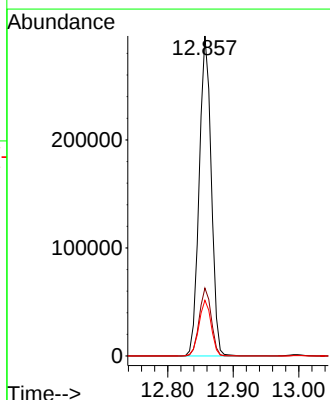
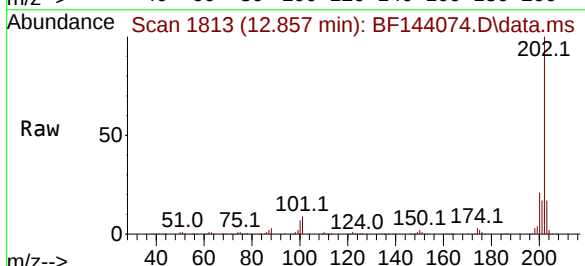
Tgt Ion:202 Resp: 379834

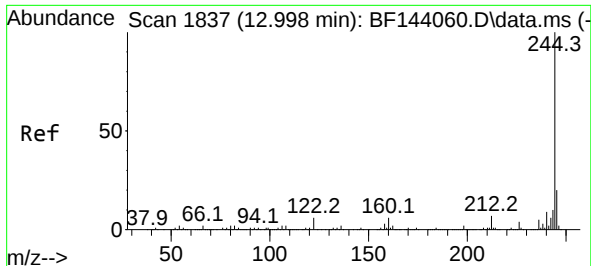
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.4 13.5 20.3

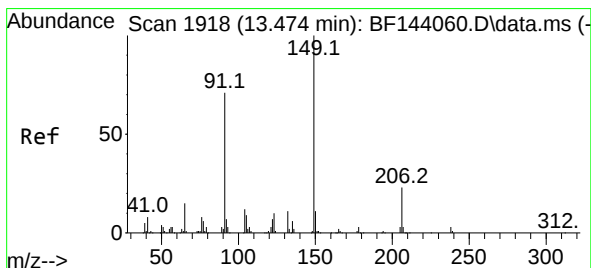
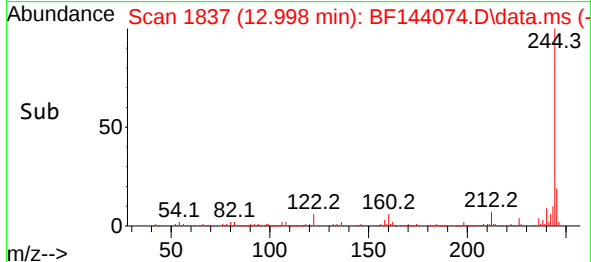
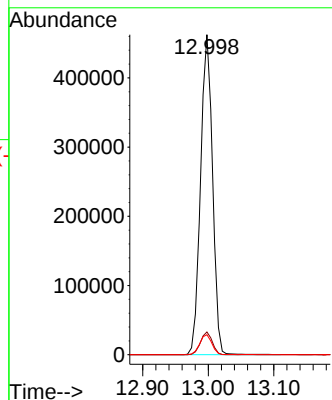
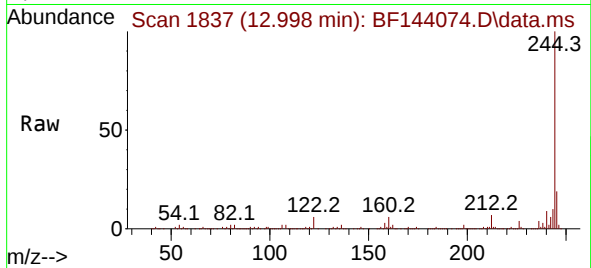




#79
 Terphenyl-d14
 Concen: 91.306 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144074.D
 Acq: 27 Oct 2025 10:27

