

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144062.D
 Acq On : 24 Oct 2025 14:03
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:05:07 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 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49679	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	183444	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	96791	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	161418	20.000	ng	0.00
76) Chrysene-d12	14.057	240	123921	20.000	ng	0.00
86) Perylene-d12	15.539	264	163627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	375381	119.546	ng	0.00
7) Phenol-d6	6.510	99	411719	118.724	ng	0.00
23) Nitrobenzene-d5	7.445	82	394547	117.835	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	144489	117.192	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	768824	111.777	ng	0.00
79) Terphenyl-d14	12.998	244	852221	120.227	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	84559	62.318	ng	97
3) Pyridine	3.399	79	231225	63.652	ng	99
4) n-Nitrosodimethylamine	3.357	42	142698	63.929	ng	94
6) Aniline	6.545	93	297207	59.906	ng	98
8) 2-Chlorophenol	6.663	128	186876	60.432	ng	98
9) Benzaldehyde	6.434	77	238351	88.524	ng	96
10) Phenol	6.522	94	252508	59.020	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	186891	60.453	ng	99
12) 1,3-Dichlorobenzene	6.822	146	226259	59.315	ng	98
13) 1,4-Dichlorobenzene	6.898	146	227179	60.431	ng	99
14) 1,2-Dichlorobenzene	7.051	146	214070	58.852	ng	99
15) Benzyl Alcohol	7.022	79	174301	61.814	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	352170	60.612	ng	98
17) 2-Methylphenol	7.128	107	143469	60.323	ng	96
18) Hexachloroethane	7.392	117	81925	60.955	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	134329	59.901	ng	98
20) 3+4-Methylphenols	7.287	107	167545	59.591	ng	91
22) Acetophenone	7.292	105	230329	58.099	ng	98
24) Nitrobenzene	7.463	77	211531	59.721	ng	97
25) Isophorone	7.704	82	345018	58.938	ng	99
26) 2-Nitrophenol	7.781	139	102611	60.897	ng	98
27) 2,4-Dimethylphenol	7.810	122	154886	61.855	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	213676	58.531	ng	99
29) 2,4-Dichlorophenol	8.022	162	167199	57.418	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	172853	57.700	ng	99
31) Naphthalene	8.187	128	491374	56.753	ng	98
32) Benzoic acid	7.928	122	94440	59.459	ng	88
33) 4-Chloroaniline	8.234	127	178614	59.260	ng	99
34) Hexachlorobutadiene	8.298	225	144876	59.143	ng	99
35) Caprolactam	8.604	113	43478	59.540	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	151183	58.832	ng	95
37) 2-Methylnaphthalene	8.875	142	322390	56.477	ng	95
38) 1-Methylnaphthalene	8.975	142	305454	56.480	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	190043	57.130	ng	99
41) Hexachlorocyclopentadiene	9.028	237	69021	67.178	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	124130	57.409	ng	98

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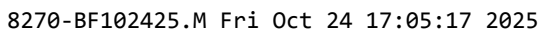
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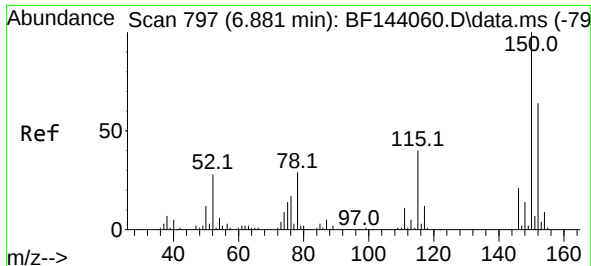
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	128110	56.455	ng	99
46) 1,1'-Biphenyl	9.339	154	391493	56.503	ng	99
47) 2-Chloronaphthalene	9.369	162	328316	56.560	ng	98
48) 2-Nitroaniline	9.463	65	107641	62.447	ng	97
49) Acenaphthylene	9.781	152	443450	56.657	ng	100
50) Dimethylphthalate	9.633	163	362792	57.182	ng	99
51) 2,6-Dinitrotoluene	9.704	165	76862	61.282	ng	97
52) Acenaphthene	9.951	154	300287	57.448	ng	99
53) 3-Nitroaniline	9.875	138	81163	58.203	ng	94
54) 2,4-Dinitrophenol	9.980	184	39836	58.723	ng	97
55) Dibenzofuran	10.128	168	413469	56.978	ng	99
56) 4-Nitrophenol	10.033	139	56689	60.033	ng	89
57) 2,4-Dinitrotoluene	10.104	165	104669	61.833	ng	96
58) Fluorene	10.469	166	309782	56.026	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	96120	60.109	ng	# 98
60) Diethylphthalate	10.339	149	340933	57.141	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	178448	57.389	ng	99
62) 4-Nitroaniline	10.486	138	76039	57.549	ng	93
63) Azobenzene	10.622	77	326368	57.793	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	61801	59.675	ng	93
66) n-Nitrosodiphenylamine	10.580	169	296038	57.401	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	122445	60.585	ng	96
68) Hexachlorobenzene	11.022	284	147271	59.416	ng	96
69) Atrazine	11.104	200	98426	58.159	ng	98
70) Pentachlorophenol	11.216	266	73420	62.229	ng	97
71) Phenanthrene	11.433	178	466009	58.117	ng	99
72) Anthracene	11.486	178	470111	56.754	ng	98
73) Carbazole	11.639	167	406897	57.712	ng	98
74) Di-n-butylphthalate	11.969	149	516487	59.750	ng	99
75) Fluoranthene	12.627	202	513907	58.010	ng	99
77) Benzidine	12.751	184	290609	75.353	ng	99
78) Pyrene	12.857	202	535252	60.080	ng	99
80) Butylbenzylphthalate	13.474	149	201374	59.747	ng	98
81) Benzo(a)anthracene	14.051	228	525400	62.737	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	182388	62.564	ng	98
83) Chrysene	14.086	228	469140	59.697	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	278705	60.572	ng	100
85) Di-n-octyl phthalate	14.645	149	492821	62.281	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	703773	62.647	ng	99
88) Benzo(b)fluoranthene	15.110	252	544477	58.860	ng	99
89) Benzo(k)fluoranthene	15.139	252	508889	59.626	ng	99
90) Benzo(a)pyrene	15.480	252	505624	60.927	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	552508	62.132	ng	99
92) Benzo(g,h,i)perylene	17.509	276	572243	64.006	ng	99

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

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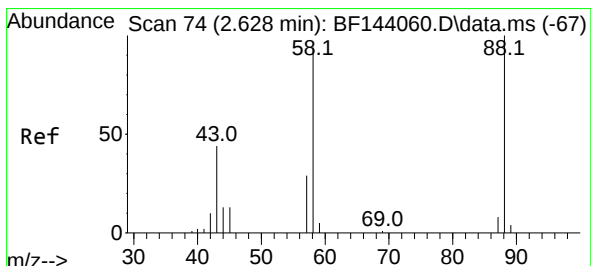
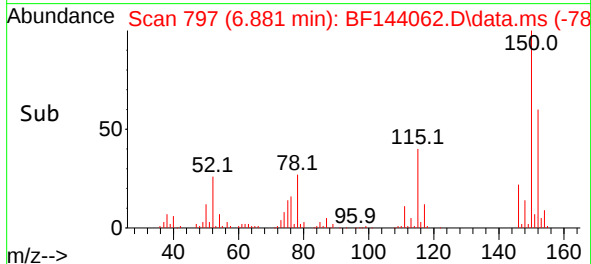
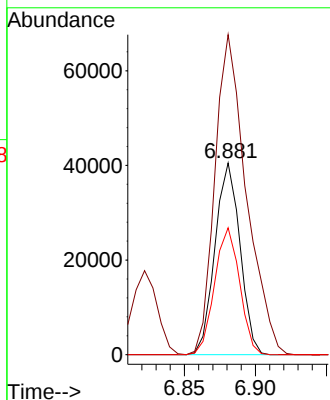
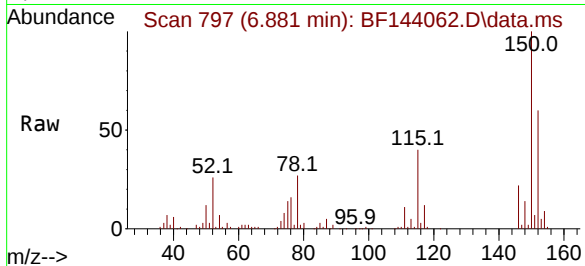




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

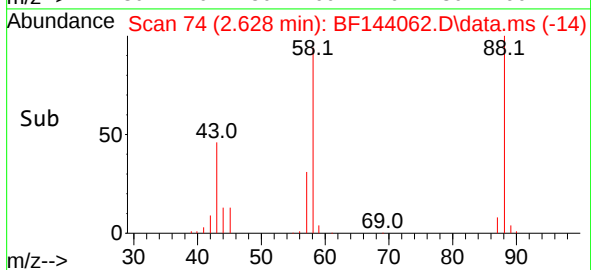
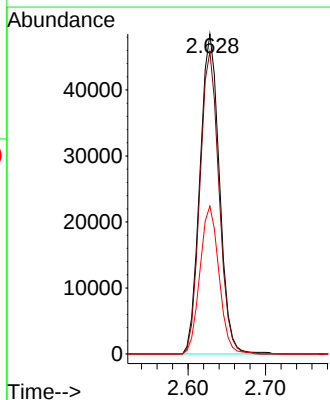
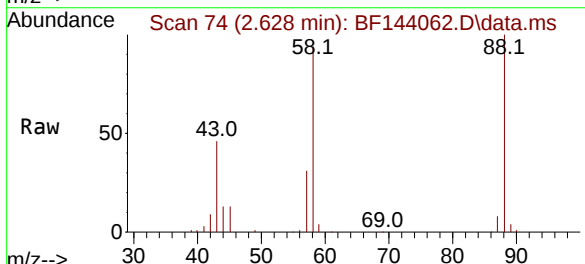
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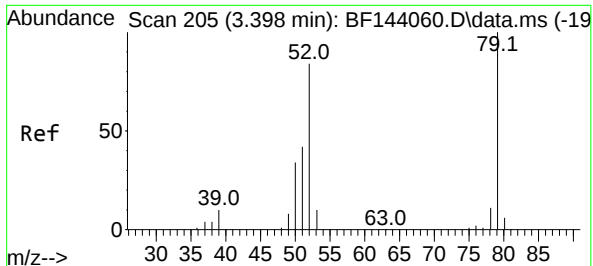
Tgt Ion:152 Resp: 49679
 Ion Ratio Lower Upper
 152 100
 150 166.9 124.4 186.6
 115 66.2 49.4 74.0



#2
 1,4-Dioxane
 Concen: 62.318 ng
 RT: 2.628 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

Tgt Ion: 88 Resp: 84559
 Ion Ratio Lower Upper
 88 100
 58 92.2 76.5 114.7
 43 45.1 35.3 52.9

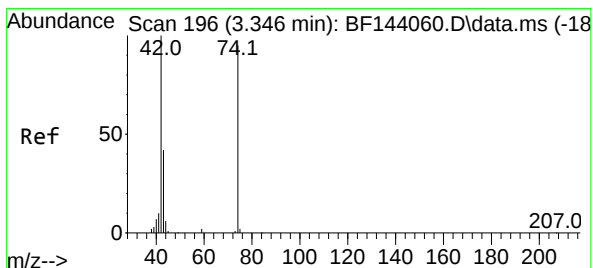
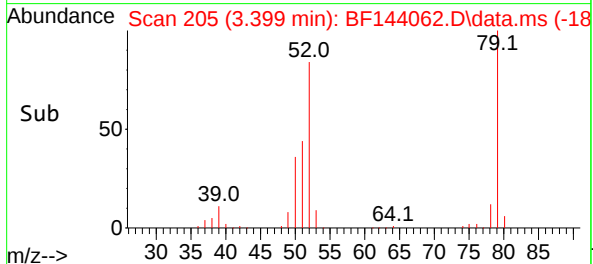
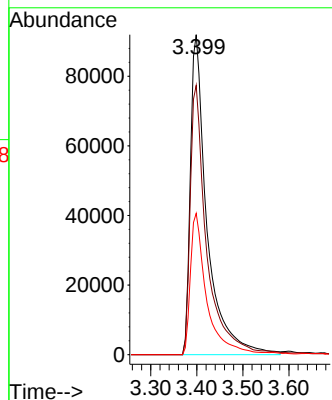
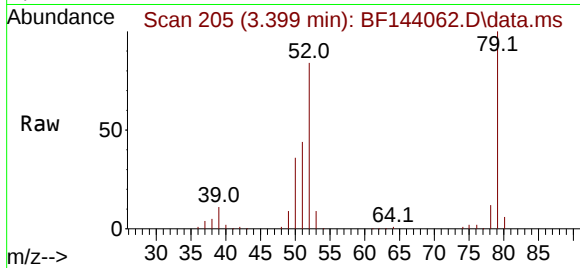




#3
Pyridine
Concen: 63.652 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

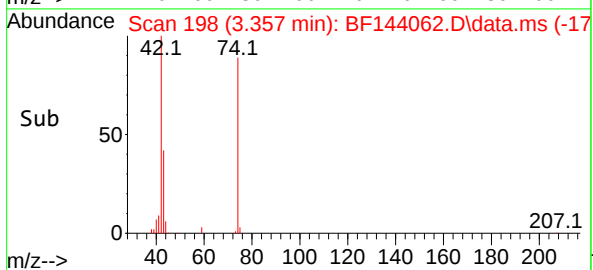
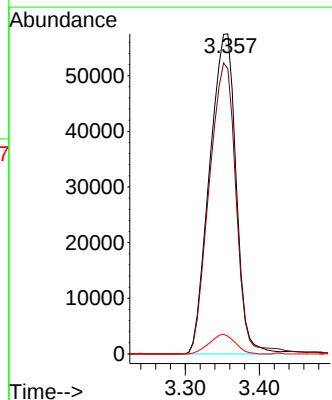
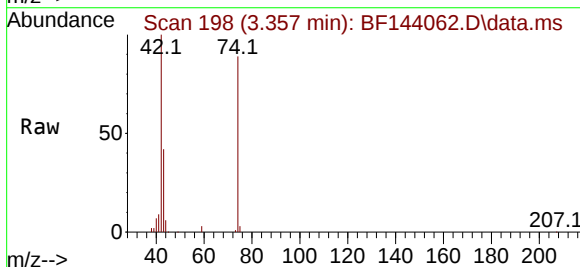
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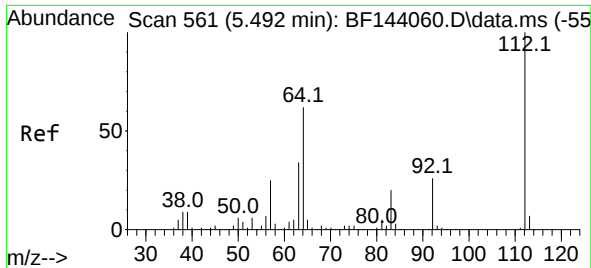
Tgt Ion: 79 Resp: 231225
Ion Ratio Lower Upper
79 100
52 84.2 67.5 101.3
51 44.1 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 63.929 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.012 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion: 42 Resp: 142698
Ion Ratio Lower Upper
42 100
74 89.1 76.4 114.6
44 5.5 5.2 7.8

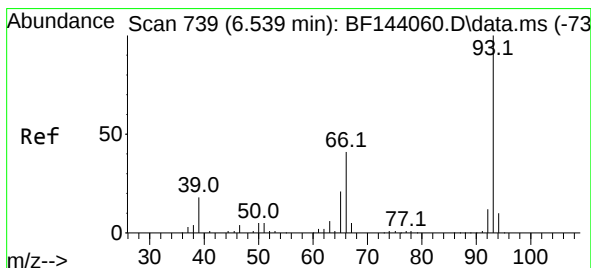
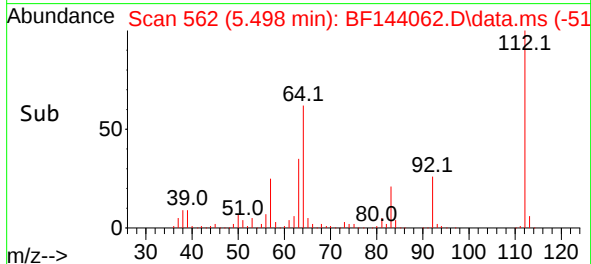
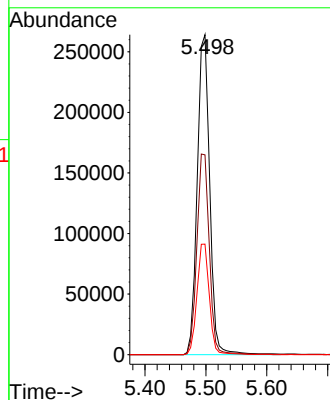
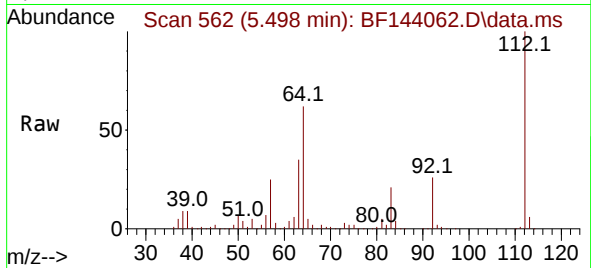




#5
2-Fluorophenol
Concen: 119.546 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

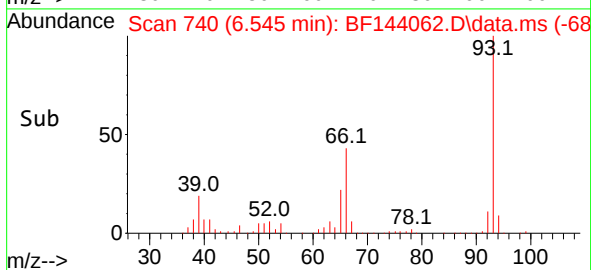
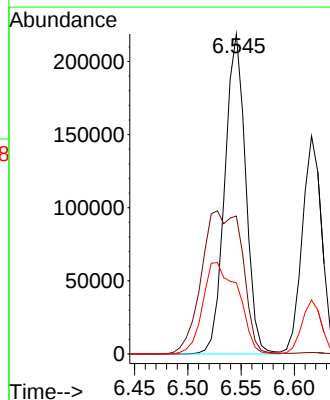
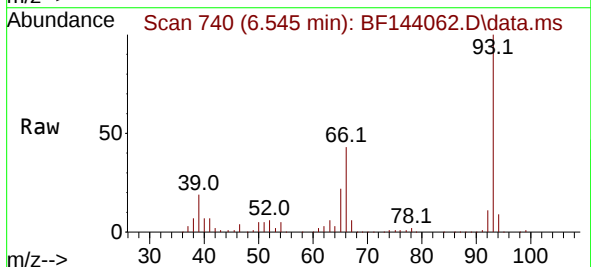
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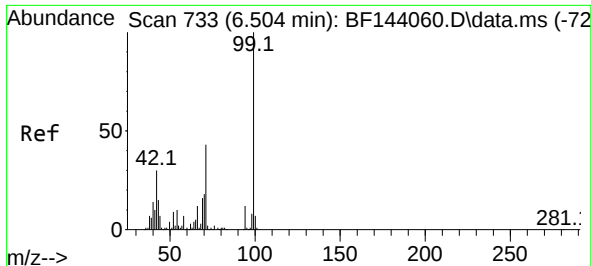
Tgt Ion:112 Resp: 375381
Ion Ratio Lower Upper
112 100
64 62.4 49.8 74.8
63 34.5 27.4 41.2



#6
Aniline
Concen: 59.906 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion: 93 Resp: 297207
Ion Ratio Lower Upper
93 100
66 43.1 35.7 53.5
65 22.2 17.0 25.6

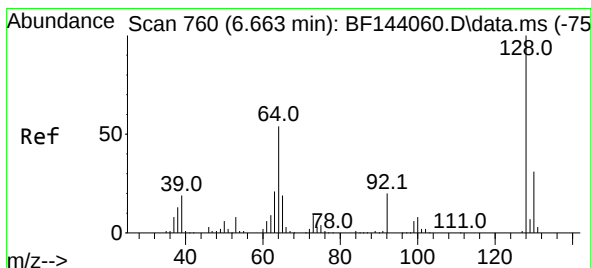
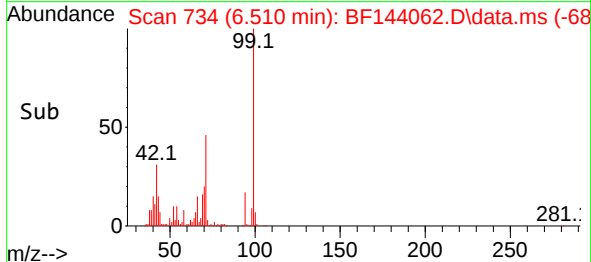
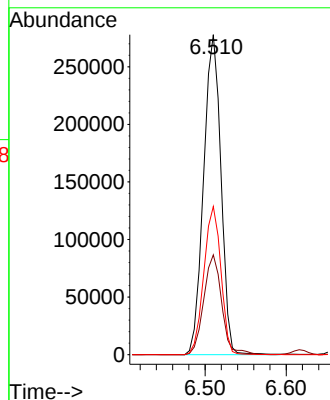
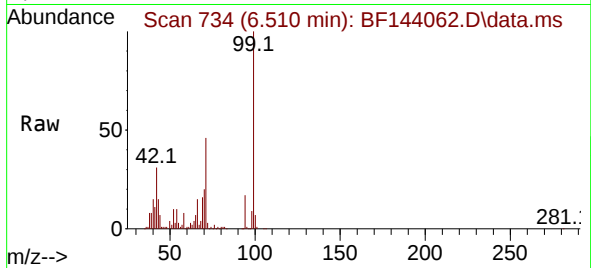




#7
Phenol-d6
Concen: 118.724 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

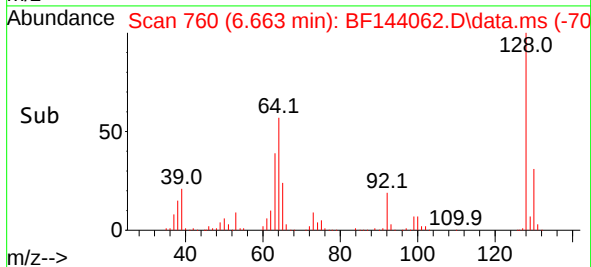
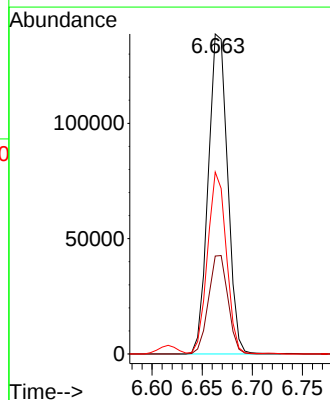
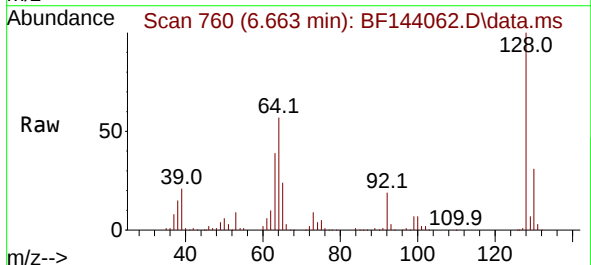
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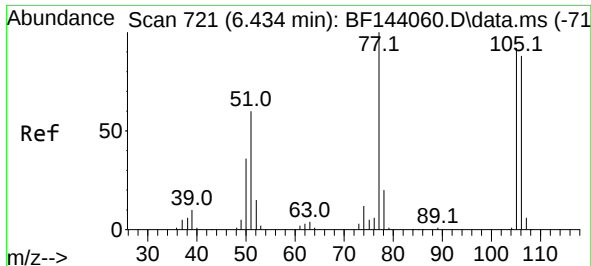
Tgt Ion: 99 Resp: 411719
Ion Ratio Lower Upper
99 100
42 31.2 23.9 35.9
71 46.3 34.4 51.6



#8
2-Chlorophenol
Concen: 60.432 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion: 128 Resp: 186876
Ion Ratio Lower Upper
128 100
130 30.6 10.7 50.7
64 56.8 34.7 74.7