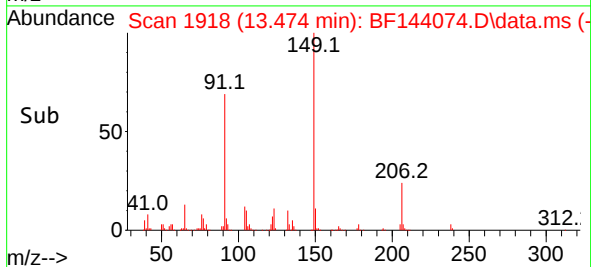
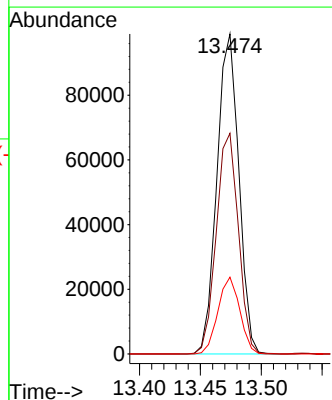
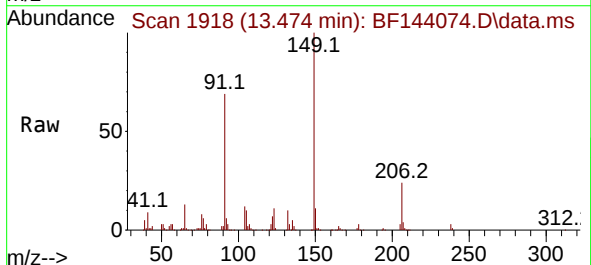
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

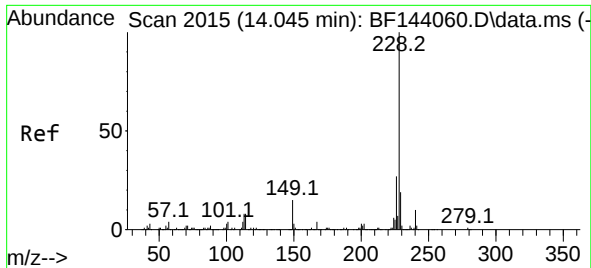
Tgt Ion:244 Resp: 588700
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 6.2 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 40.484 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF144074.D
 Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 124111
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.6 84.8
 206 24.0 18.3 27.5

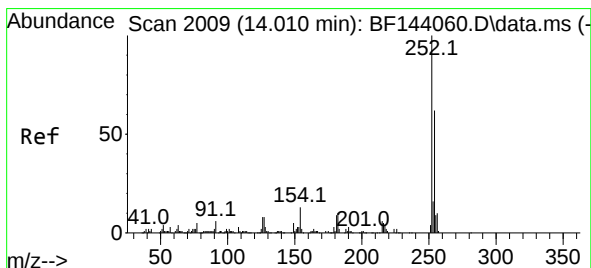
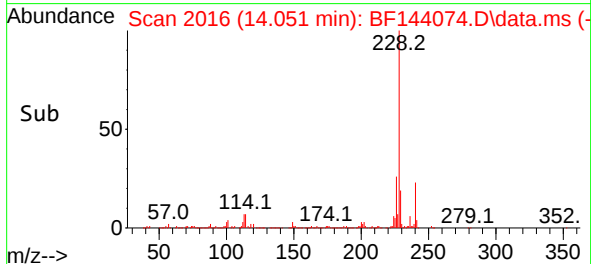
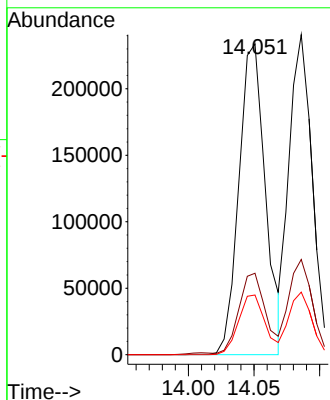
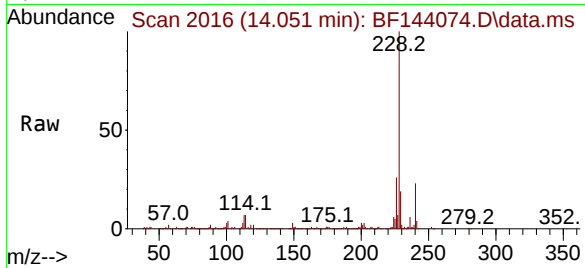