#9

Benzaldehyde

Concen: 88.524 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

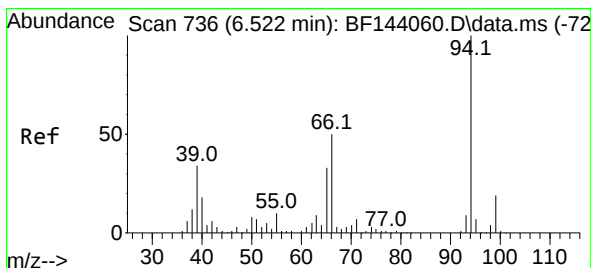
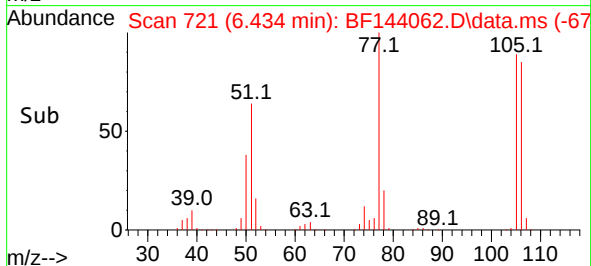
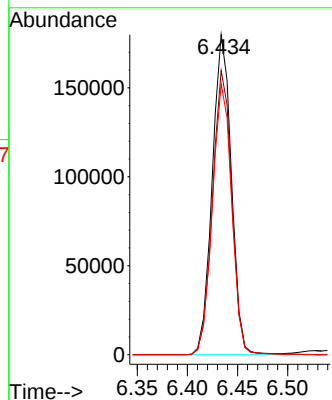
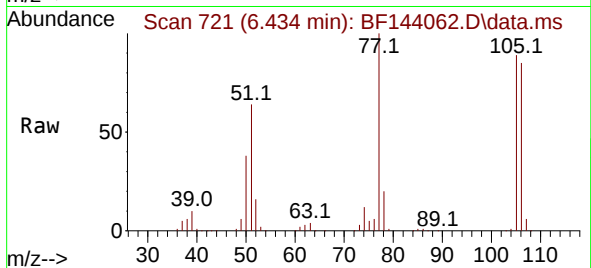
Tgt Ion: 77 Resp: 238351

Ion Ratio Lower Upper

77 100

105 88.8 72.2 112.2

106 84.7 67.9 107.9



#10

Phenol

Concen: 59.020 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

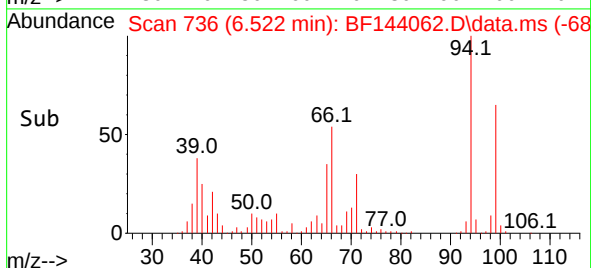
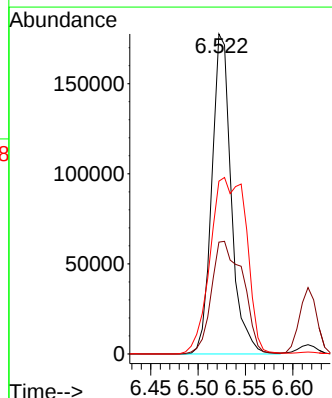
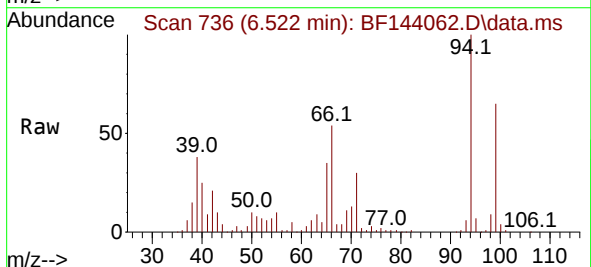
Tgt Ion: 94 Resp: 252508

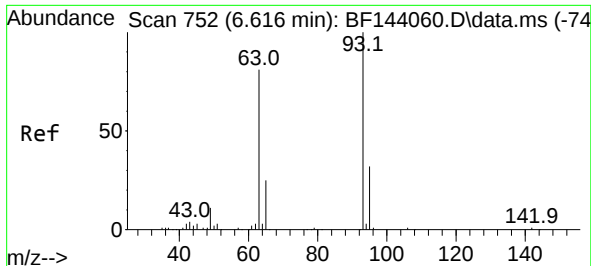
Ion Ratio Lower Upper

94 100

65 35.0 13.1 53.1

66 54.0 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 60.453 ng

RT: 6.616 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

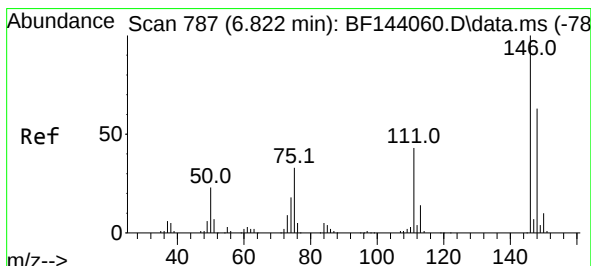
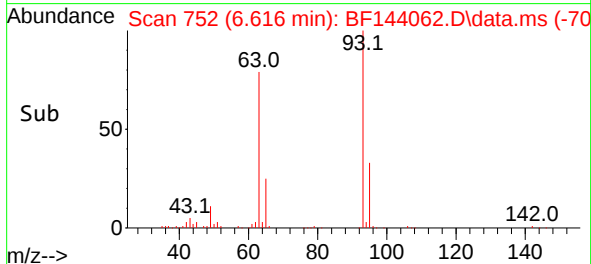
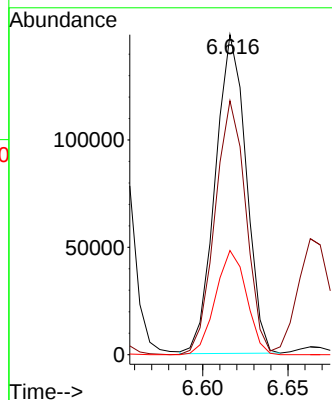
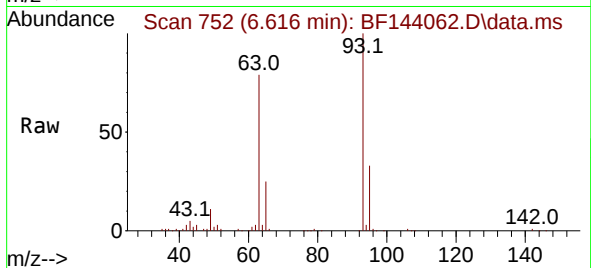
Tgt Ion: 93 Resp: 186891

Ion Ratio Lower Upper

93 100

63 79.4 60.2 100.2

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 59.315 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

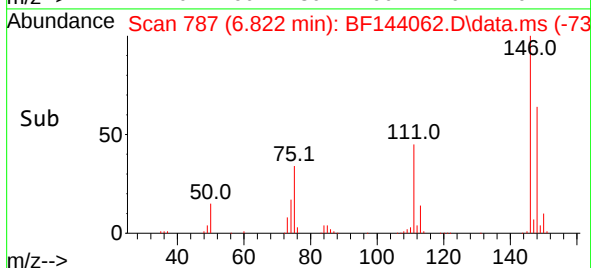
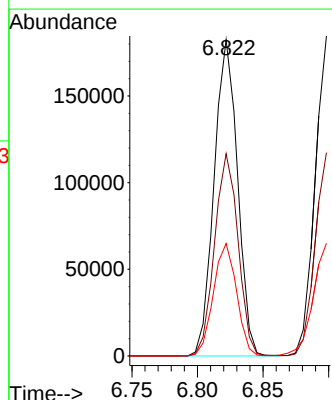
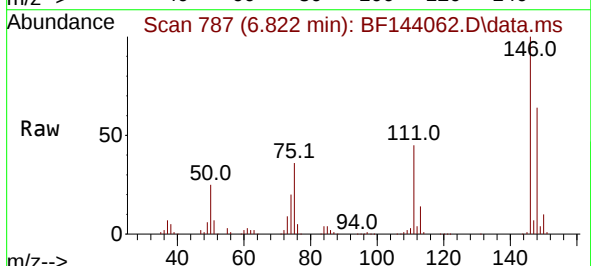
Tgt Ion:146 Resp: 226259

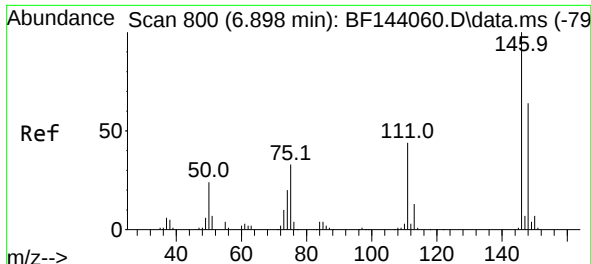
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

75 35.6 26.6 40.0

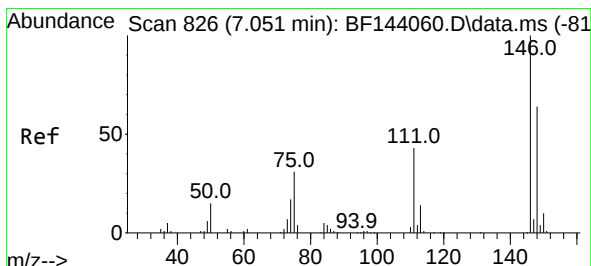
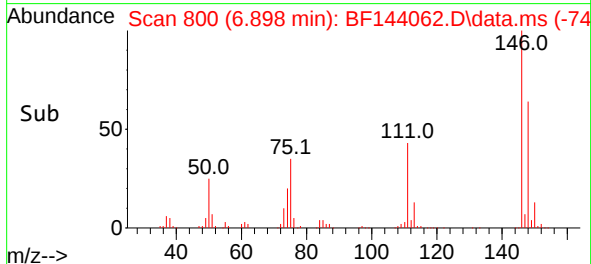
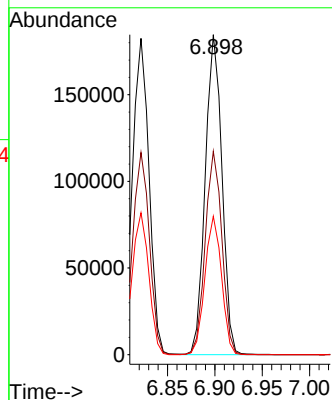
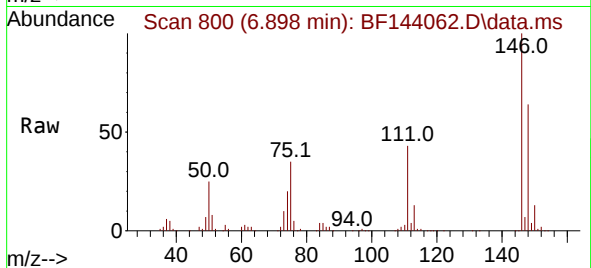




#13
1,4-Dichlorobenzene
Concen: 60.431 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

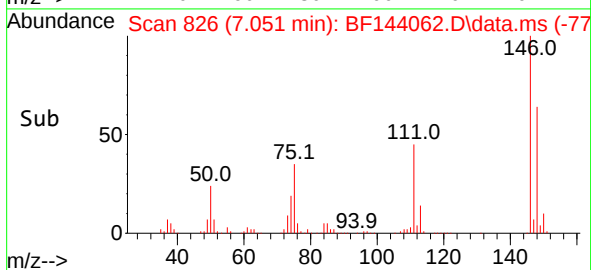
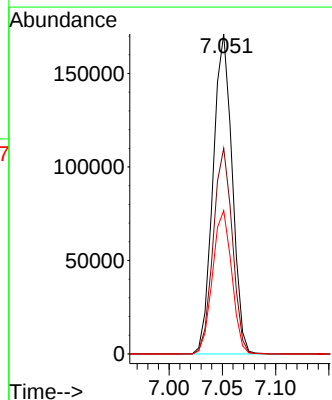
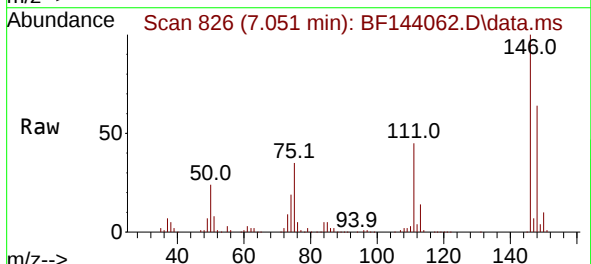
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

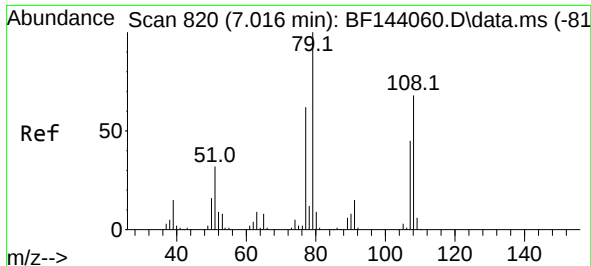
Tgt Ion:146 Resp: 227179
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.2 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 58.852 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:146 Resp: 214070
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 44.8 34.7 52.1

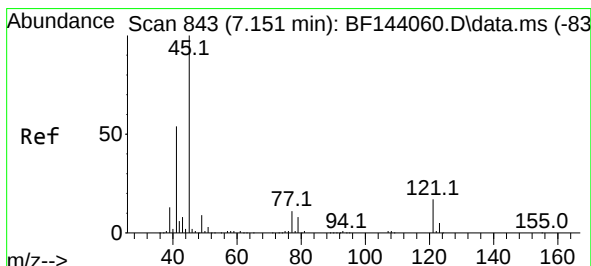
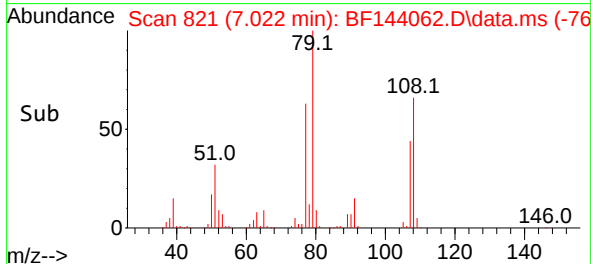
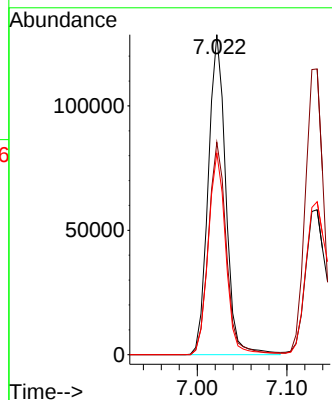
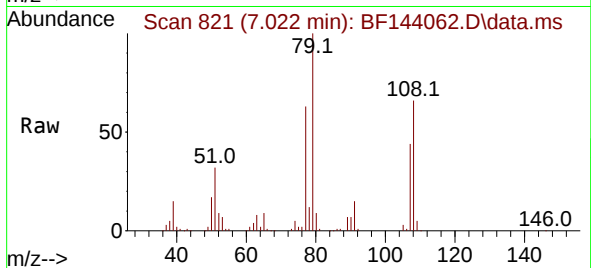




#15
Benzyl Alcohol
Concen: 61.814 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

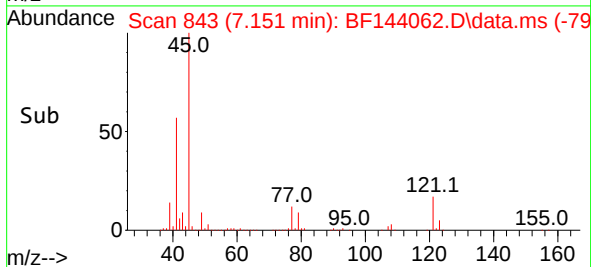
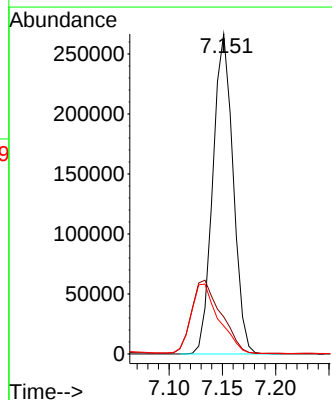
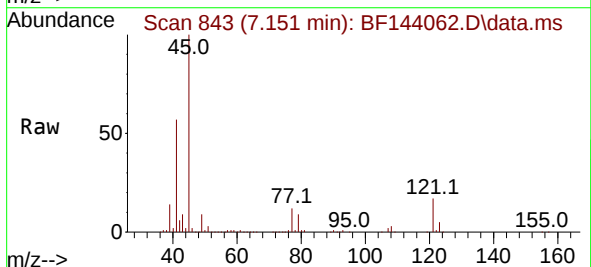
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

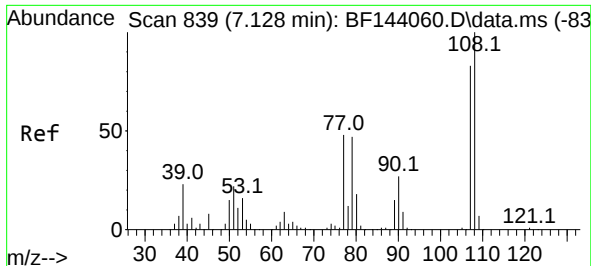
Tgt Ion: 79 Resp: 174301
Ion Ratio Lower Upper
79 100
108 66.4 54.8 82.2
77 63.0 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.612 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion: 45 Resp: 352170
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.9
79 8.7 0.0 28.2

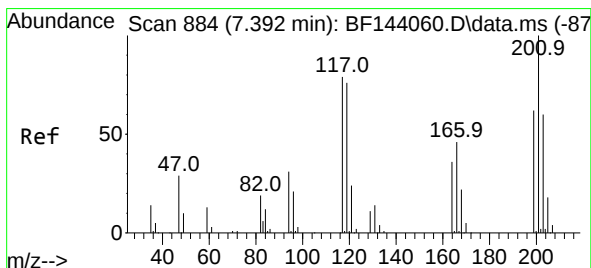
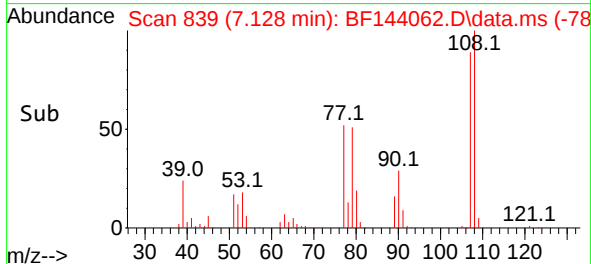
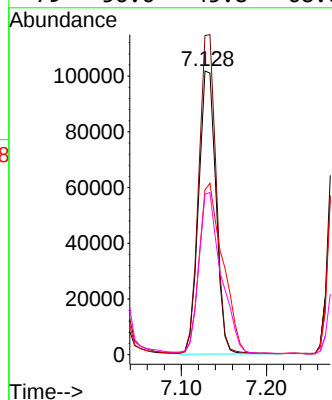
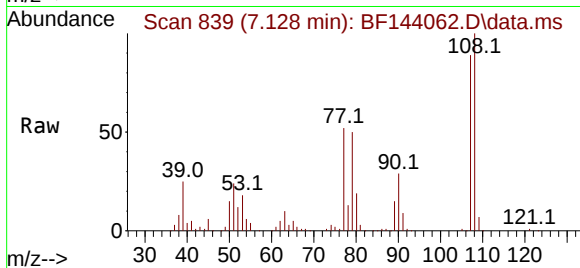




#17
2-Methylphenol
Concen: 60.323 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

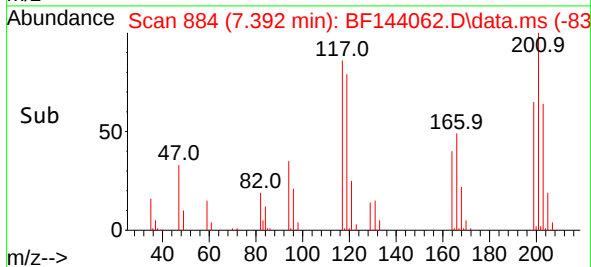
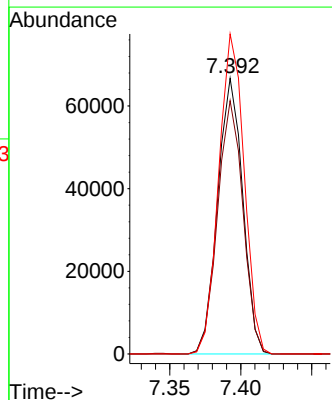
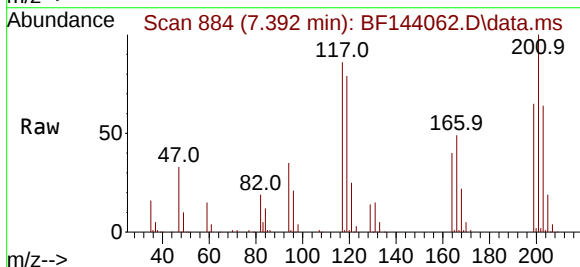
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

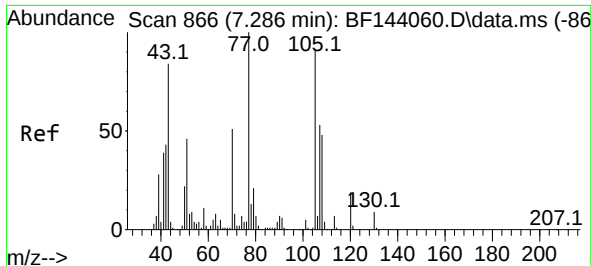
Tgt Ion:	107	Resp:	143469
Ion	Ratio	Lower	Upper
107	100		
108	112.5	96.4	144.6
77	58.1	46.8	70.2
79	56.6	45.8	68.6



#18
Hexachloroethane
Concen: 60.955 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:	117	Resp:	81925
Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.6	115.0
201	116.1	100.9	151.3

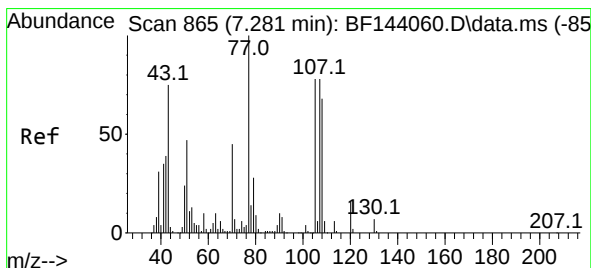
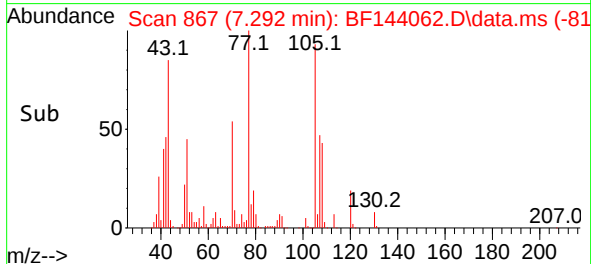
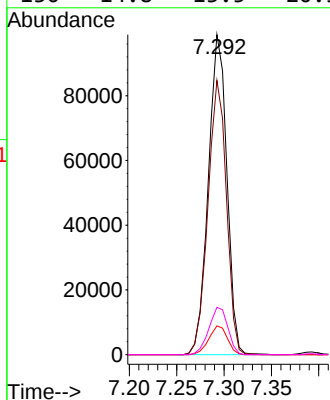
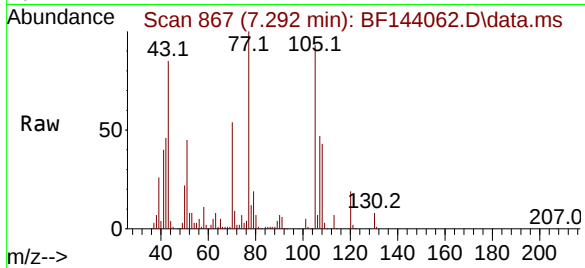




#19
n-Nitroso-di-n-propylamine
Concen: 59.901 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

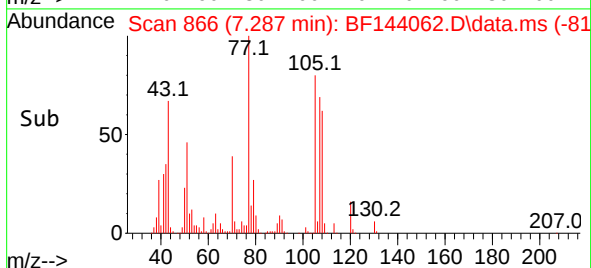
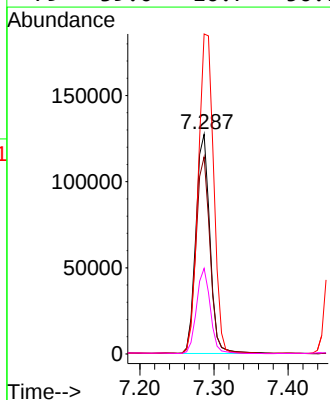
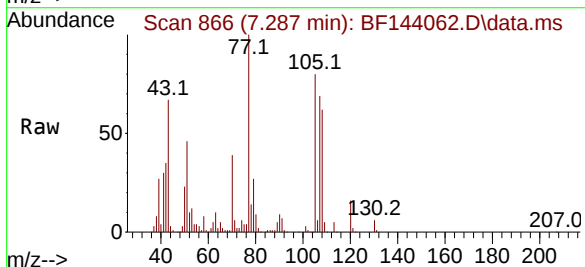
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

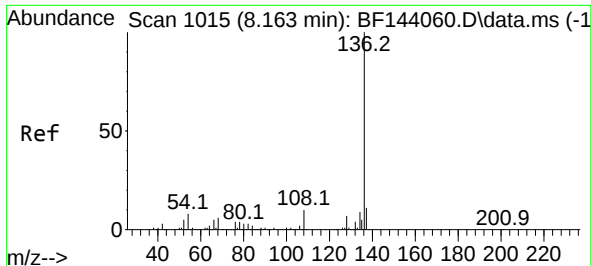
Tgt Ion: 70 Resp: 134329
Ion Ratio Lower Upper
70 100
42 85.7 67.4 101.0
101 9.0 7.1 10.7
130 14.8 13.5 20.3



#20
3+4-Methylphenols
Concen: 59.591 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:107 Resp: 167545
Ion Ratio Lower Upper
107 100
108 89.8 68.0 108.0
77 145.7 108.7 148.7
79 39.0 16.7 56.7

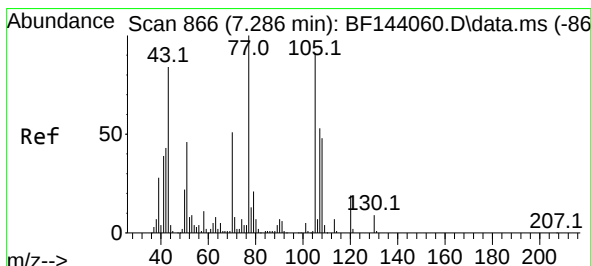
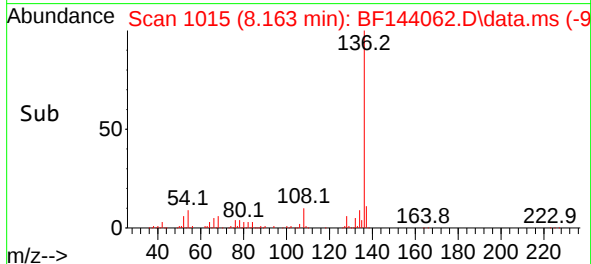
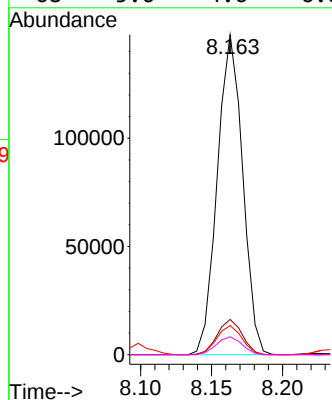
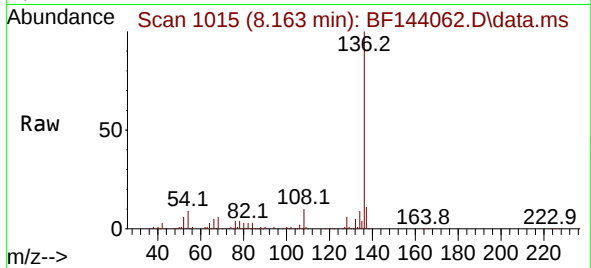




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

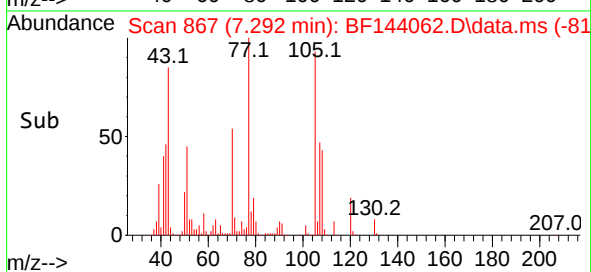
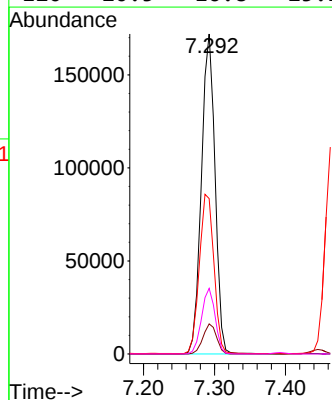
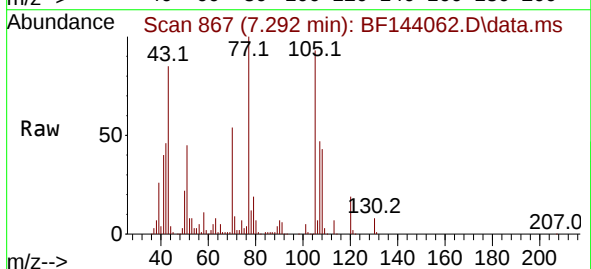
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

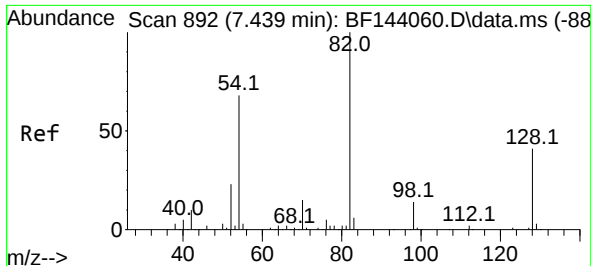
Tgt Ion:136 Resp: 183444
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 9.8
68 5.6 4.6 6.8



#22
Acetophenone
Concen: 58.099 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:105 Resp: 230329
Ion Ratio Lower Upper
105 100
71 9.4 6.9 10.3
51 48.5 40.6 60.8
120 20.5 16.8 25.2





#23

Nitrobenzene-d5

Concen: 117.835 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

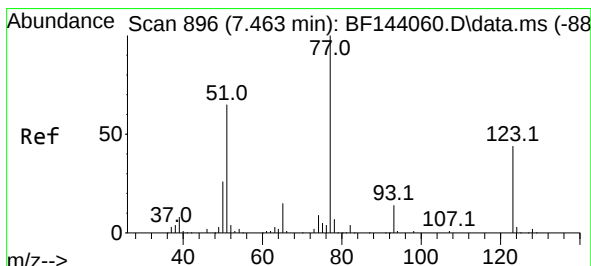
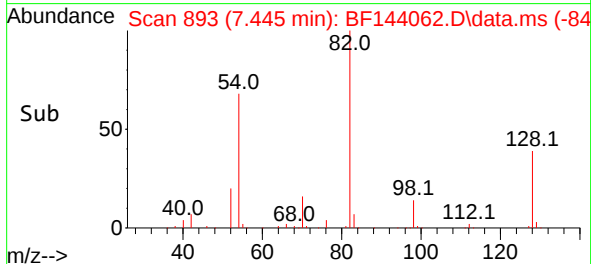
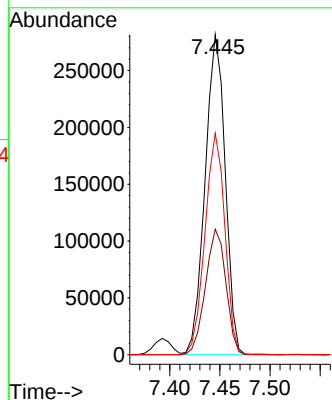
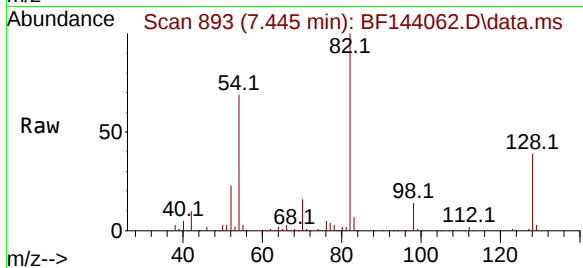
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 394547

Ion	Ratio	Lower	Upper
82	100		
128	39.2	32.4	48.6
54	69.2	54.0	81.0



#24

Nitrobenzene

Concen: 59.721 ng

RT: 7.463 min Scan# 896

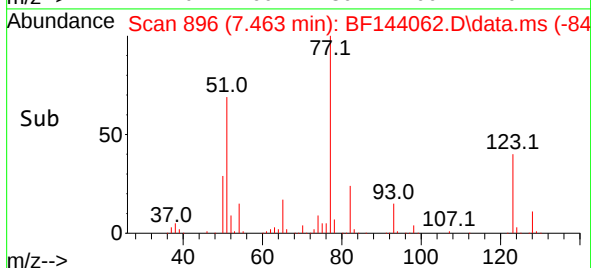
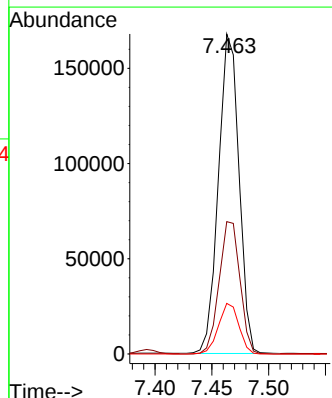
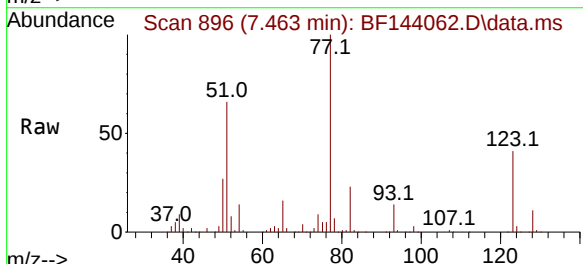
Delta R.T. 0.000 min

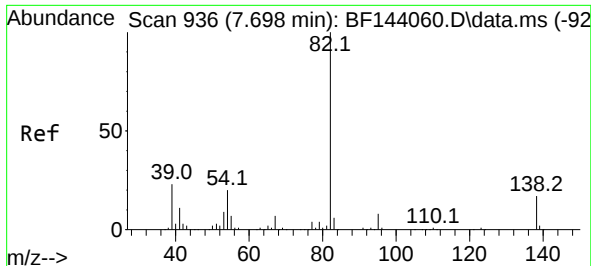
Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Tgt Ion: 77 Resp: 211531

Ion	Ratio	Lower	Upper
77	100		
123	41.4	35.0	52.6
65	15.8	12.2	18.2

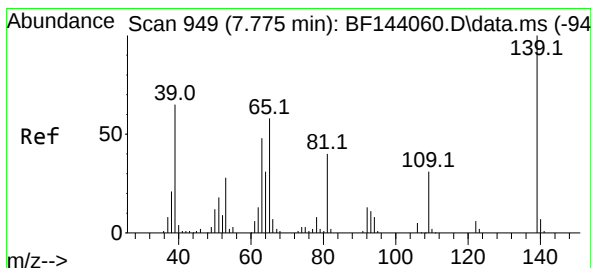
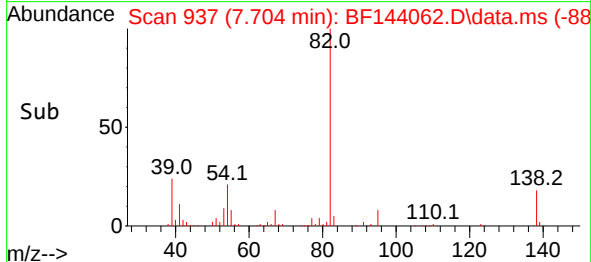
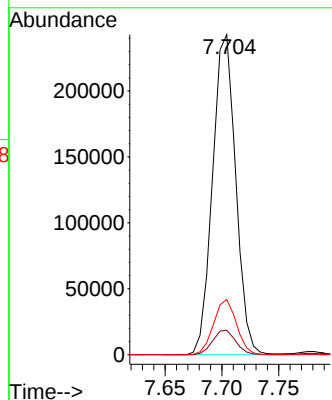
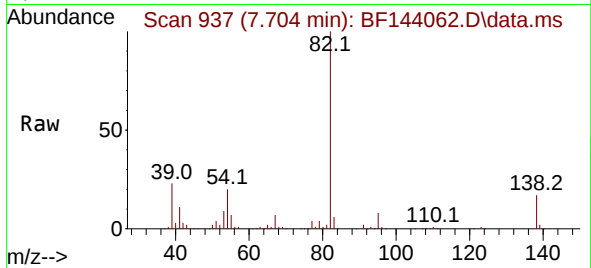




#25
Isophorone
Concen: 58.938 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

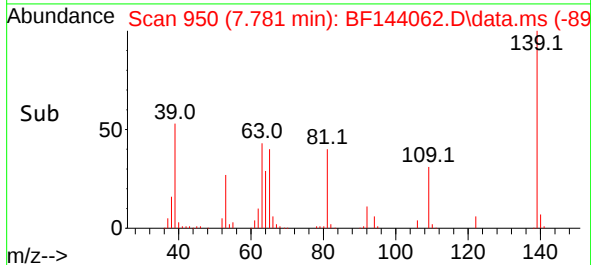
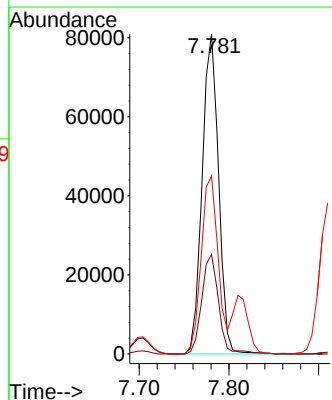
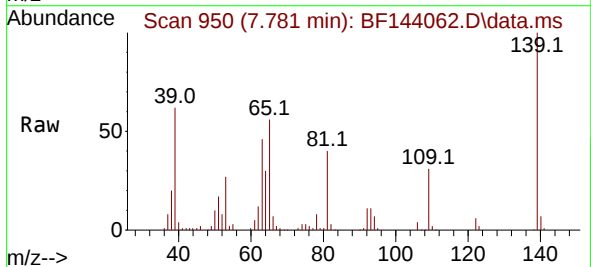
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

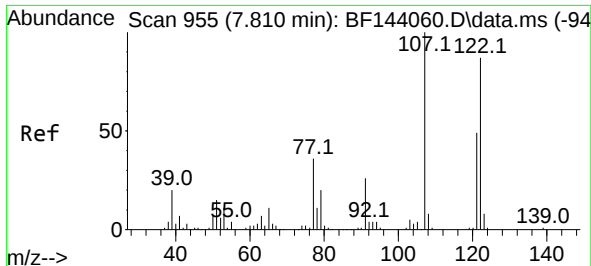
Tgt Ion: 82 Resp: 345018
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 60.897 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion: 139 Resp: 102611
Ion Ratio Lower Upper
139 100
109 31.1 24.6 37.0
65 55.7 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 61.855 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

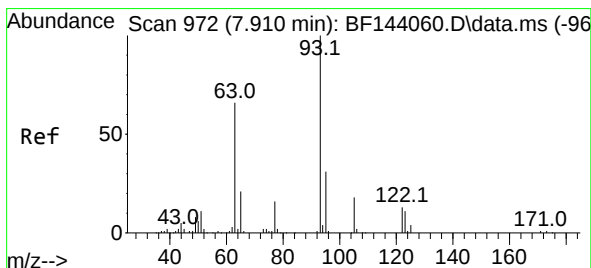
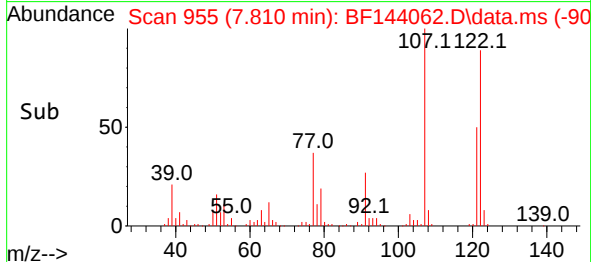
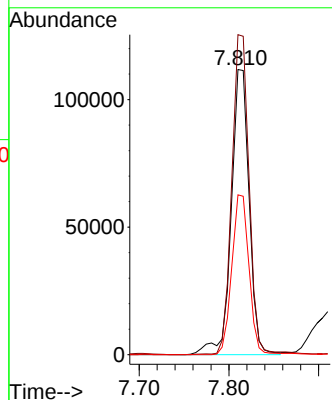
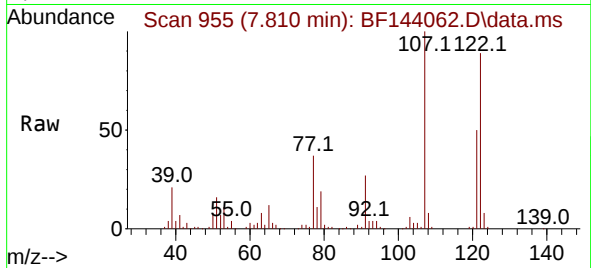
Tgt Ion:122 Resp: 154886

Ion Ratio Lower Upper

122 100

107 112.2 91.8 137.8

121 56.1 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 58.531 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

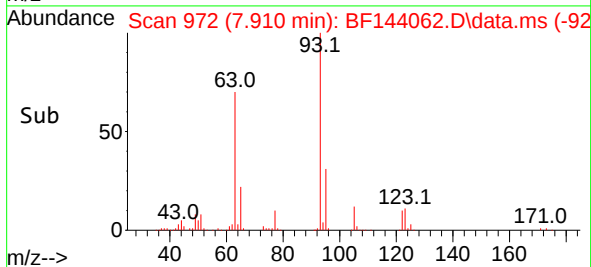
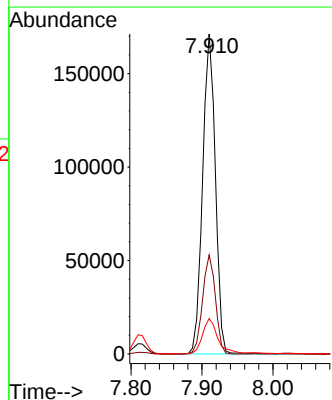
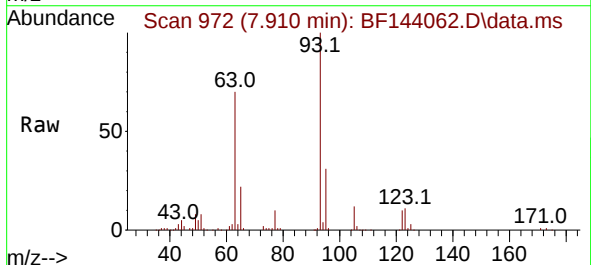
Tgt Ion: 93 Resp: 213676

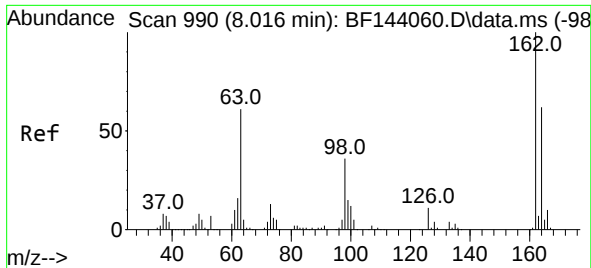
Ion Ratio Lower Upper

93 100

95 30.9 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 57.418 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

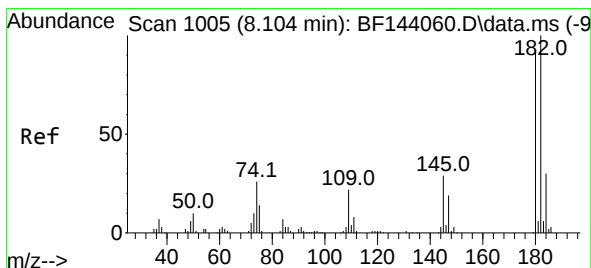
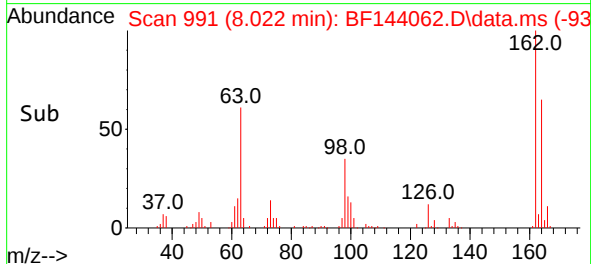
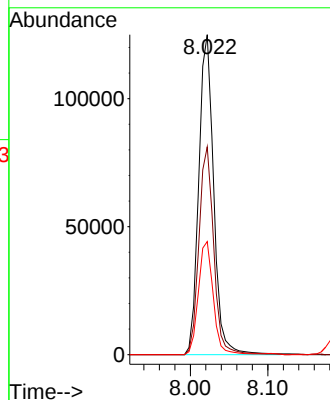
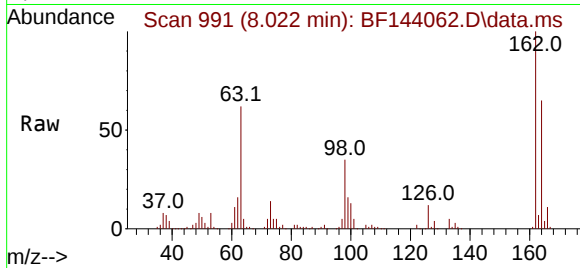
Tgt Ion:162 Resp: 167199

Ion Ratio Lower Upper

162 100

164 64.9 42.1 82.1

98 35.4 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 57.700 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

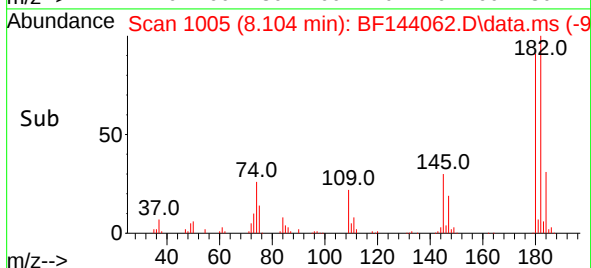
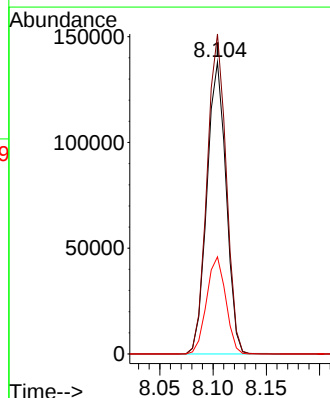
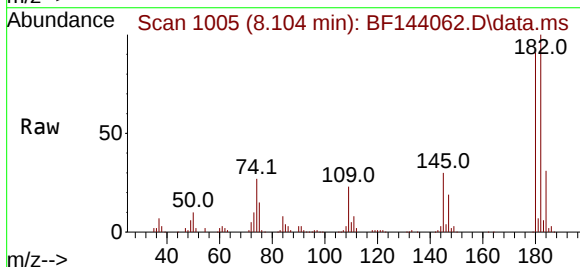
Tgt Ion:180 Resp: 172853