#81
Benzo(a)anthracene
Concen: 43.272 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

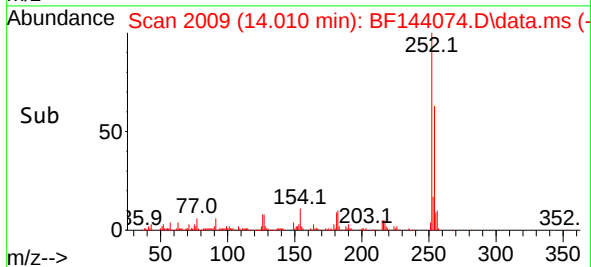
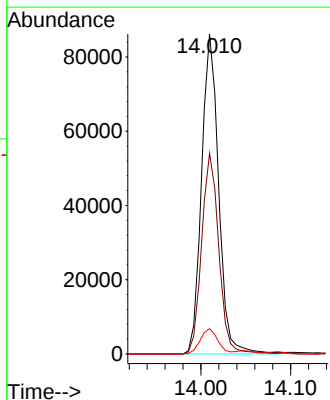
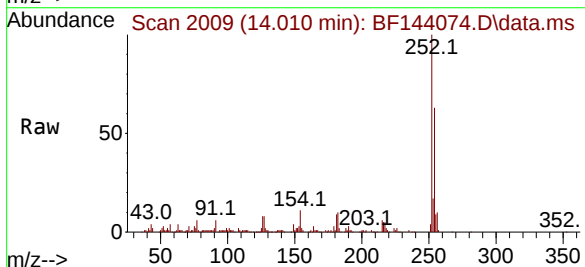
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

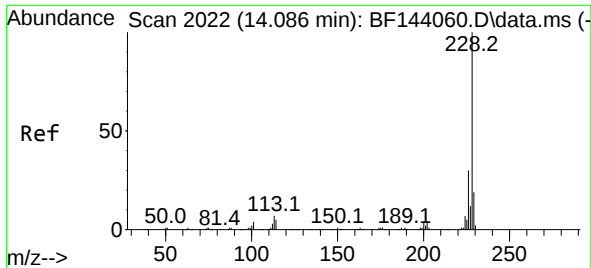
Tgt Ion:228 Resp: 329626
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.2
229 19.2 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 42.969 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 113938
Ion Ratio Lower Upper
252 100
254 62.7 49.9 74.9
126 7.9 6.5 9.7