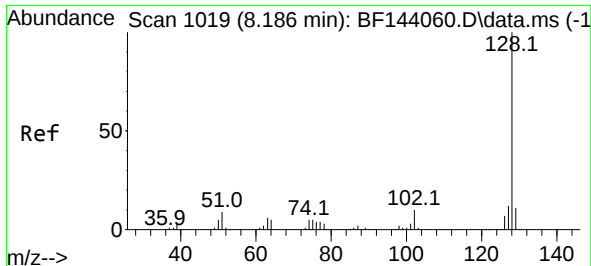
Ion Ratio Lower Upper

180 100

182 109.6 87.1 130.7

145 33.3 25.3 37.9

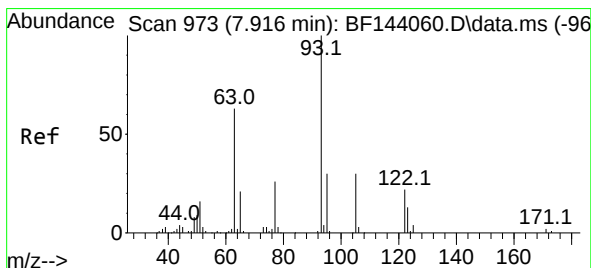
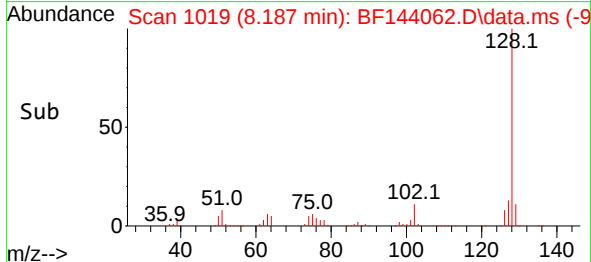
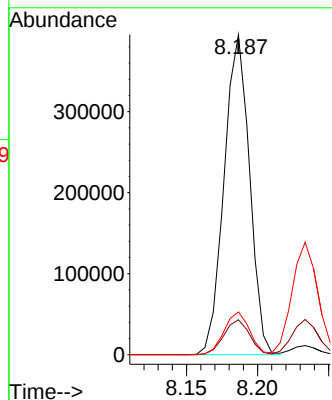
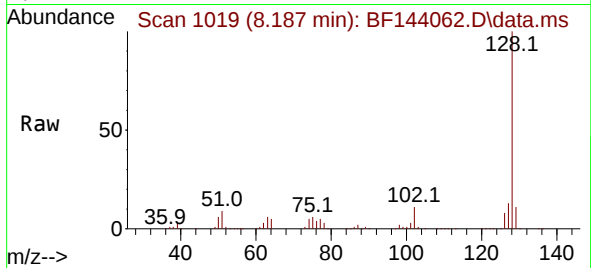




#31
Naphthalene
Concen: 56.753 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

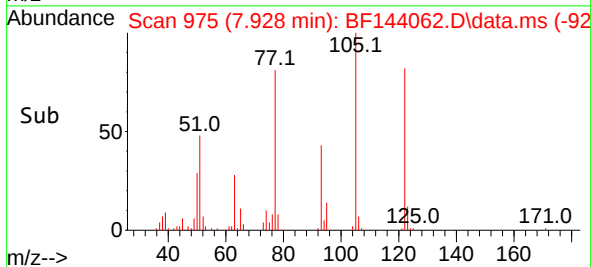
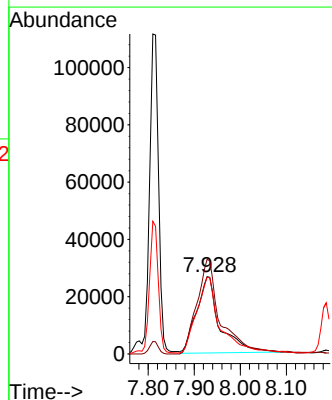
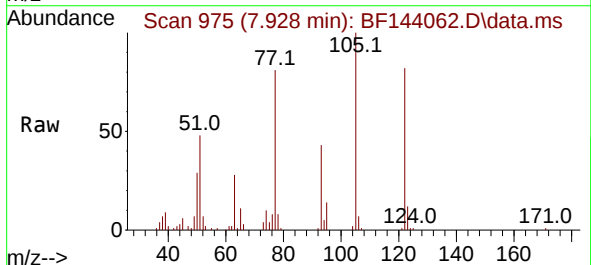
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

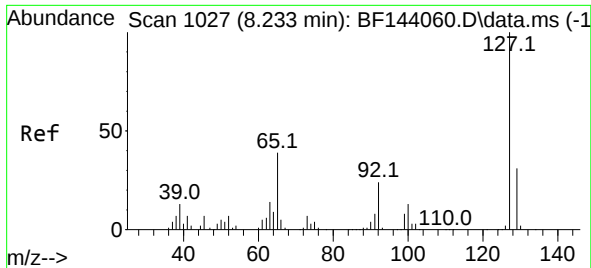
Tgt Ion:128 Resp: 491374
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.4 9.9 14.9



#32
Benzoic acid
Concen: 59.459 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:122 Resp: 94440
Ion Ratio Lower Upper
122 100
105 122.3 111.3 151.3
77 99.3 96.7 136.7

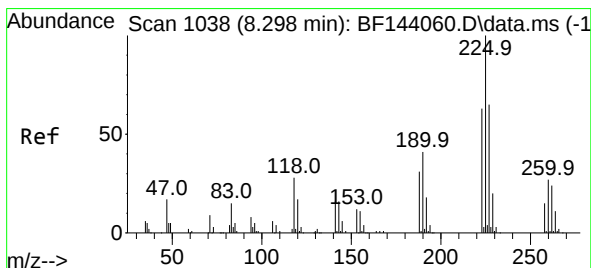
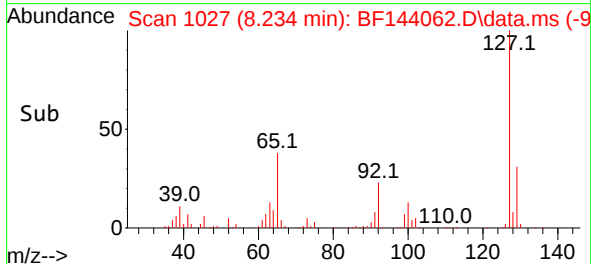
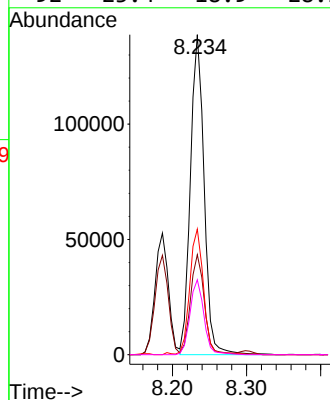
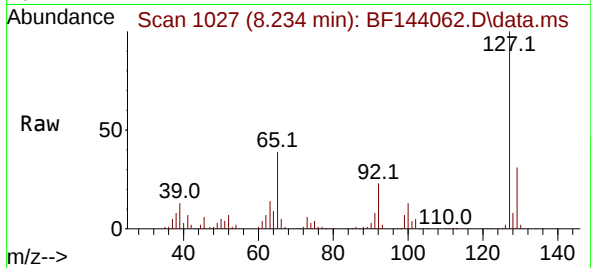




#33
4-Chloroaniline
Concen: 59.260 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

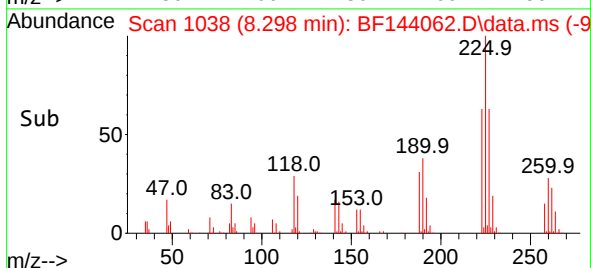
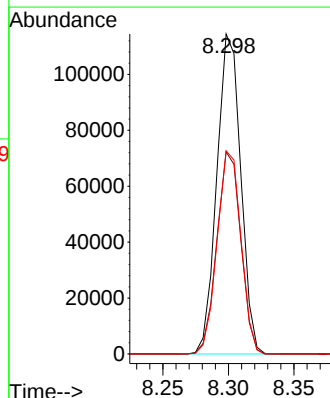
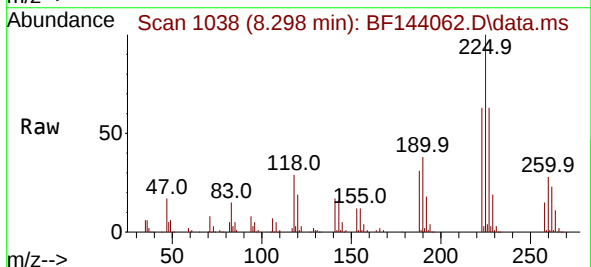
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

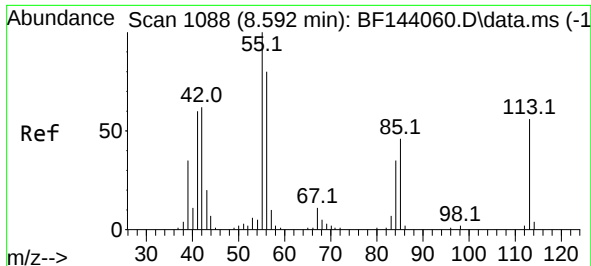
Tgt Ion:127	Resp: 178614
Ion Ratio	Lower Upper
127 100	
129 31.3	25.6 38.4
65 39.2	30.9 46.3
92 23.4	18.9 28.3



#34
Hexachlorobutadiene
Concen: 59.143 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:225	Resp: 144876
Ion Ratio	Lower Upper
225 100	
223 63.1	50.6 76.0
227 63.5	51.8 77.8

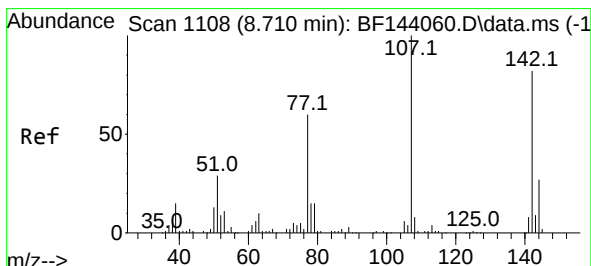
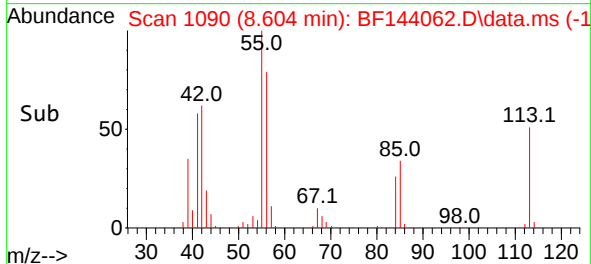
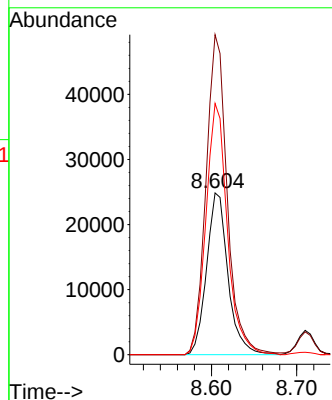
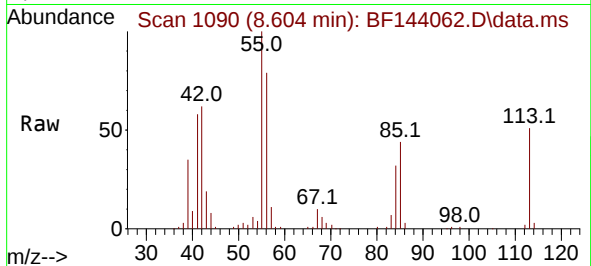




#35
Caprolactam
Concen: 59.540 ng
RT: 8.604 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

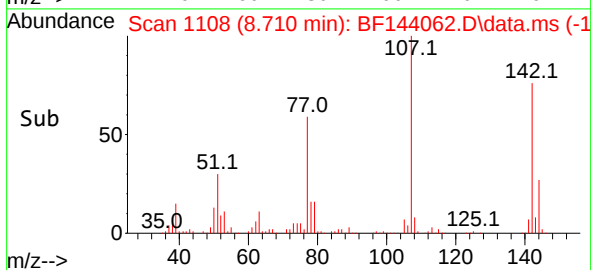
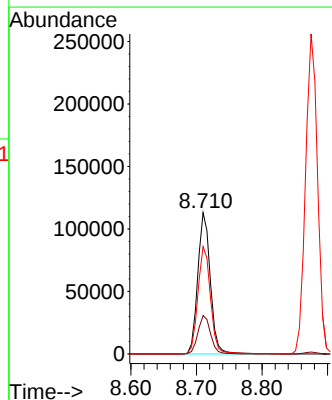
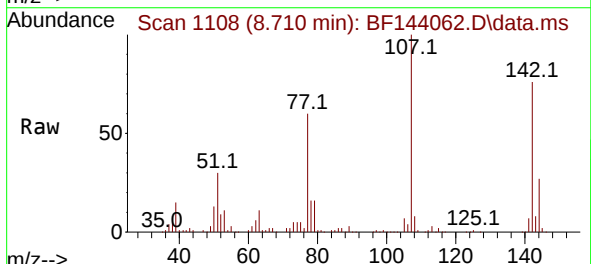
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

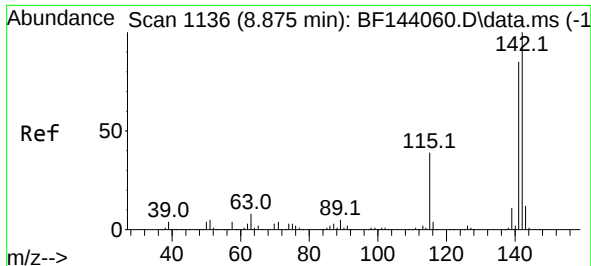
Tgt Ion:113 Resp: 43478
Ion Ratio Lower Upper
113 100
55 197.9 160.1 200.1
56 155.4 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 58.832 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:107 Resp: 151183
Ion Ratio Lower Upper
107 100
144 27.2 21.6 32.4
142 76.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 56.477 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

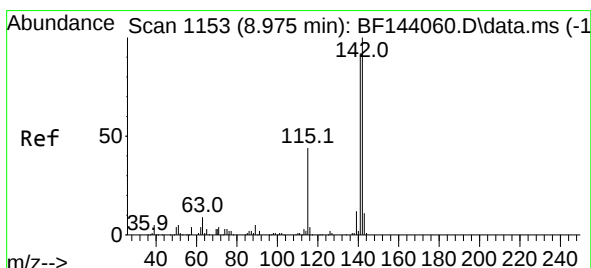
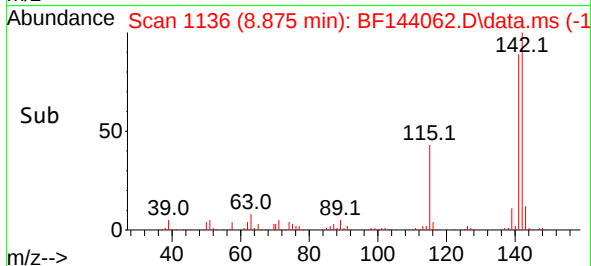
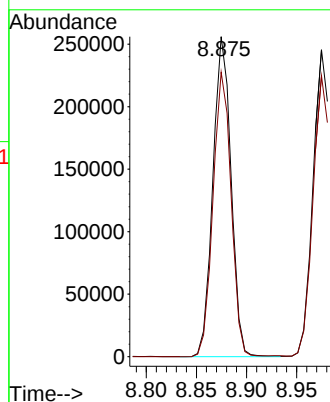
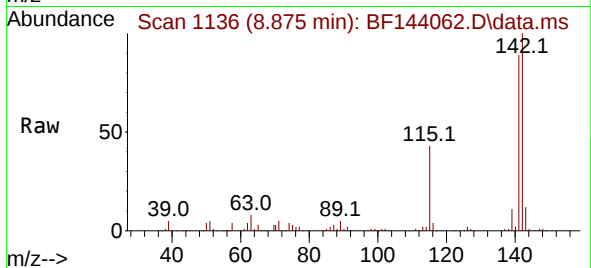
SSTDICC060

Tgt Ion:142 Resp: 322390

Ion Ratio Lower Upper

142 100

141 88.9 67.6 101.4



#38

1-Methylnaphthalene

Concen: 56.480 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144062.D

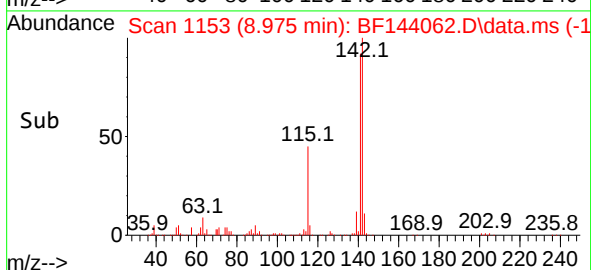
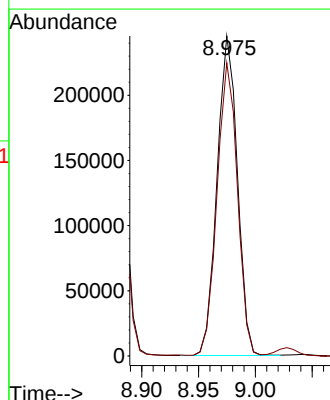
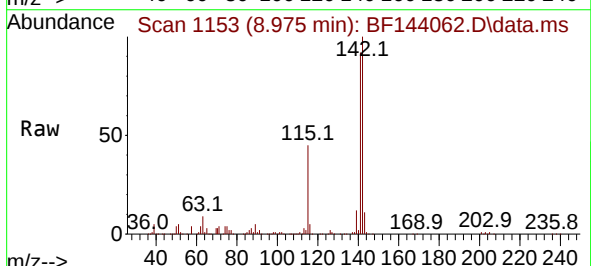
Acq: 24 Oct 2025 14:03

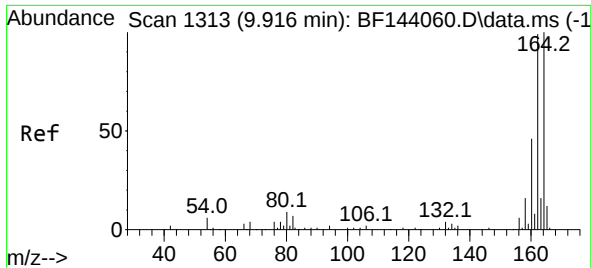
Tgt Ion:142 Resp: 305454

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

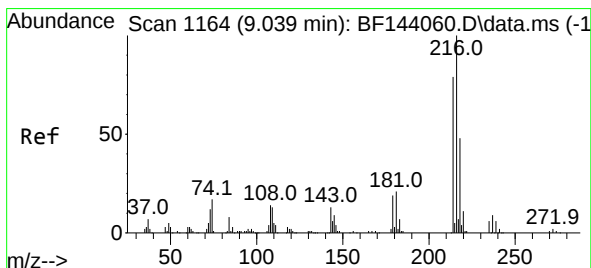
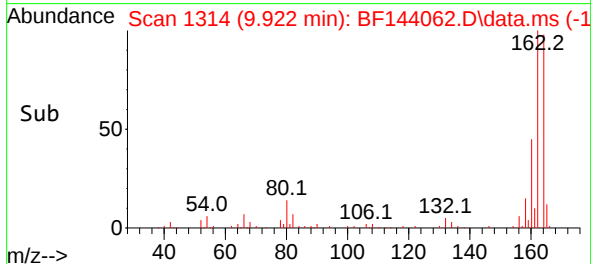
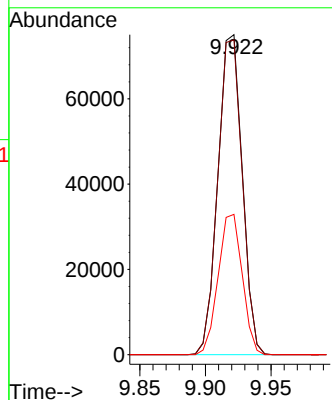
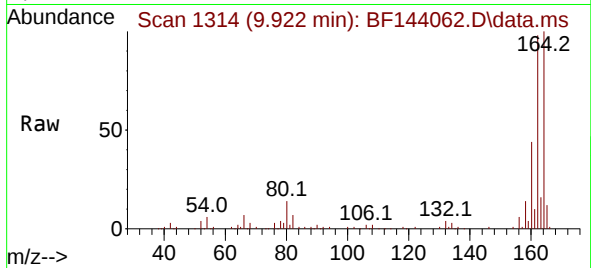




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

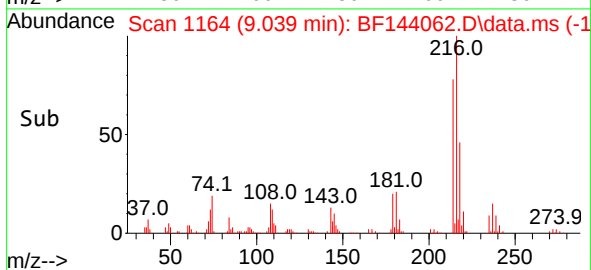
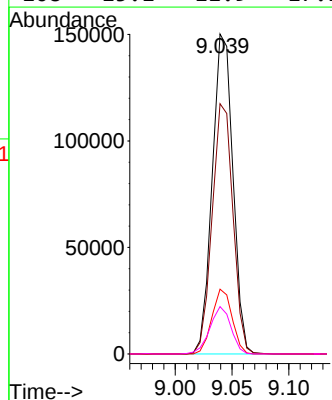
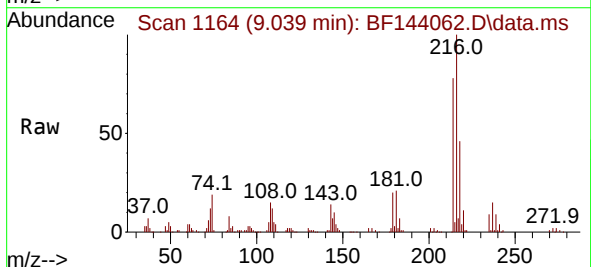
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

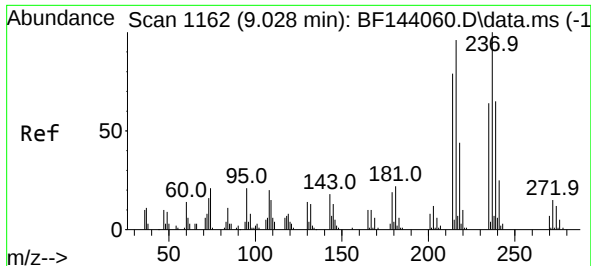
Tgt Ion:164 Resp: 96791
Ion Ratio Lower Upper
164 100
162 98.4 79.4 119.2
160 43.8 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 57.130 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:216 Resp: 190043
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 19.7 15.2 22.8
108 15.1 11.9 17.9

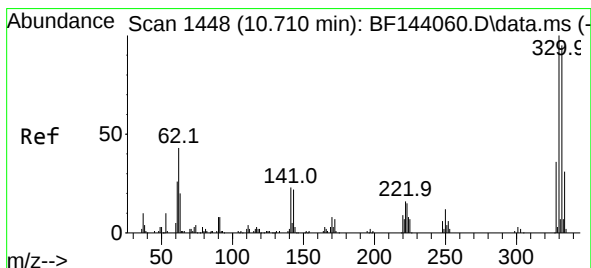
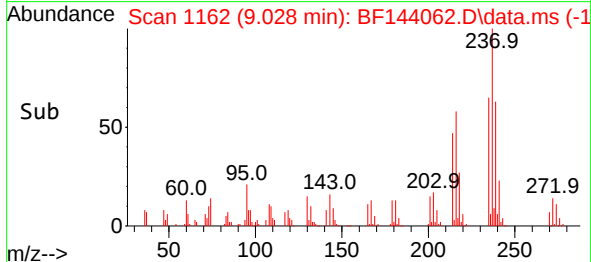
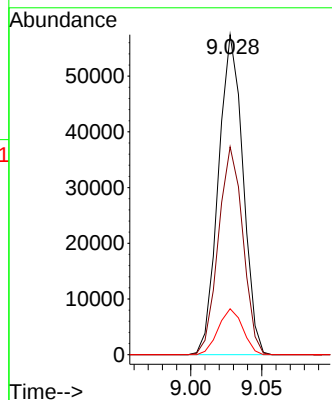
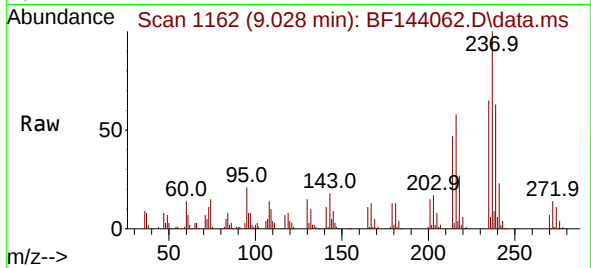




#41
Hexachlorocyclopentadiene
Concen: 67.178 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

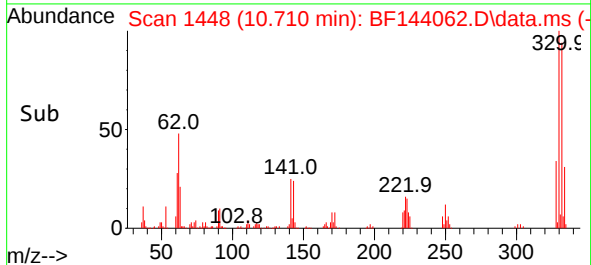
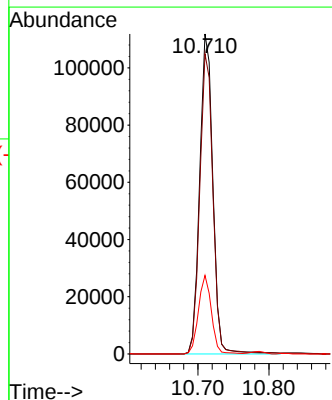
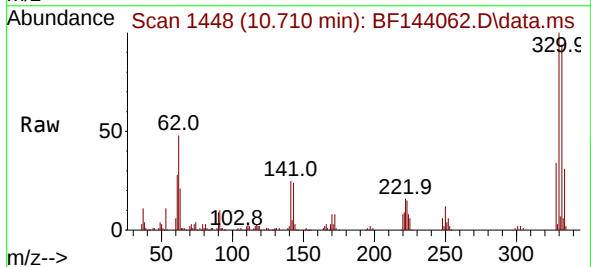
Instrument :
BNA_F
ClientSampleId :
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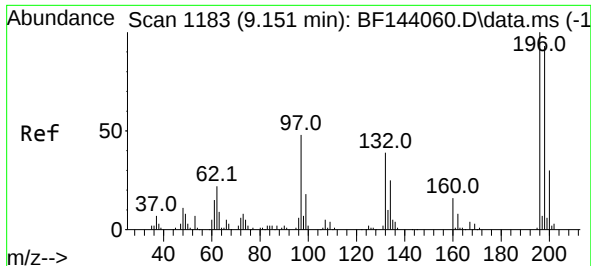
Tgt Ion:237 Resp: 69021
Ion Ratio Lower Upper
237 100
235 64.9 44.3 84.3
272 14.3 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 117.192 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:330 Resp: 144489
Ion Ratio Lower Upper
330 100
332 93.6 77.0 115.6
141 24.1 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 57.409 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

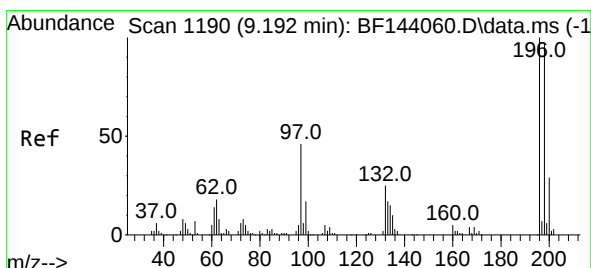
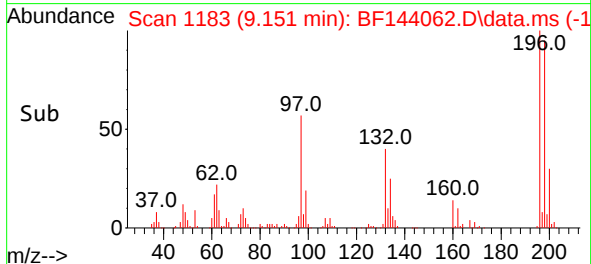
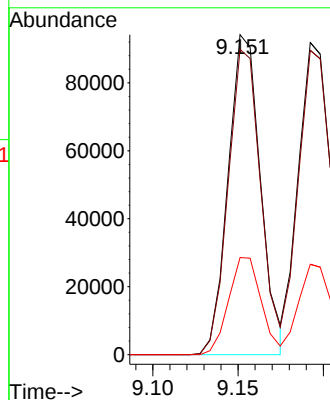
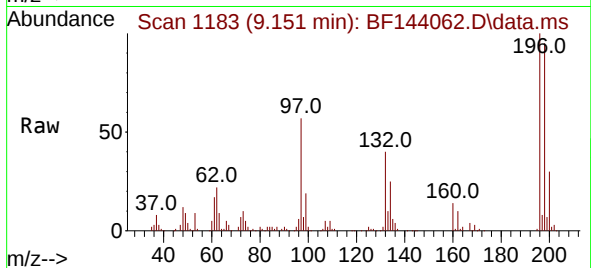
Tgt Ion:196 Resp: 124130

Ion Ratio Lower Upper

196 100

198 95.4 74.4 111.6

200 30.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 56.455 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Tgt Ion:196 Resp: 128110

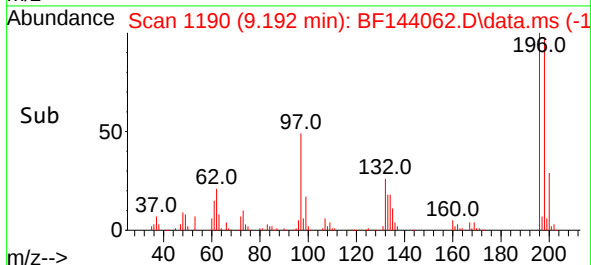
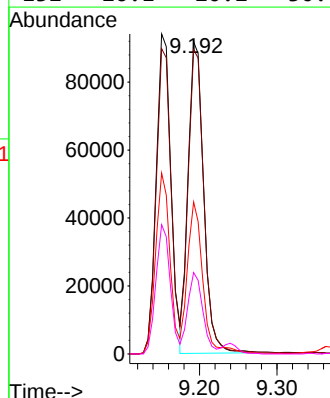
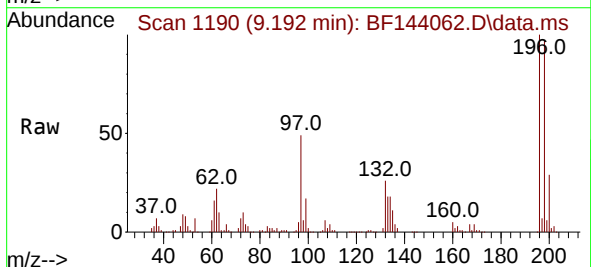
Ion Ratio Lower Upper

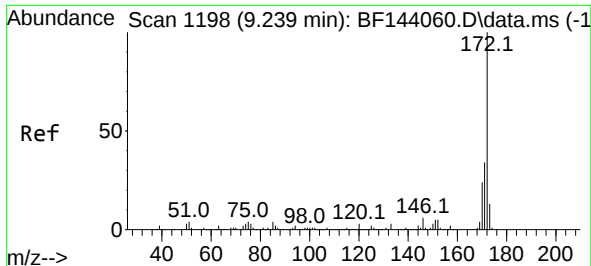
196 100

198 97.5 78.0 117.0

97 48.7 37.7 56.5

132 26.1 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 111.777 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

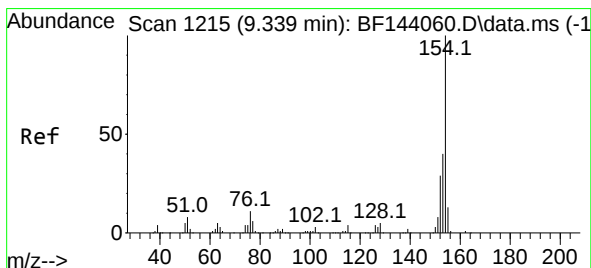
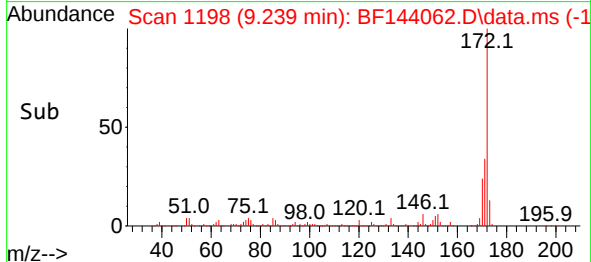
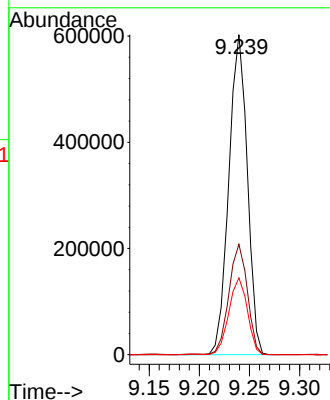
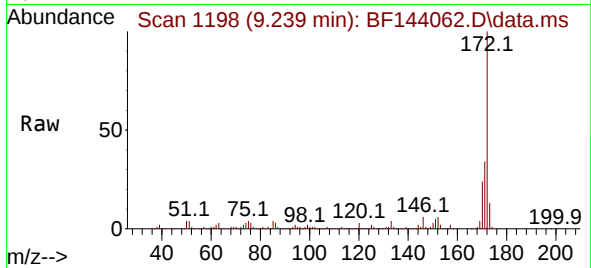
Tgt Ion:172 Resp: 768824

Ion Ratio Lower Upper

172 100

171 34.5 27.5 41.3

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 56.503 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

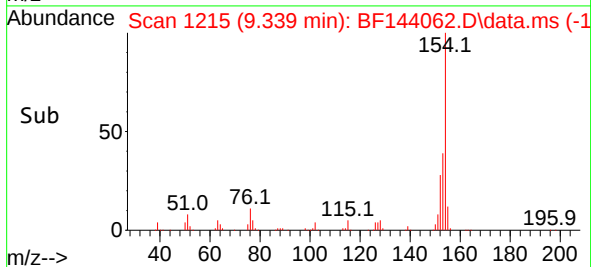
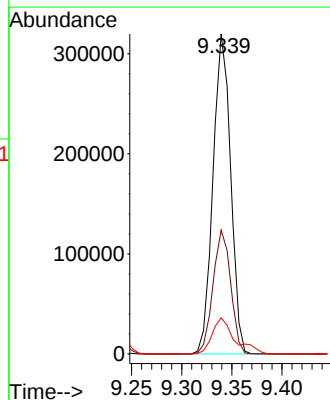
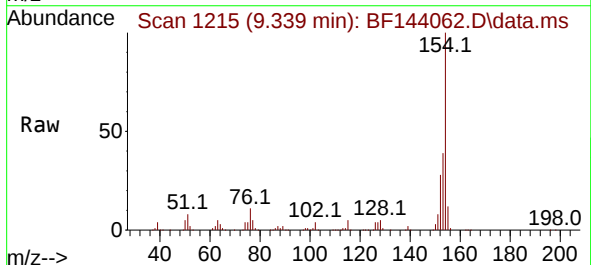
Tgt Ion:154 Resp: 391493

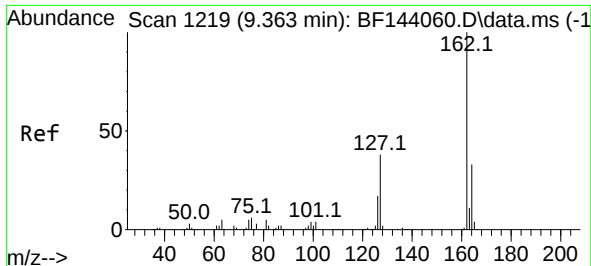
Ion Ratio Lower Upper

154 100

153 38.7 19.7 59.7

76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 56.560 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

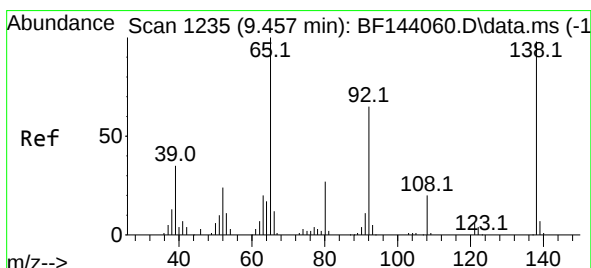
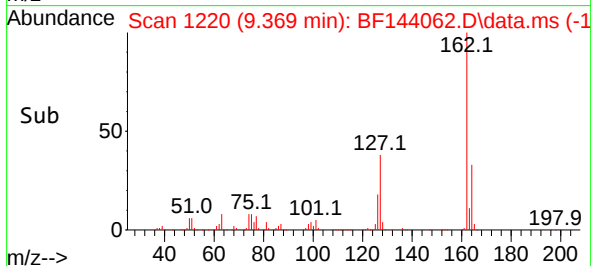
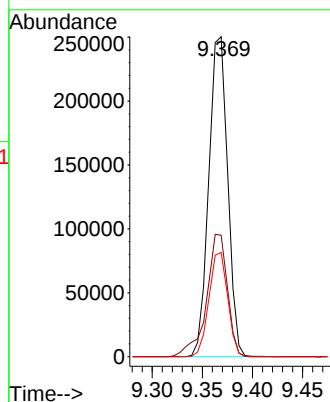
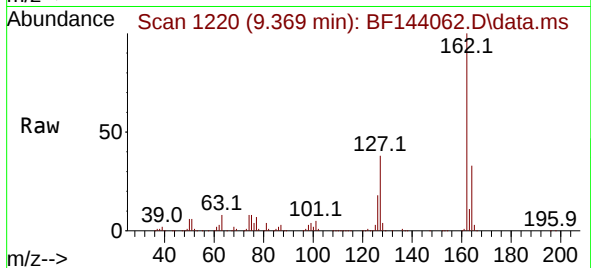
Tgt Ion:162 Resp: 328316

Ion Ratio Lower Upper

162 100

127 38.0 31.6 47.4

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 62.447 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

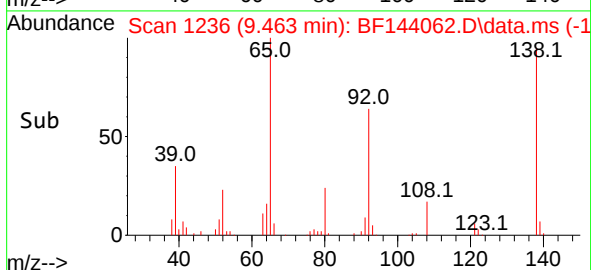
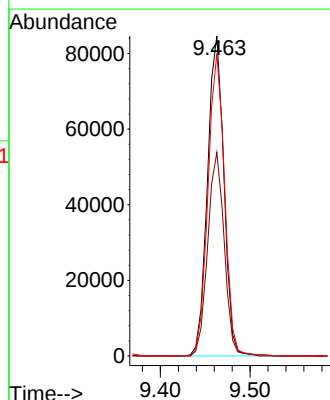
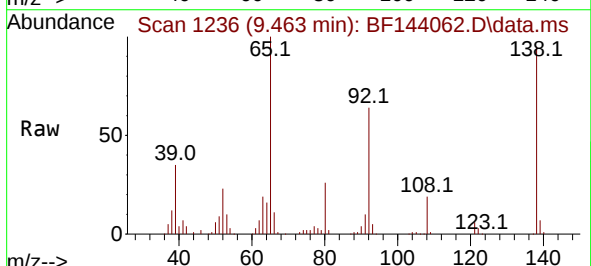
Tgt Ion: 65 Resp: 107641

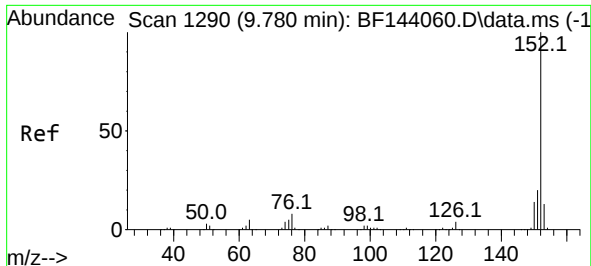
Ion Ratio Lower Upper

65 100

92 63.6 52.3 78.5

138 94.5 78.3 117.5





#49

Acenaphthylene

Concen: 56.657 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

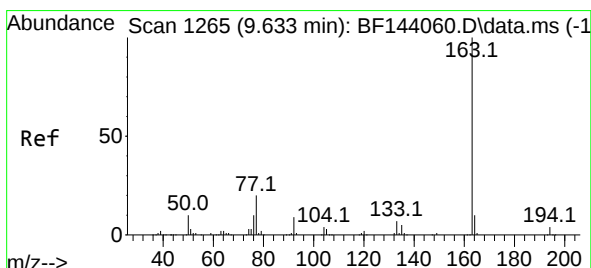
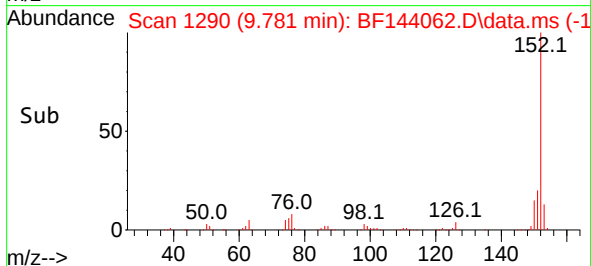
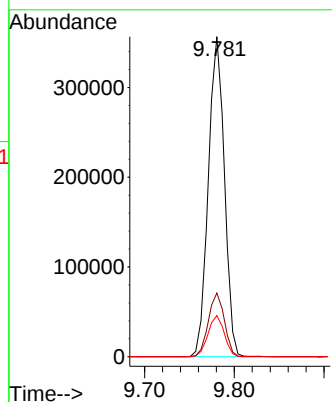
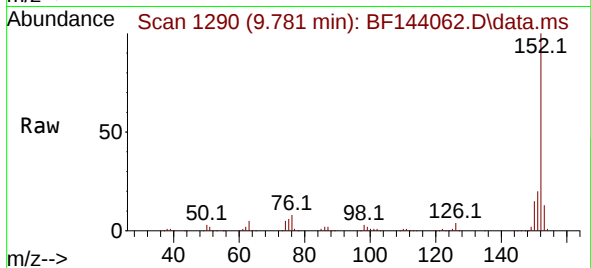
Tgt Ion:152 Resp: 443450

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 57.182 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

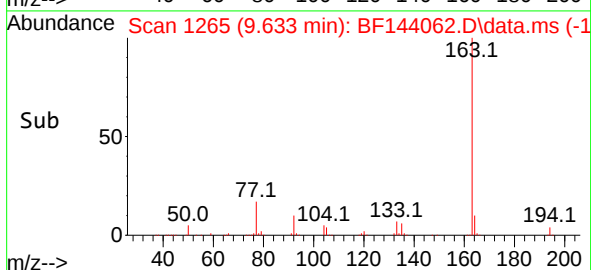
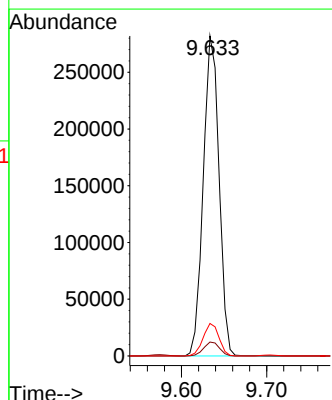
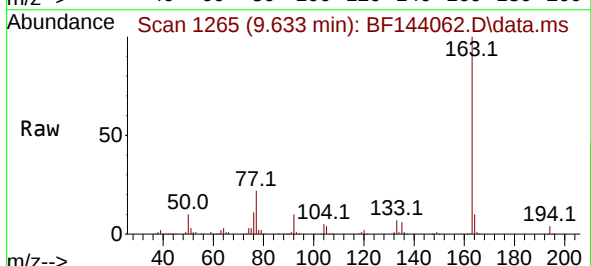
Tgt Ion:163 Resp: 362792

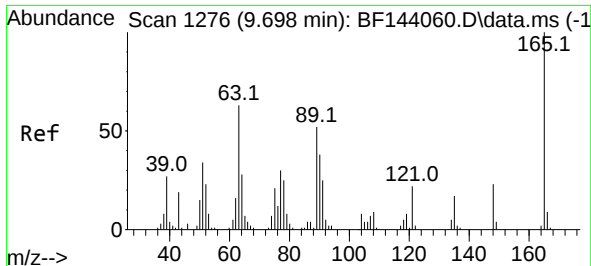
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.2 7.8 11.8

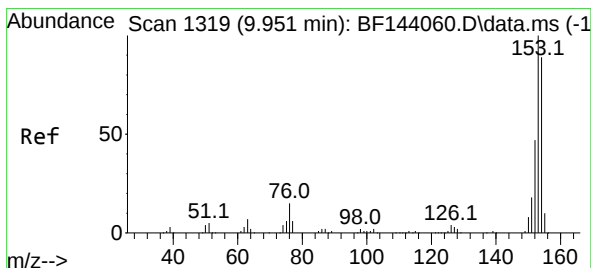
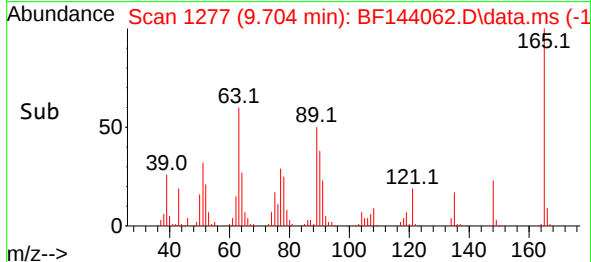
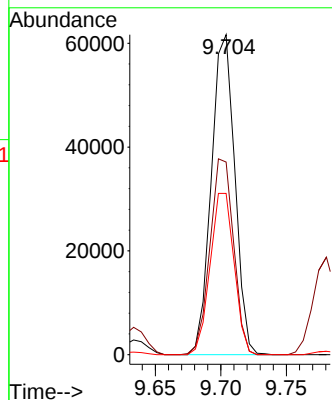
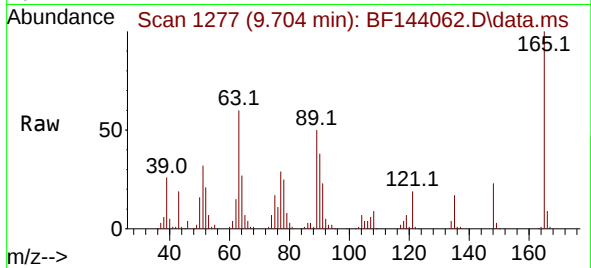




#51
2,6-Dinitrotoluene
Concen: 61.282 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

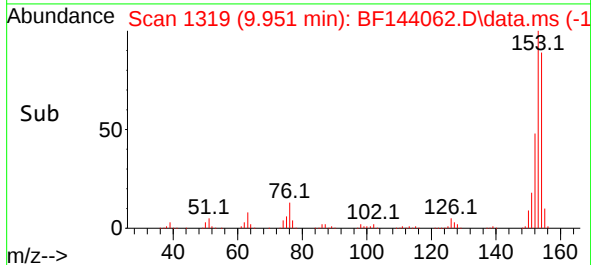
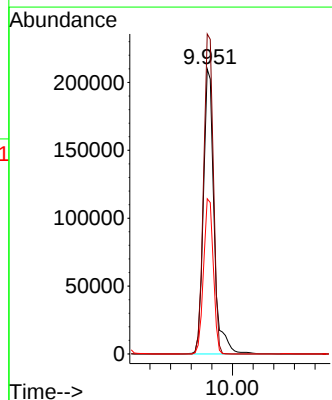
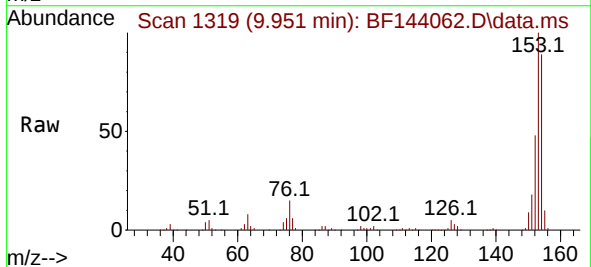
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

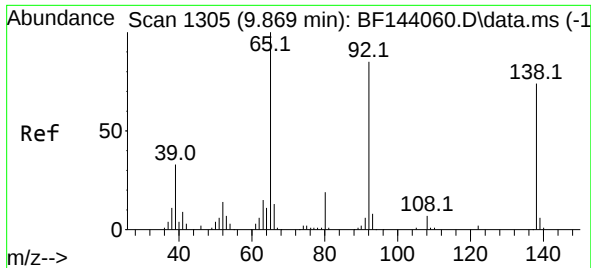
Tgt Ion:165 Resp: 76862
Ion Ratio Lower Upper
165 100
63 60.2 50.4 75.6
89 50.4 41.4 62.2



#52
Acenaphthene
Concen: 57.448 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:154 Resp: 300287
Ion Ratio Lower Upper
154 100
153 112.3 89.9 134.9
152 54.5 42.0 63.0