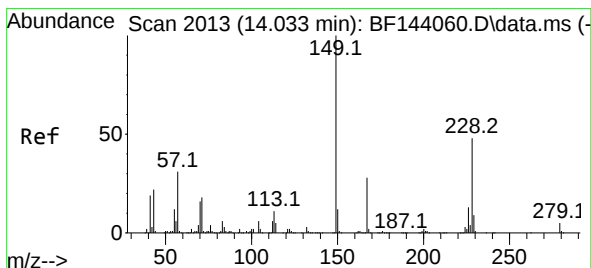
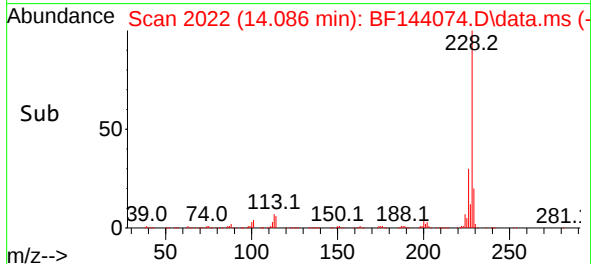
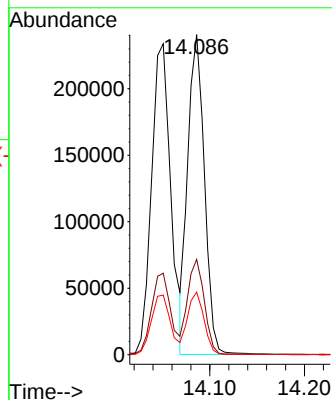
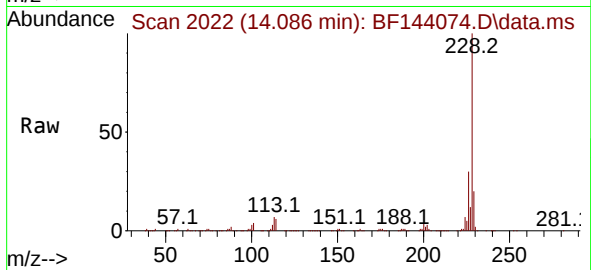




#83
Chrysene
Concen: 41.319 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

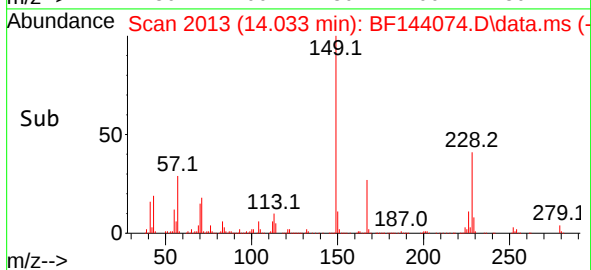
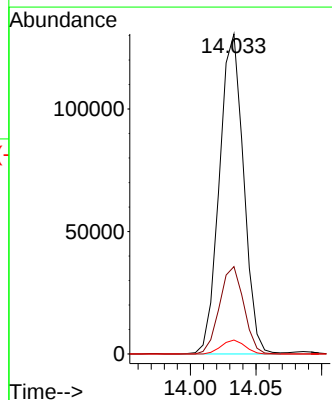
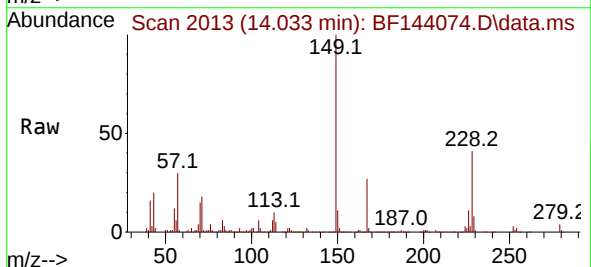
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

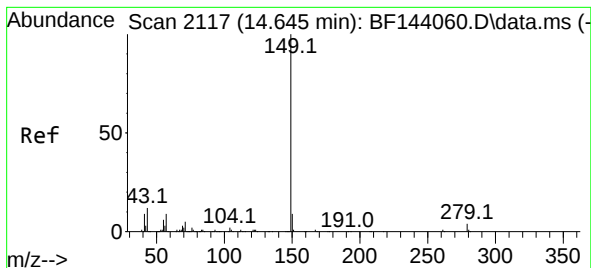
Tgt Ion:228 Resp: 295359
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.991 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 167373
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.585 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