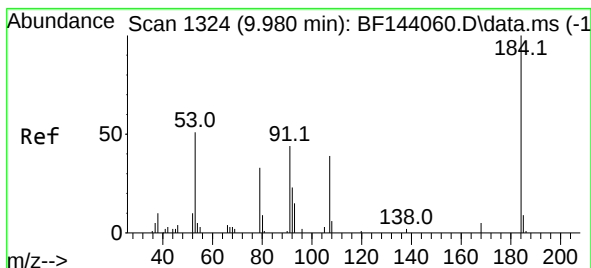
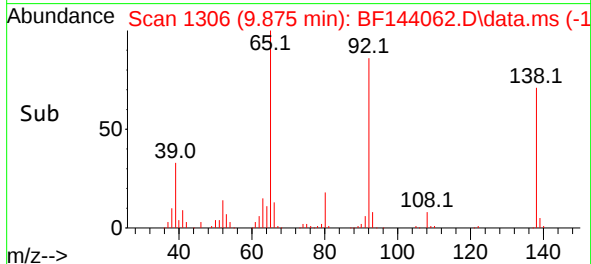
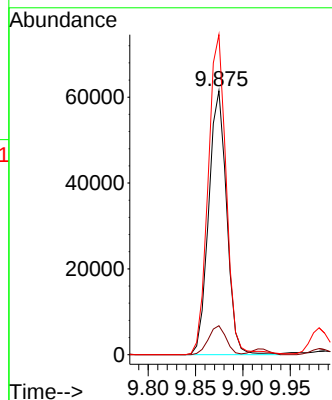
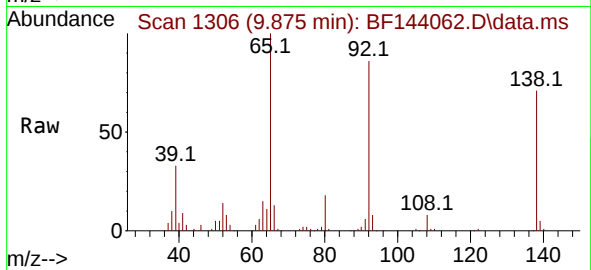




#53
3-Nitroaniline
Concen: 58.203 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

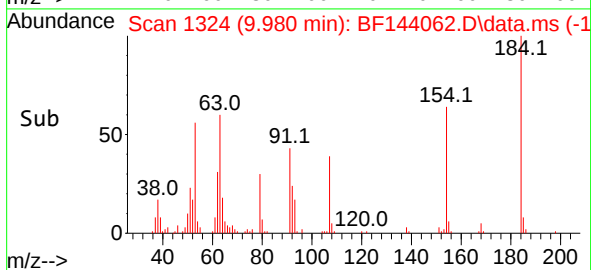
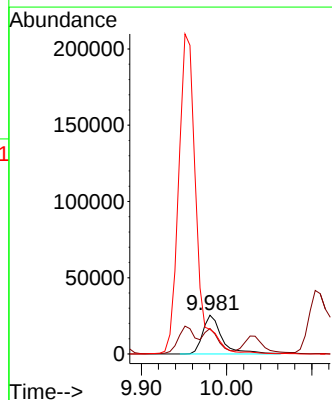
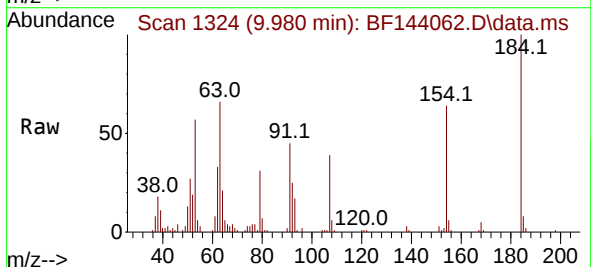
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

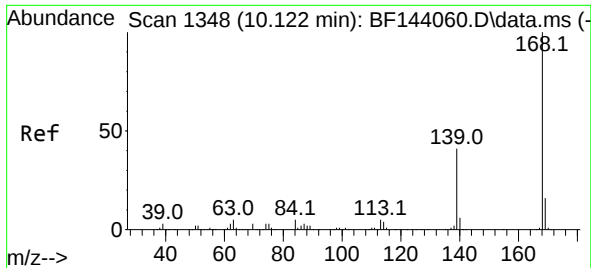
Tgt Ion:138 Resp: 81163
Ion Ratio Lower Upper
138 100
108 11.0 7.9 11.9
92 121.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 58.723 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:184 Resp: 39836
Ion Ratio Lower Upper
184 100
63 65.7 52.1 78.1
154 63.7 47.9 71.9

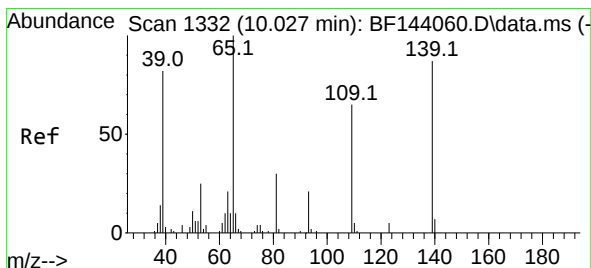
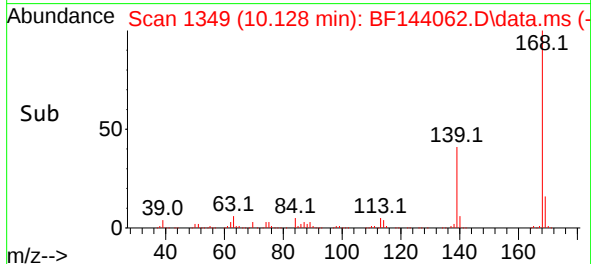
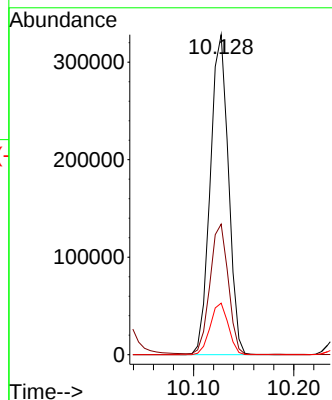
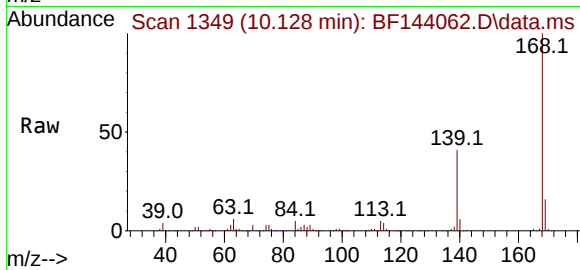




#55
Dibenzofuran
Concen: 56.978 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

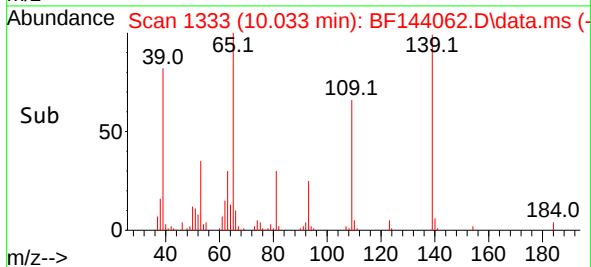
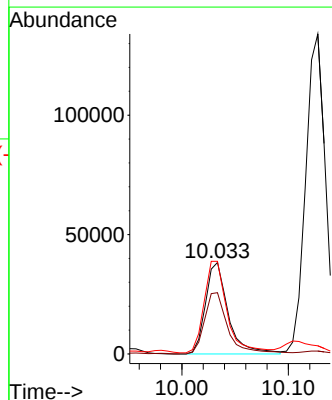
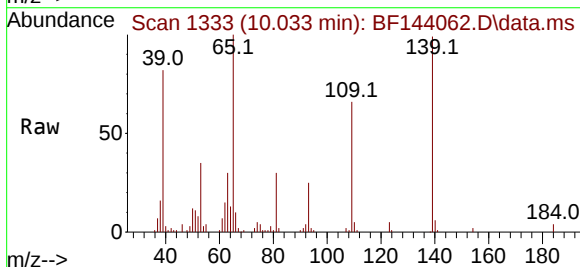
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

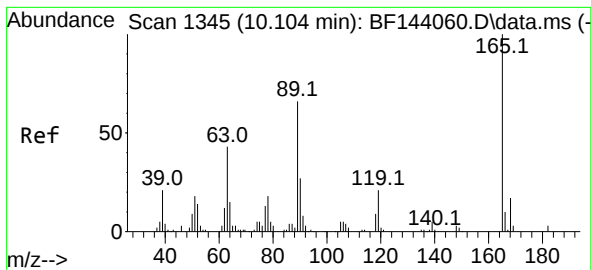
Tgt Ion:168 Resp: 413469
Ion Ratio Lower Upper
168 100
139 40.8 33.2 49.8
169 16.1 12.6 19.0



#56
4-Nitrophenol
Concen: 60.033 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:139 Resp: 56689
Ion Ratio Lower Upper
139 100
109 67.1 53.8 93.8
65 101.3 95.9 135.9

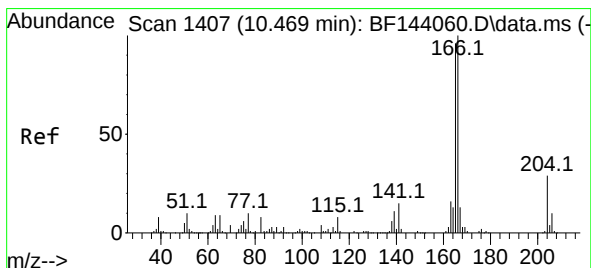
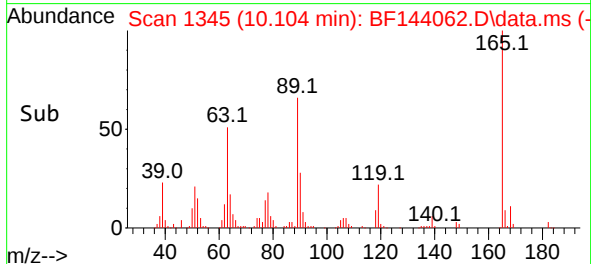
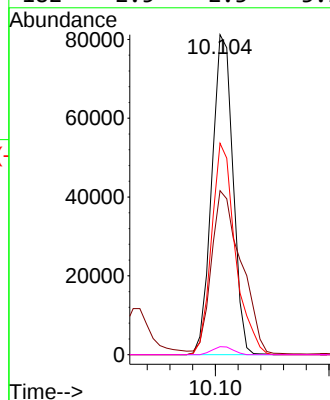
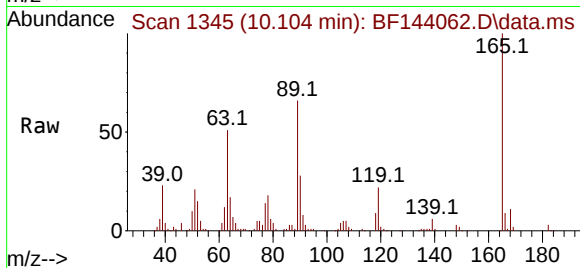




#57
2,4-Dinitrotoluene
Concen: 61.833 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

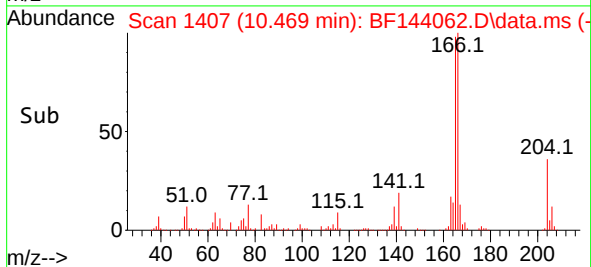
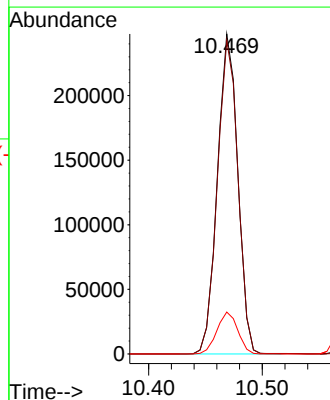
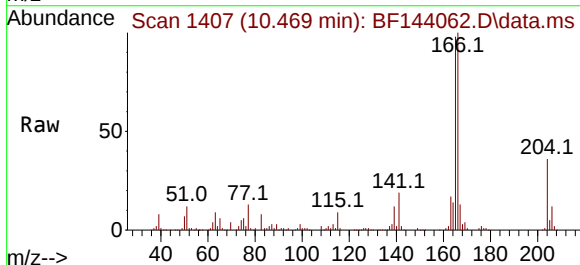
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

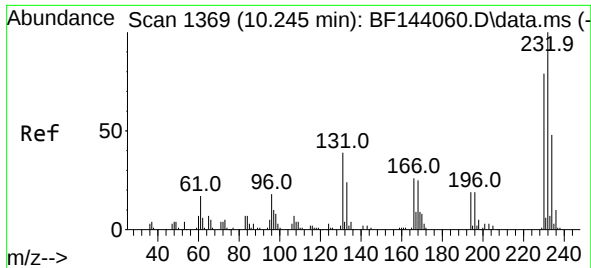
Tgt Ion:165 Resp: 104669
Ion Ratio Lower Upper
165 100
63 51.3 35.4 53.2
89 66.1 52.7 79.1
182 2.5 2.3 3.5



#58
Fluorene
Concen: 56.026 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:166 Resp: 309782
Ion Ratio Lower Upper
166 100
165 98.0 77.0 115.4
167 13.1 10.2 15.4

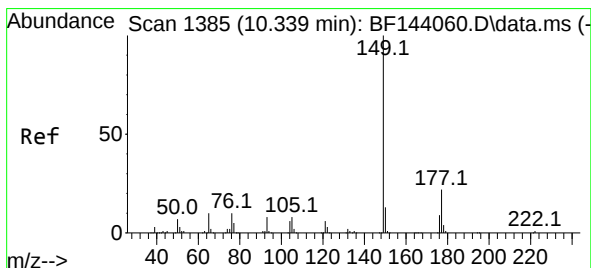
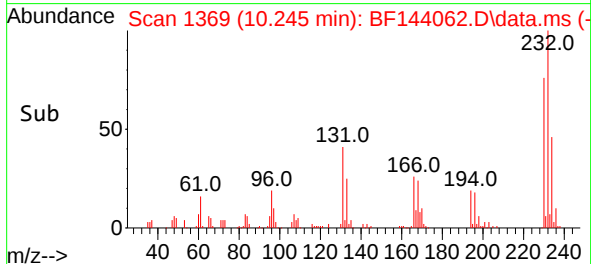
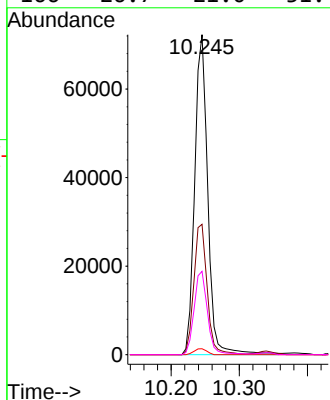
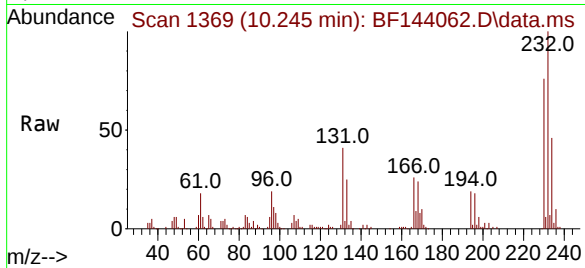




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.109 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

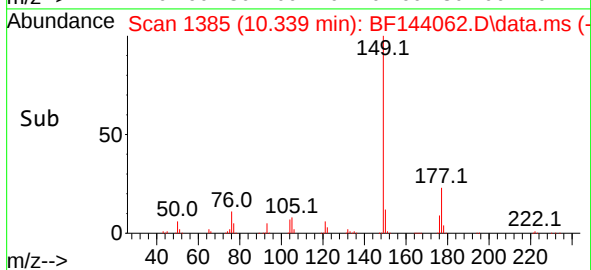
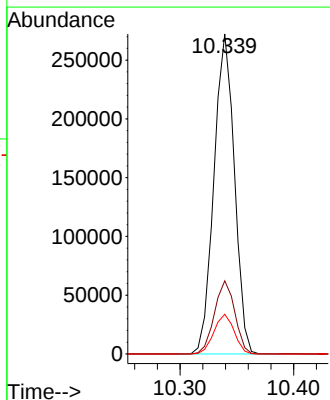
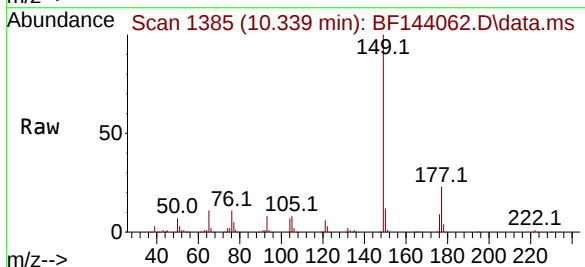
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

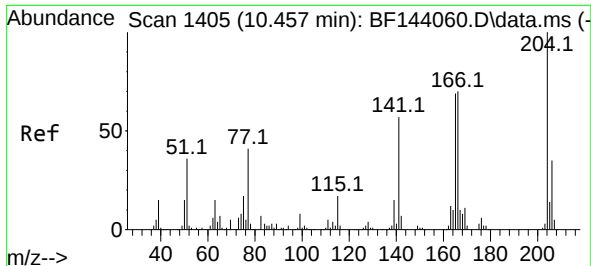
Tgt Ion:232 Resp: 96120
Ion Ratio Lower Upper
232 100
131 41.6 31.9 47.9
130 1.8 1.1 1.7#
166 26.7 21.0 31.4



#60
Diethylphthalate
Concen: 57.141 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:149 Resp: 340933
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.4 10.1 15.1

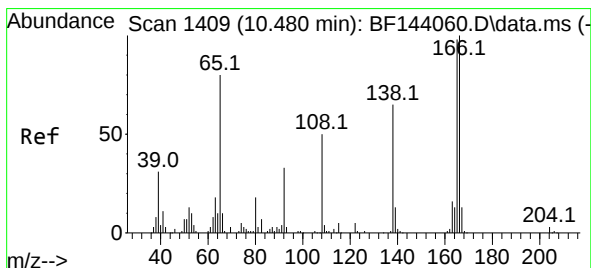
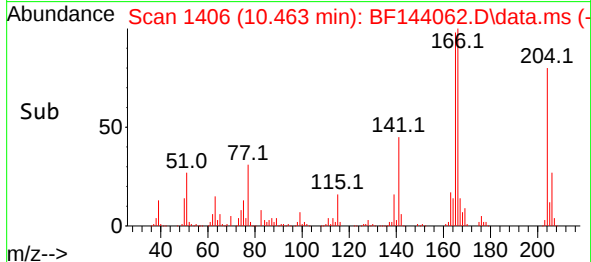
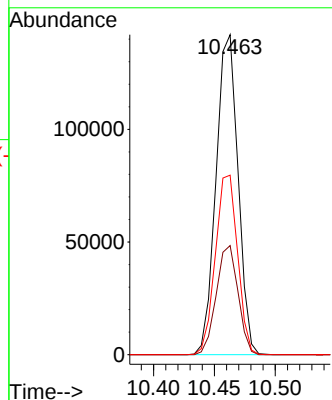
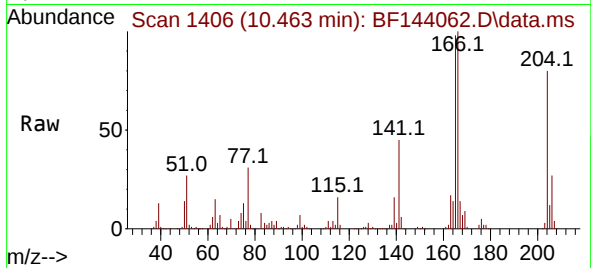




#61
4-Chlorophenyl-phenylether
Concen: 57.389 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

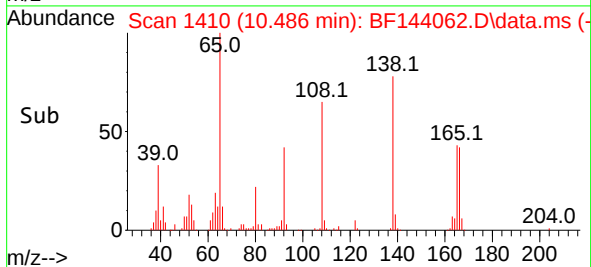
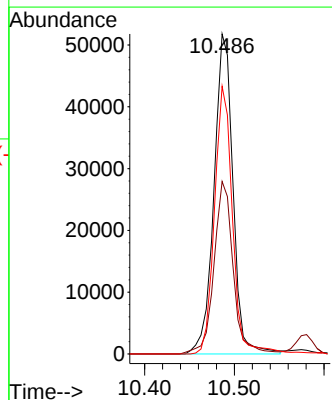
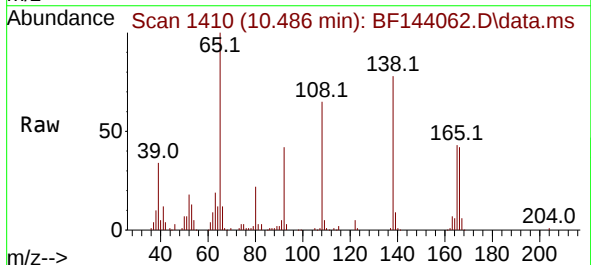
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

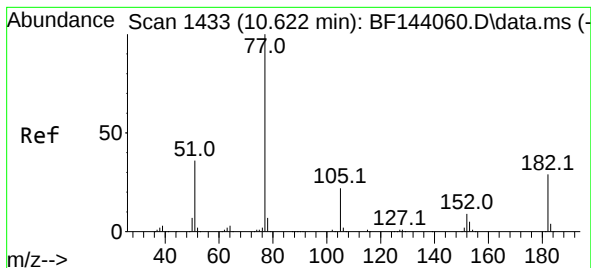
Tgt Ion:204 Resp: 178448
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.6
141 56.1 45.4 68.2



#62
4-Nitroaniline
Concen: 57.549 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:138 Resp: 76039
Ion Ratio Lower Upper
138 100
92 53.9 30.5 70.5
108 83.7 56.2 96.2





#63

Azobenzene

Concen: 57.793 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 326368

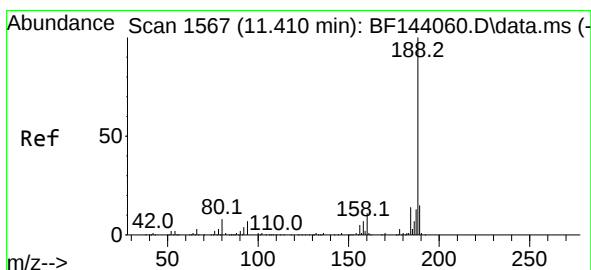
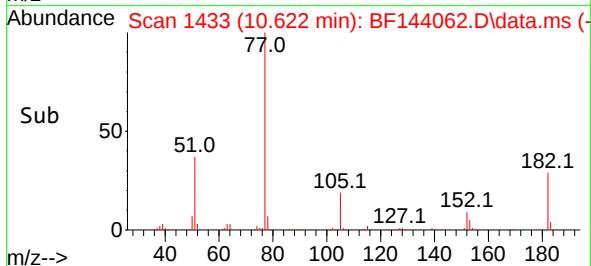
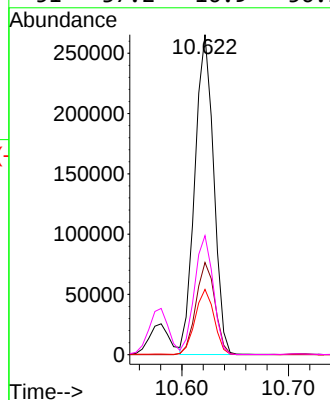
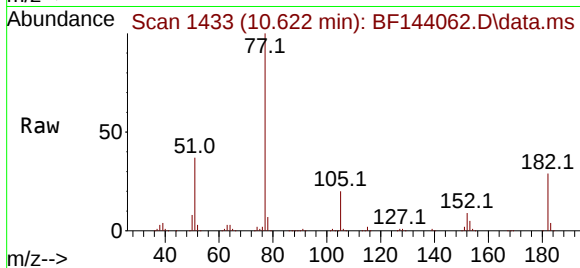
Ion Ratio Lower Upper