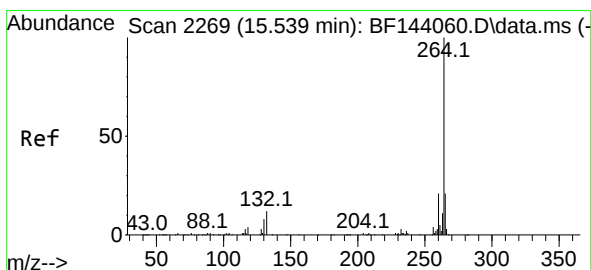
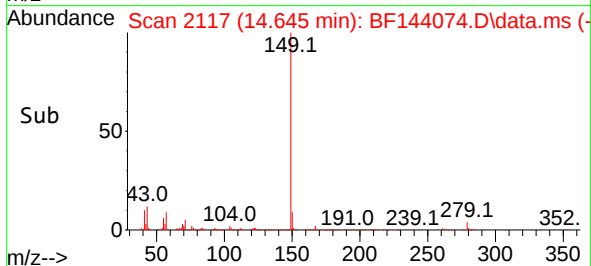
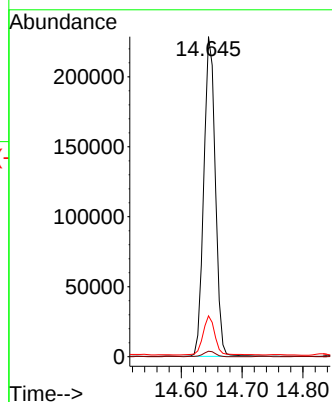
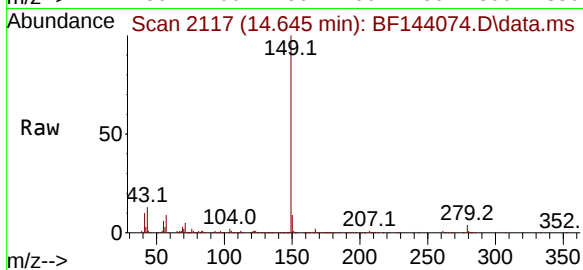
Tgt Ion:149 Resp: 299304

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8#

43 12.7 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

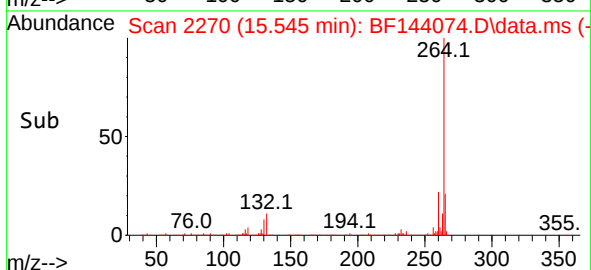
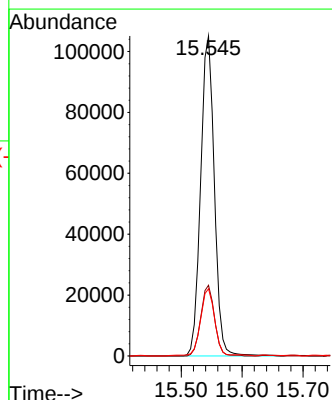
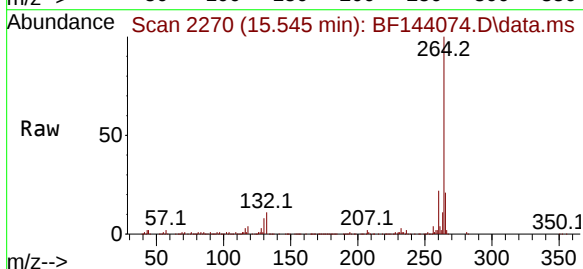
Tgt Ion:264 Resp: 164562