77 100

182 28.8 9.0 49.0

105 20.4 1.4 41.4

51 37.2 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: BF144062.D

Acq: 24 Oct 2025 14:03

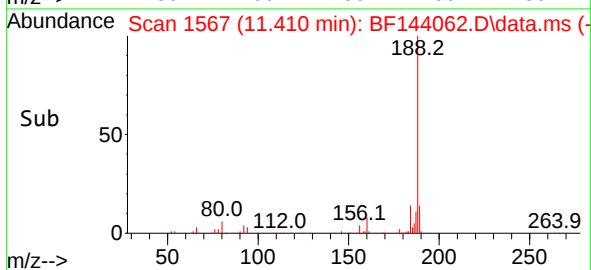
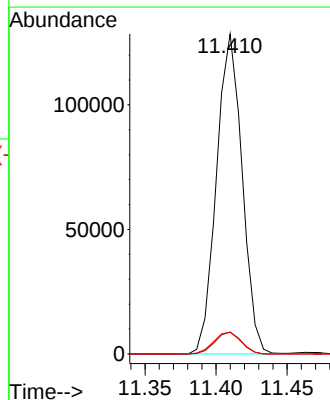
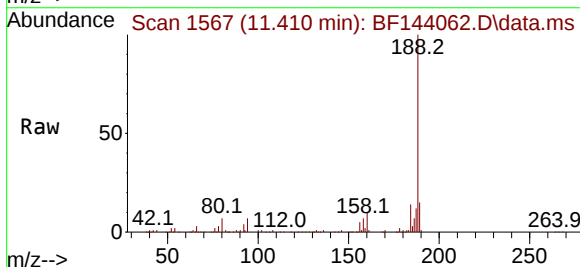
Tgt Ion:188 Resp: 161418

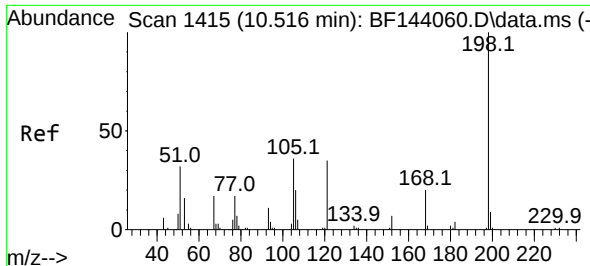
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 6.8 6.0 9.0

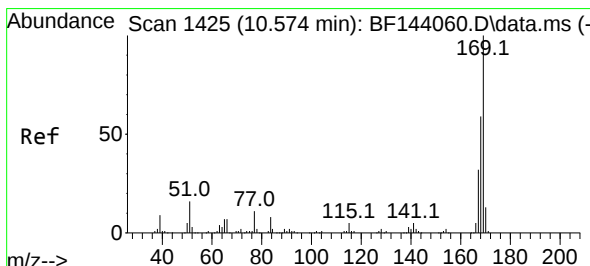
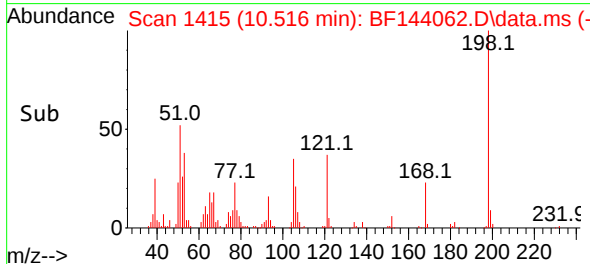
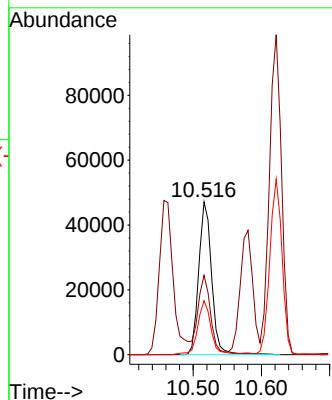
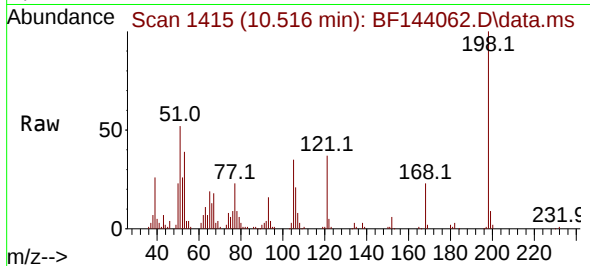




#65
4,6-Dinitro-2-methylphenol
Concen: 59.675 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

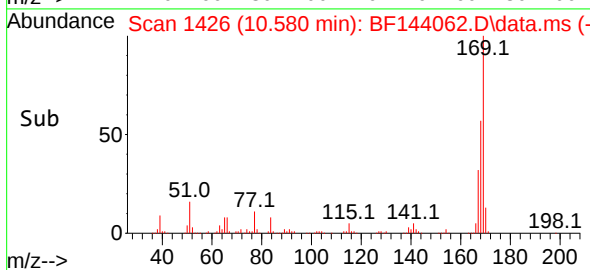
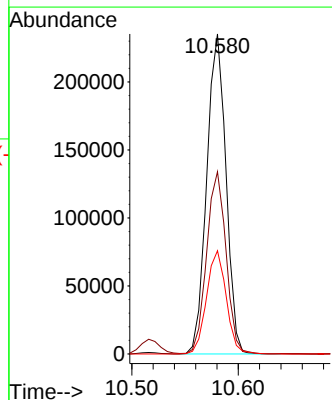
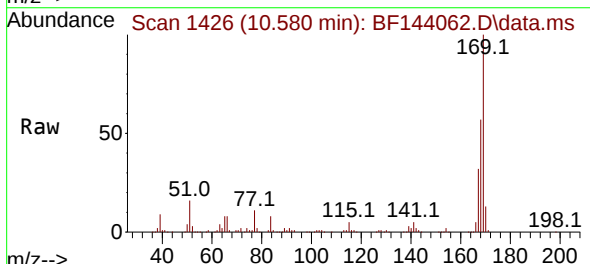
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

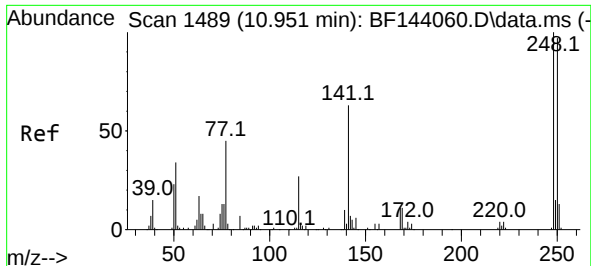
Tgt Ion:198 Resp: 61801
Ion Ratio Lower Upper
198 100
51 52.0 25.8 65.8
105 35.3 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 57.401 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:169 Resp: 296038
Ion Ratio Lower Upper
169 100
168 56.9 47.4 71.2
167 32.3 25.5 38.3

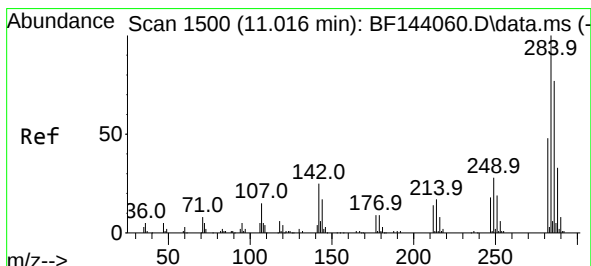
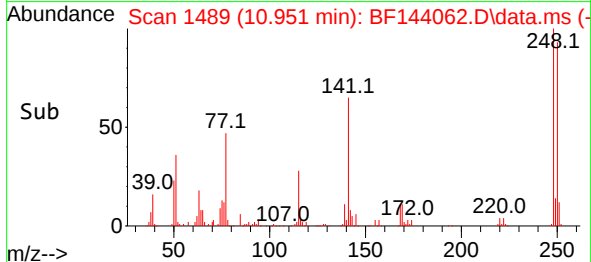
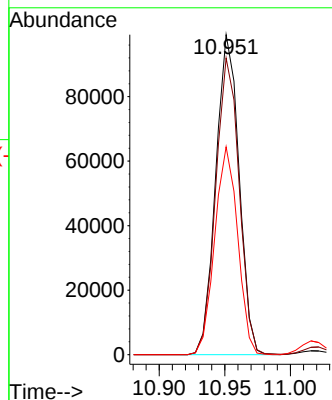
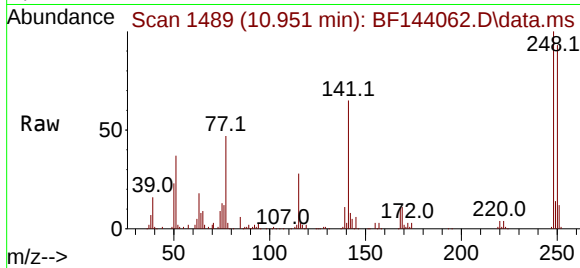




#67
4-Bromophenyl-phenylether
Concen: 60.585 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

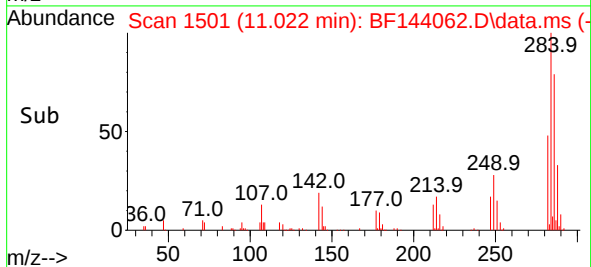
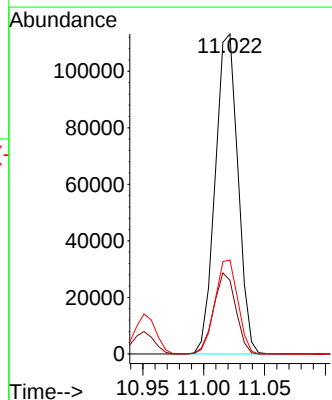
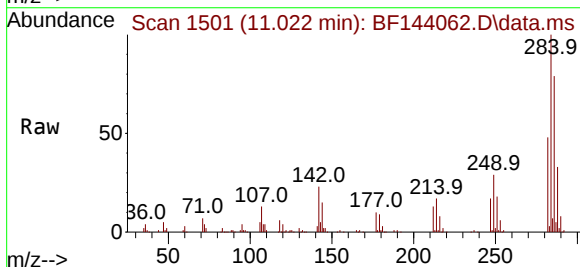
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

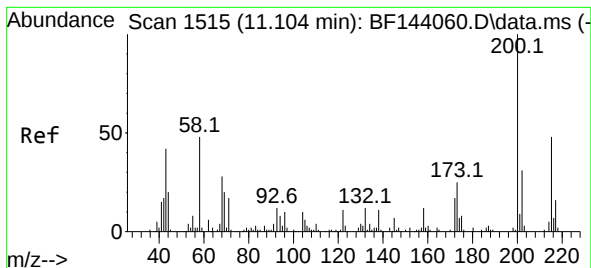
Tgt Ion:248 Resp: 122445
Ion Ratio Lower Upper
248 100
250 92.7 77.8 116.6
141 64.9 50.5 75.7



#68
Hexachlorobenzene
Concen: 59.416 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:284 Resp: 147271
Ion Ratio Lower Upper
284 100
142 23.0 20.0 30.0
249 29.3 22.2 33.2





#69

Atrazine

Concen: 58.159 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

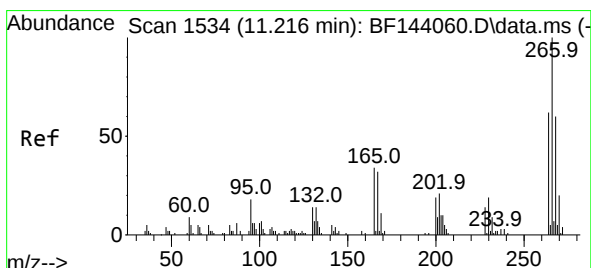
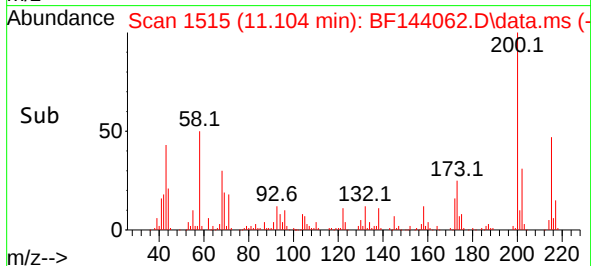
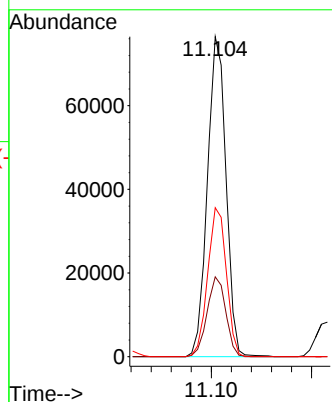
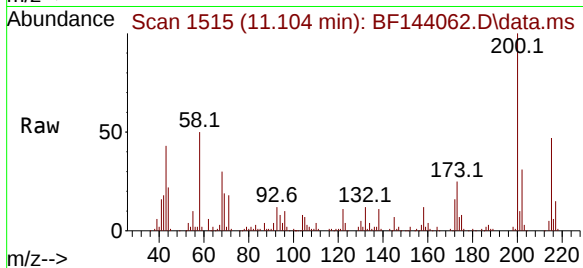
Tgt Ion:200 Resp: 98426

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 46.6 28.2 68.2



#70

Pentachlorophenol

Concen: 62.229 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

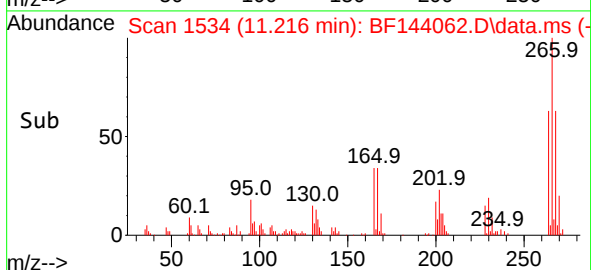
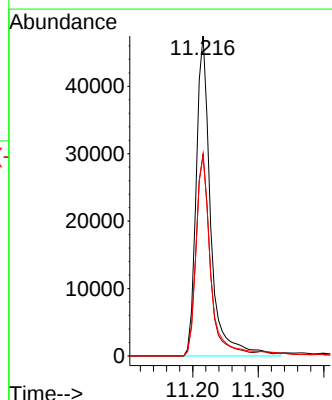
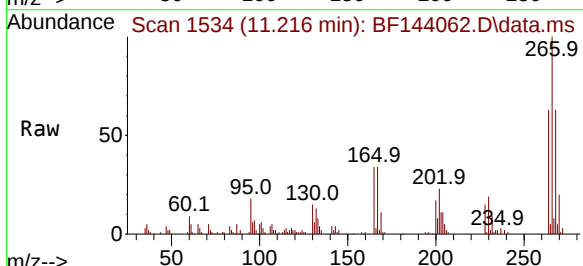
Tgt Ion:266 Resp: 73420

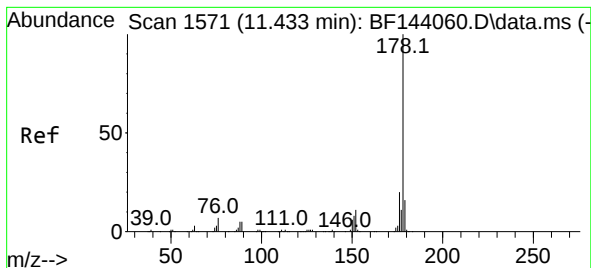
Ion Ratio Lower Upper

266 100

268 63.1 48.2 72.4

264 62.8 49.4 74.0





#71

Phenanthrene

Concen: 58.117 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

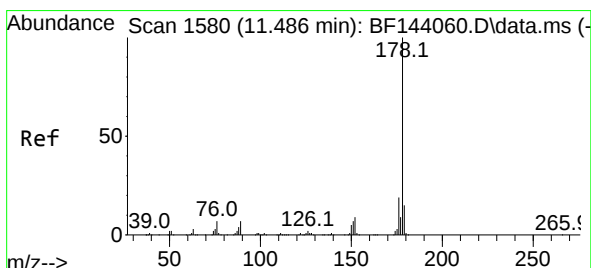
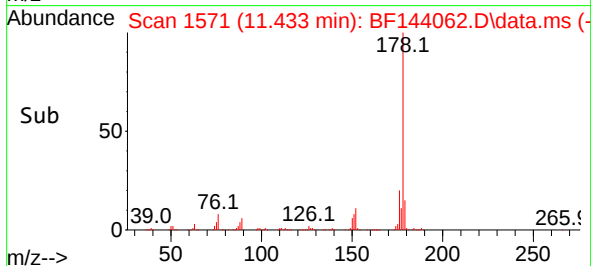
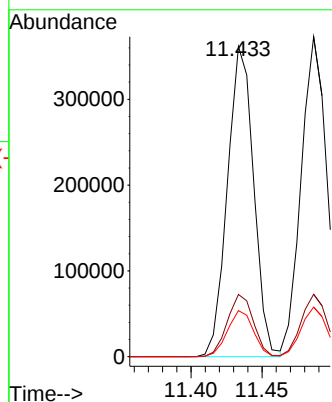
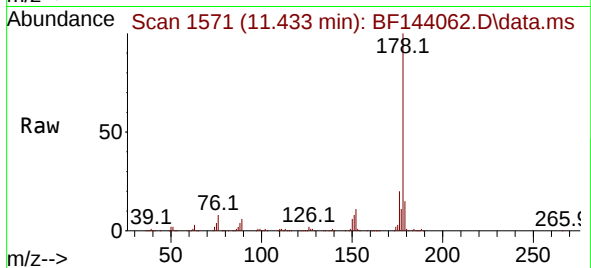
Tgt Ion:178 Resp: 466009

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

179 14.8 12.6 18.8



#72

Anthracene

Concen: 56.754 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

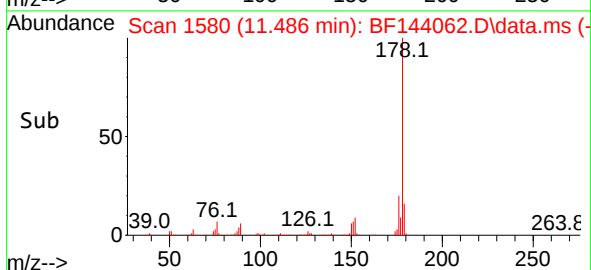
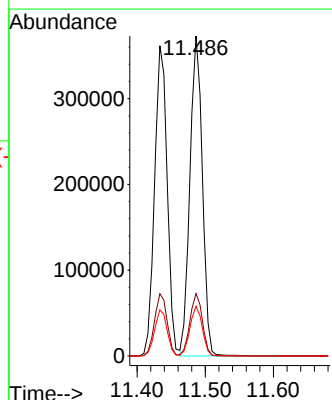
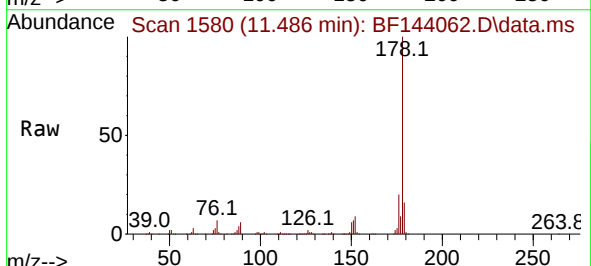
Tgt Ion:178 Resp: 470111

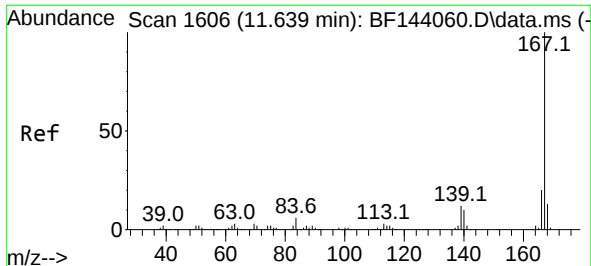
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

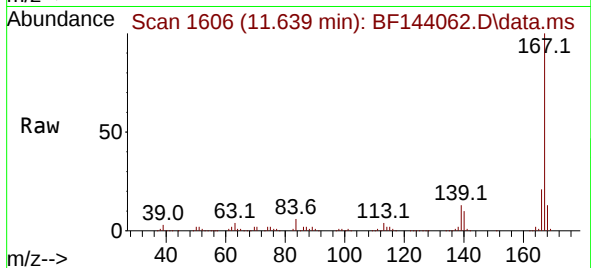
179 15.5 11.8 17.6





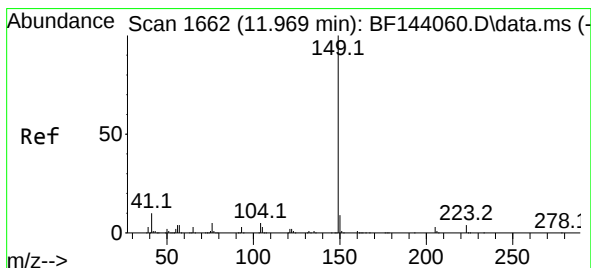
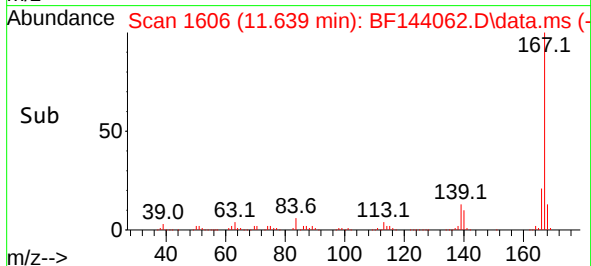
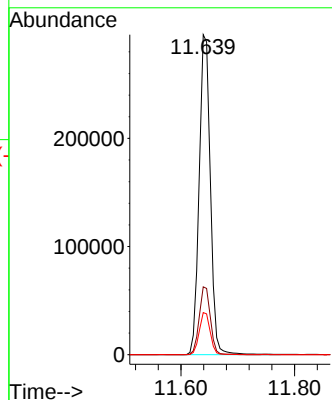
#73
 Carbazole
 Concen: 57.712 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060



Tgt Ion:167 Resp: 406897

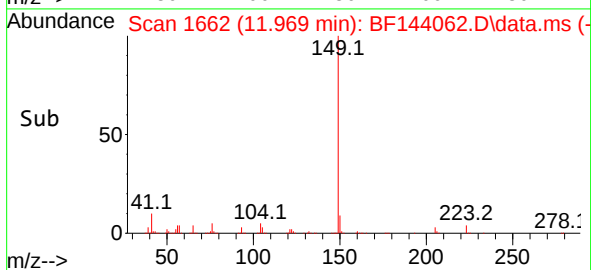
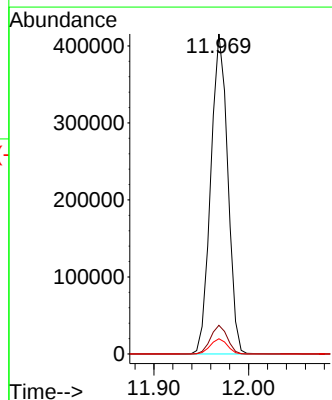
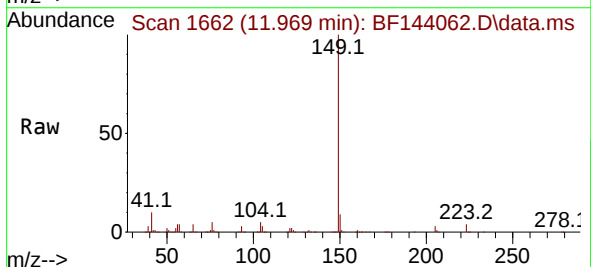
Ion	Ratio	Lower	Upper
167	100		
166	21.2	16.1	24.1
139	13.2	9.8	14.6

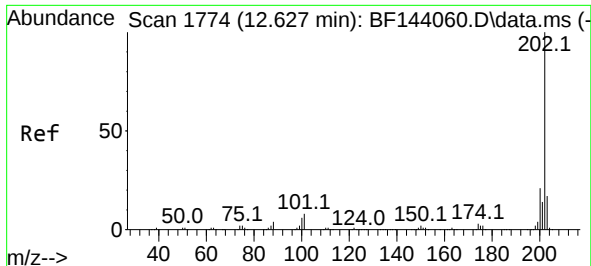


#74
 Di-n-butylphthalate
 Concen: 59.750 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