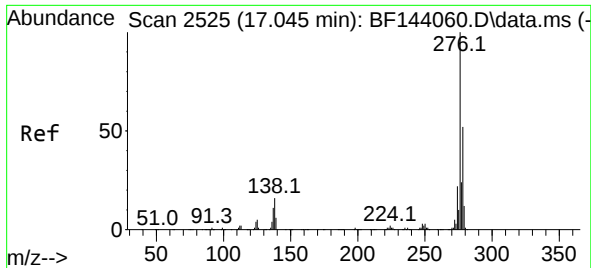
Ion Ratio Lower Upper

264 100

260 22.1 17.0 25.4

265 21.0 16.6 24.8

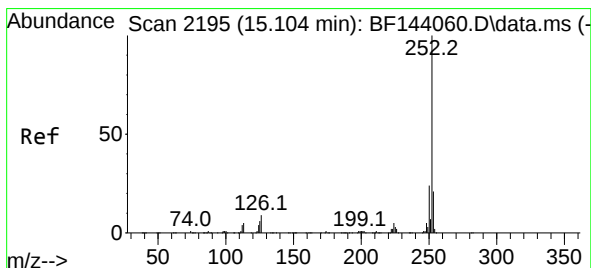
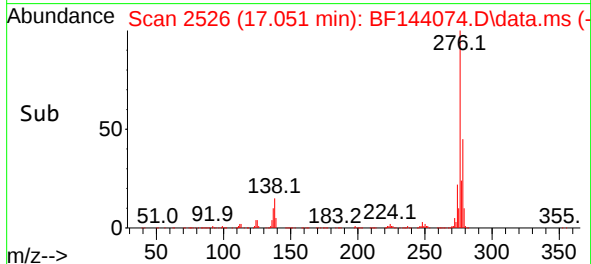
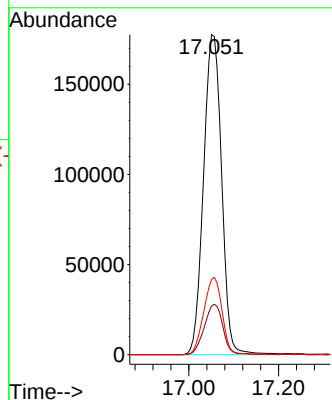
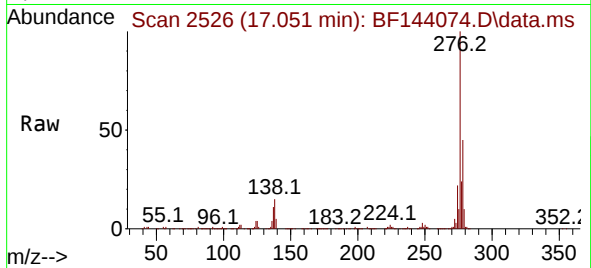




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.981 ng
RT: 17.051 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

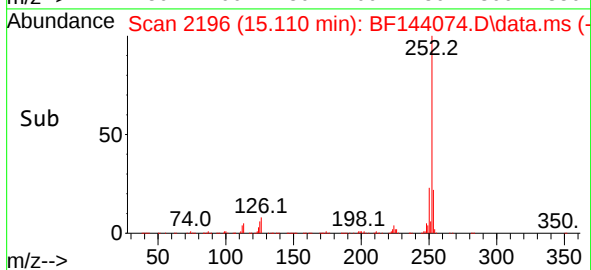
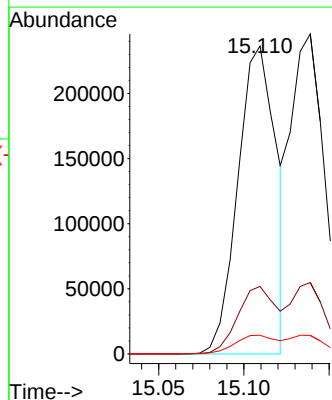
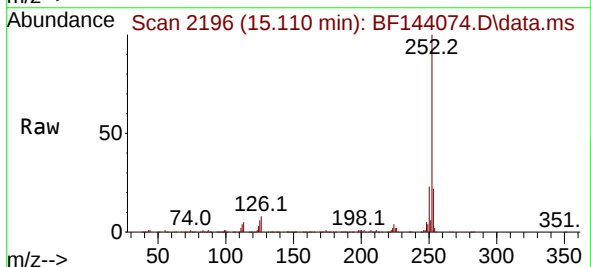
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

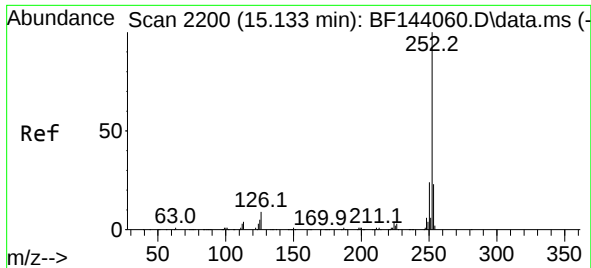
Tgt Ion:276 Resp: 496906
Ion Ratio Lower Upper
276 100
138 16.3 13.0 19.6
277 24.4 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 39.622 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 368610
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 6.1 5.0 7.6

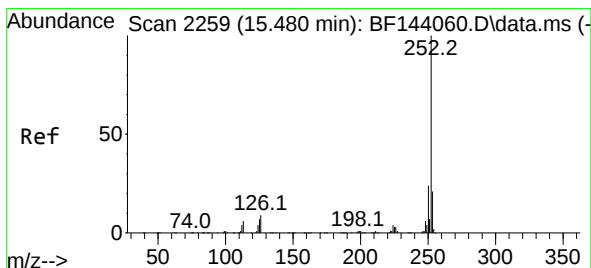
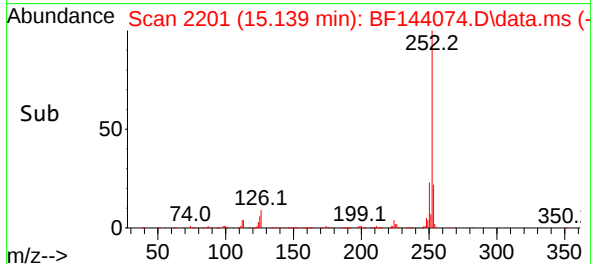
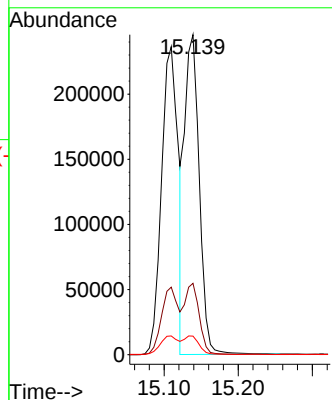
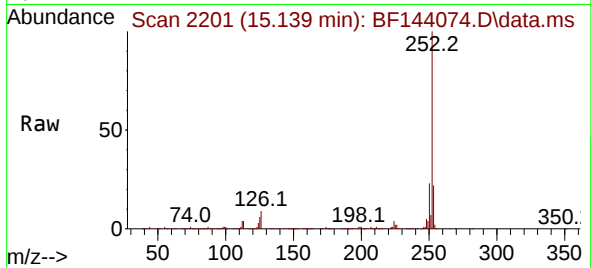




#89
Benzo(k)fluoranthene
Concen: 39.586 ng
RT: 15.139 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

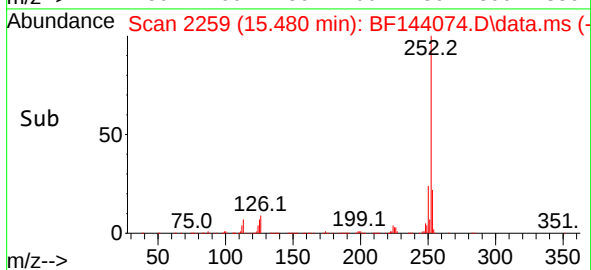
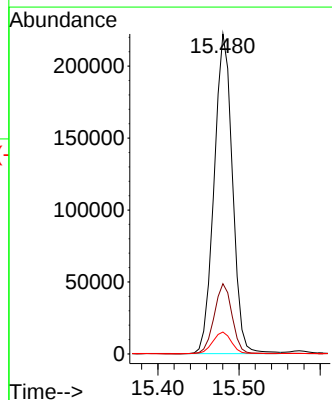
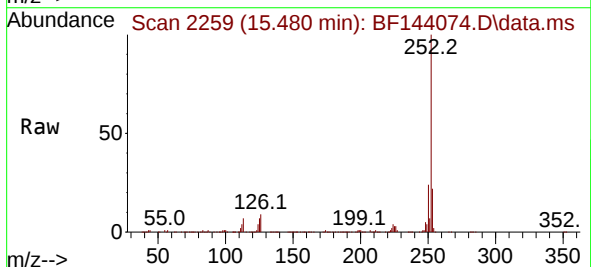
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

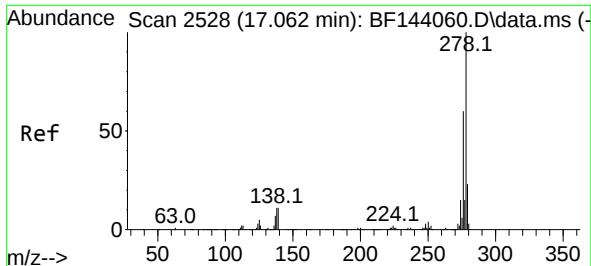
Tgt Ion:252 Resp: 339785
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.8 4.9 7.3



#90
Benzo(a)pyrene
Concen: 41.791 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:252 Resp: 348799
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 6.8 5.4 8.2

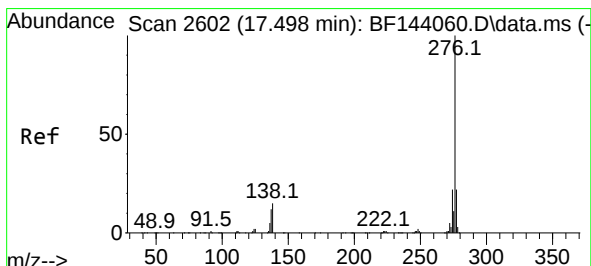
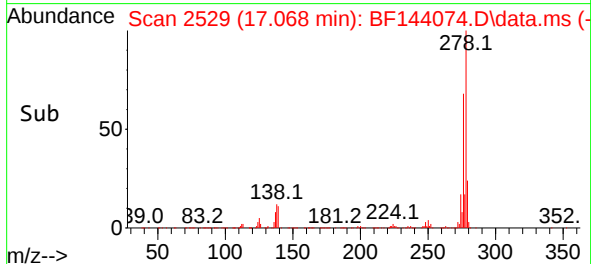
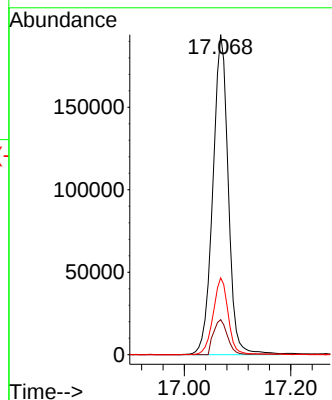
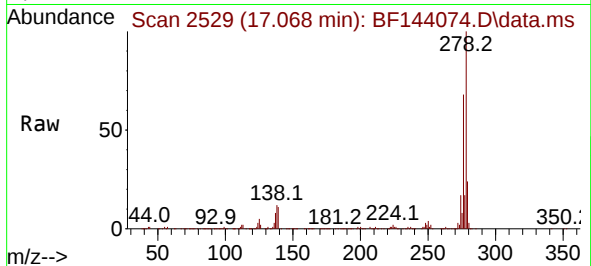




#91
Dibenzo(a,h)anthracene
Concen: 43.695 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 390777
Ion Ratio Lower Upper
278 100
139 10.9 8.5 12.7
279 24.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.914 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:276 Resp: 394850
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 14.3 12.0 18.0