Tgt Ion:149 Resp: 516487

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.8	3.6	5.4

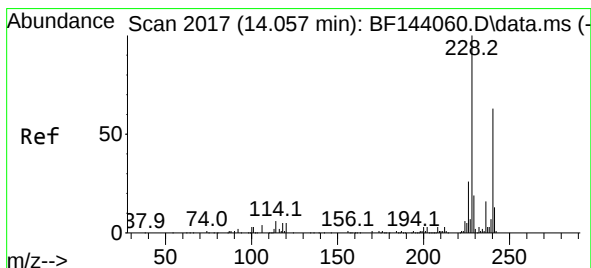
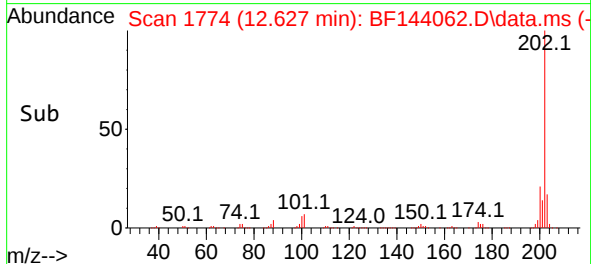
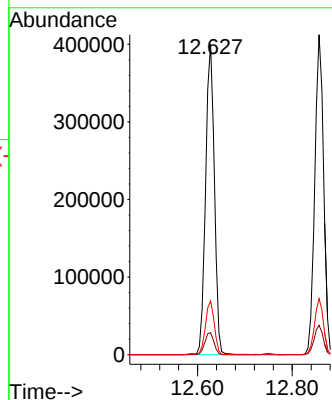
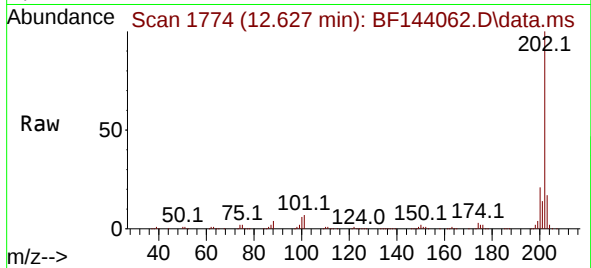




#75
Fluoranthene
Concen: 58.010 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

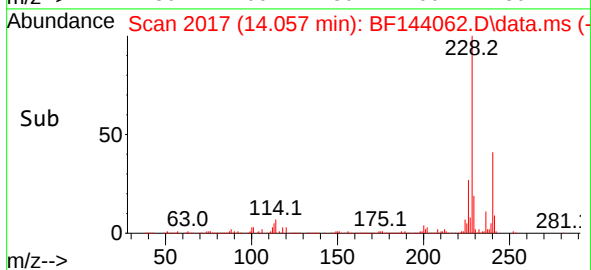
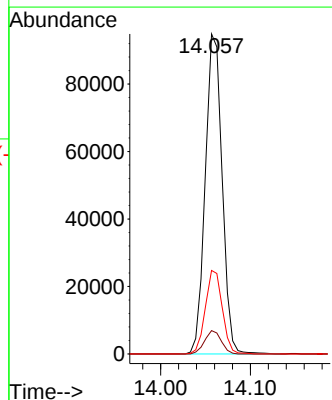
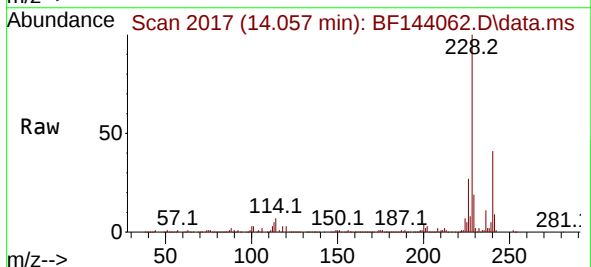
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

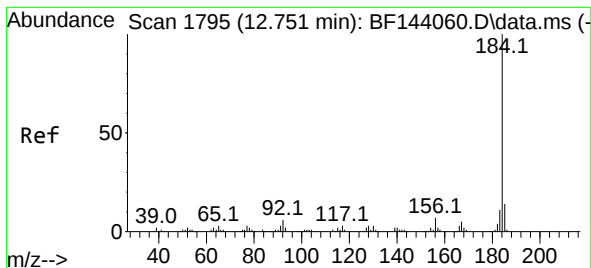
Tgt Ion:202 Resp: 513907
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.7
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:240 Resp: 123921
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 26.1 20.1 30.1





#77

Benzidine

Concen: 75.353 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

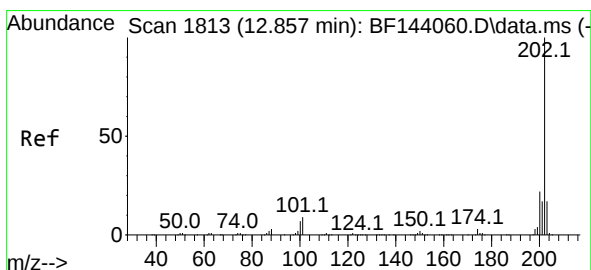
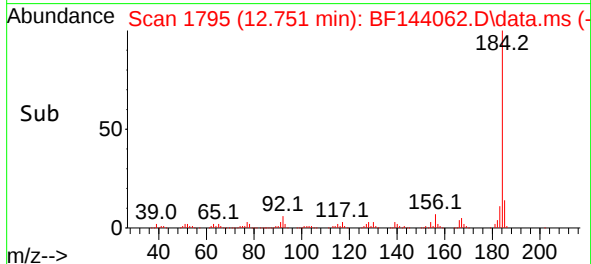
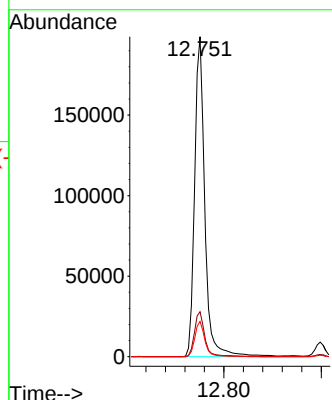
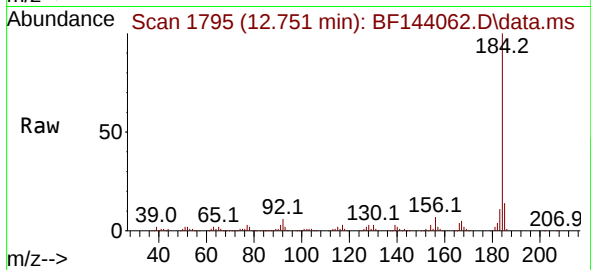
Tgt Ion:184 Resp: 290609

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.0 8.5 12.7



#78

Pyrene

Concen: 60.080 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

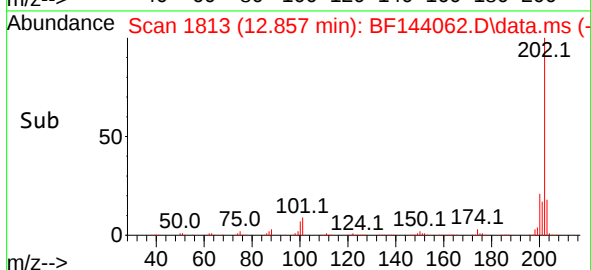
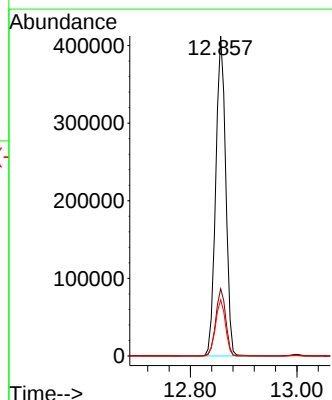
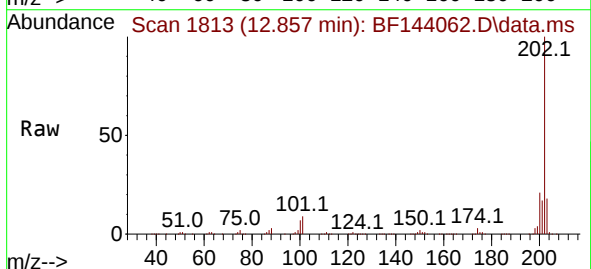
Tgt Ion:202 Resp: 535252

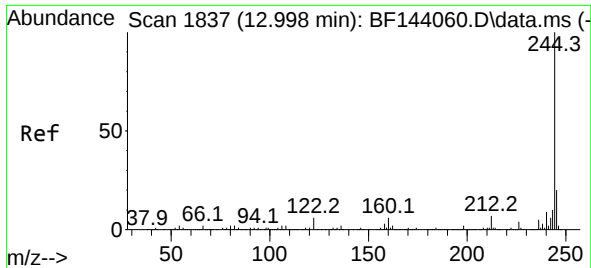
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.5 13.5 20.3

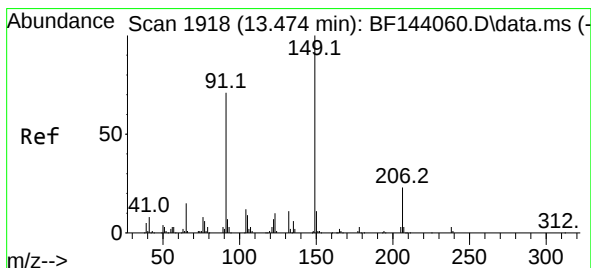
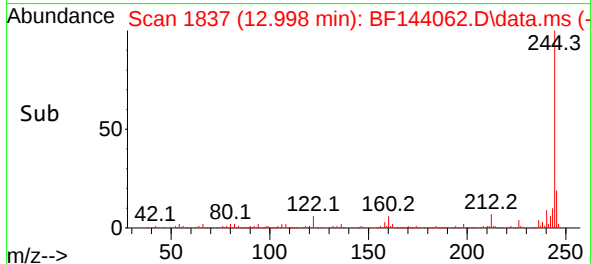
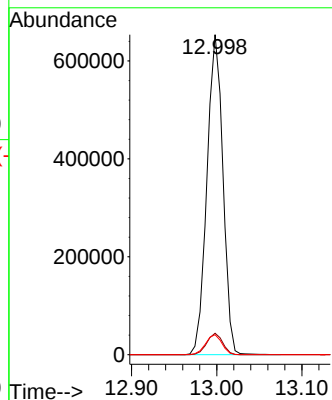
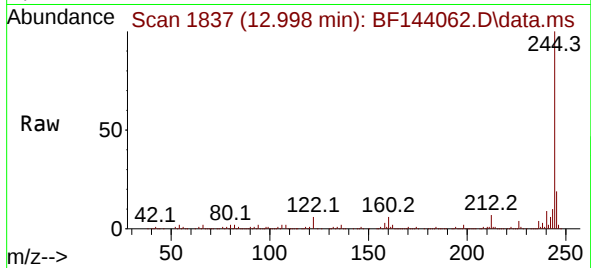




#79
 Terphenyl-d14
 Concen: 120.227 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

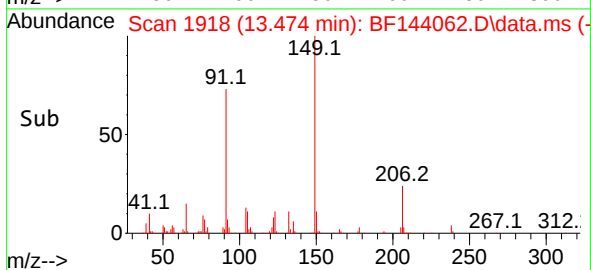
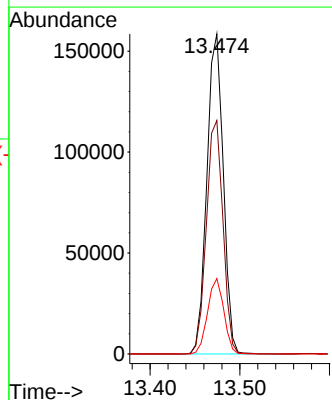
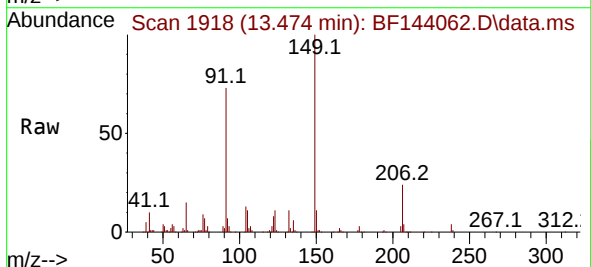
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

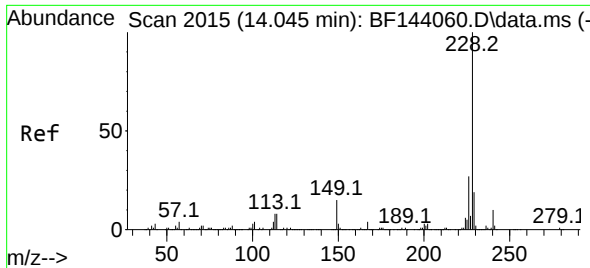
Tgt Ion:244 Resp: 852221
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 6.2 4.9 7.3



#80
 Butylbenzylphthalate
 Concen: 59.747 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF144062.D
 Acq: 24 Oct 2025 14:03

Tgt Ion:149 Resp: 201374
 Ion Ratio Lower Upper
 149 100
 91 72.9 56.6 84.8
 206 23.5 18.3 27.5

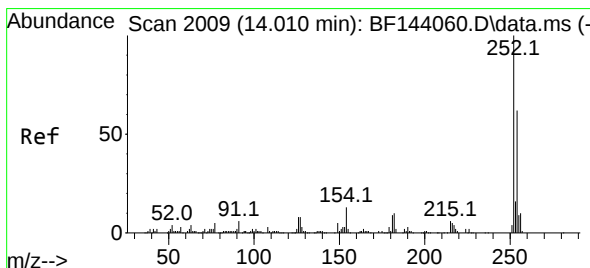
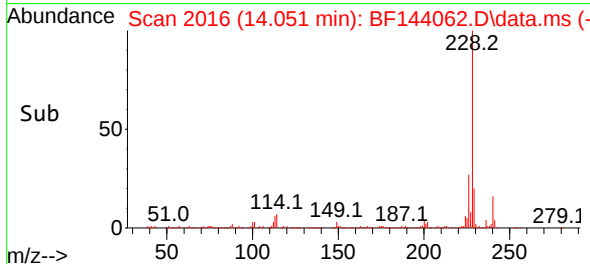
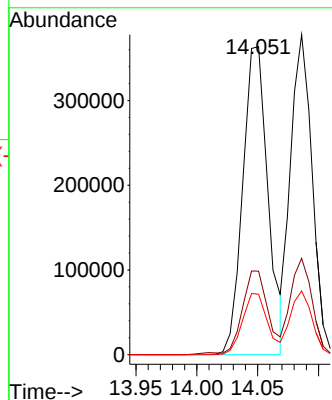
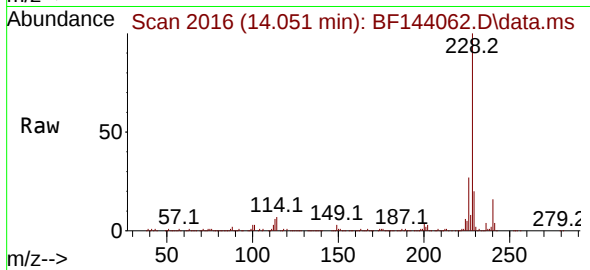




#81
Benzo(a)anthracene
Concen: 62.737 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

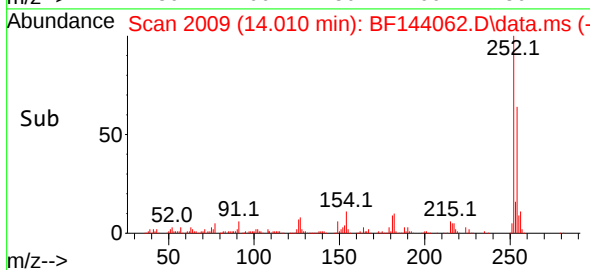
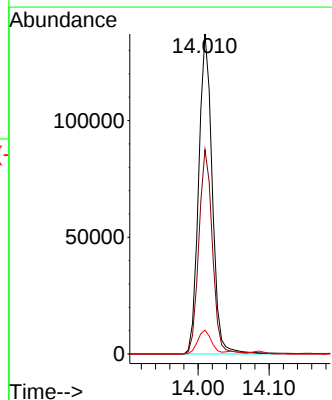
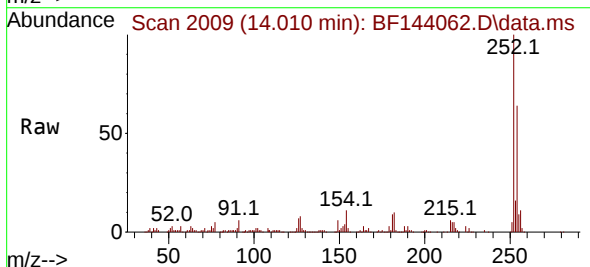
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

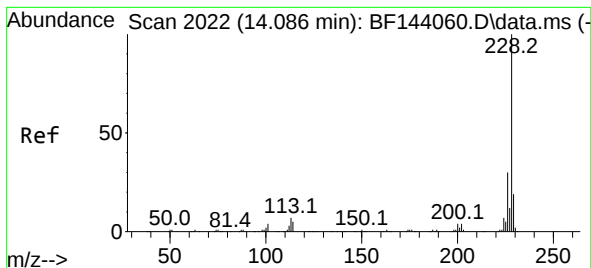
Tgt Ion:228 Resp: 525400
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.6 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 62.564 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:252 Resp: 182388
Ion Ratio Lower Upper
252 100
254 63.9 49.9 74.9
126 7.5 6.5 9.7





#83

Chrysene

Concen: 59.697 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

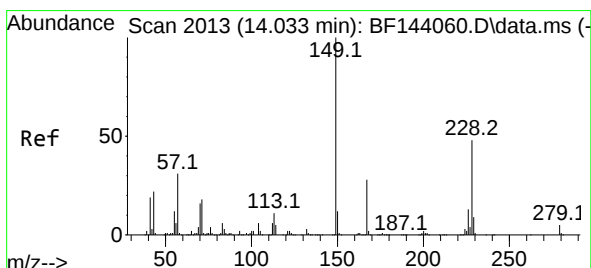
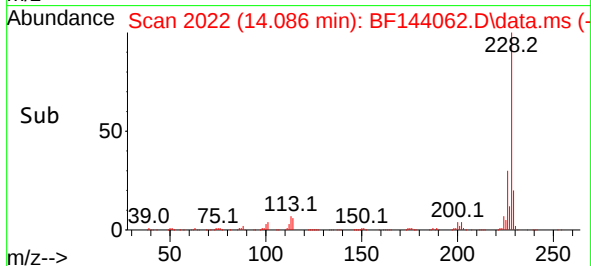
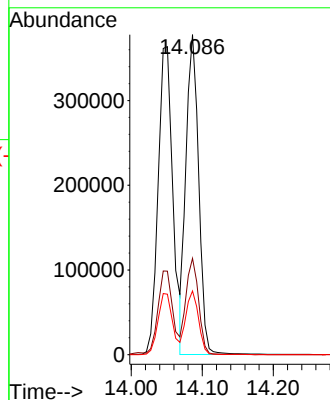
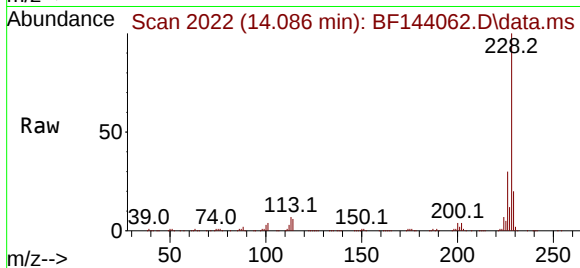
Tgt Ion:228 Resp: 469140

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.6

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.572 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

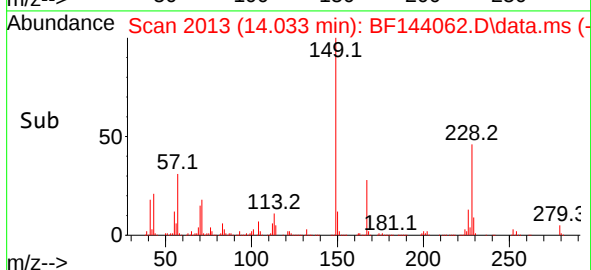
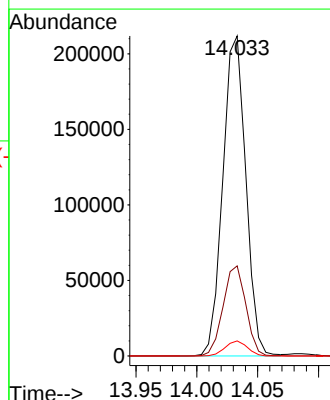
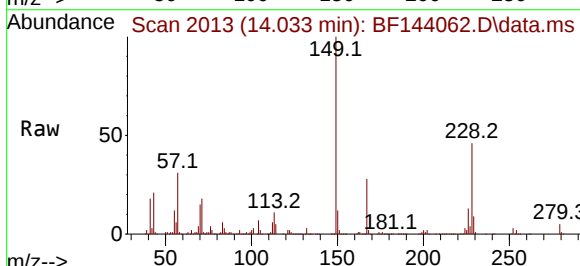
Tgt Ion:149 Resp: 278705

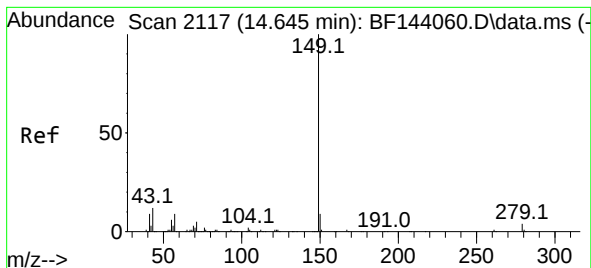
Ion Ratio Lower Upper

149 100

167 28.2 22.5 33.7

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 62.281 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

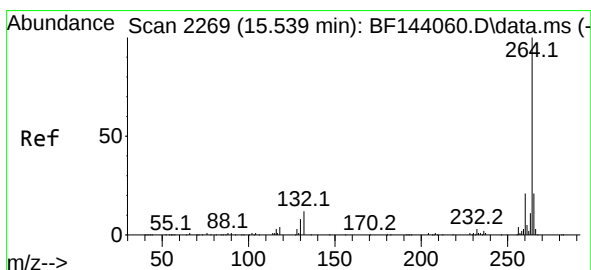
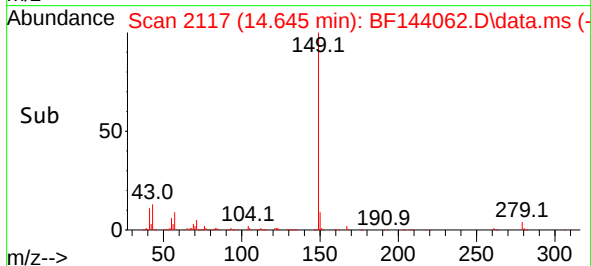
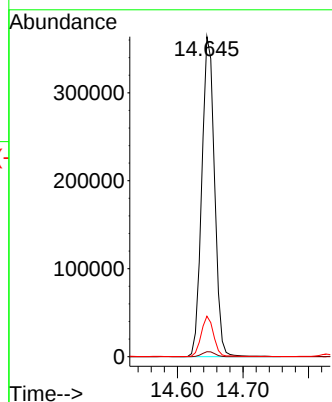
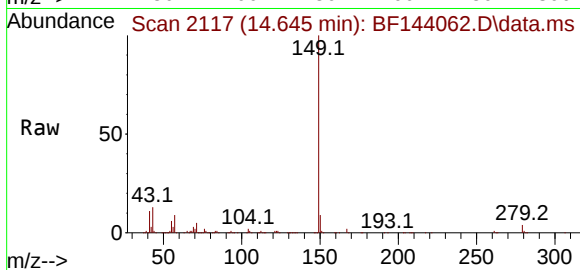
Tgt Ion:149 Resp: 492821

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

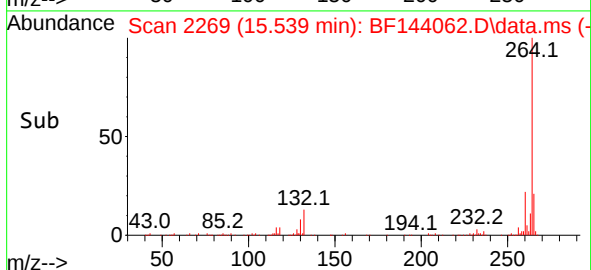
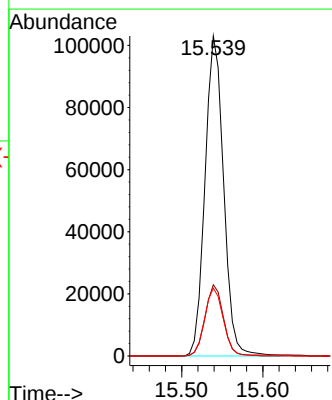
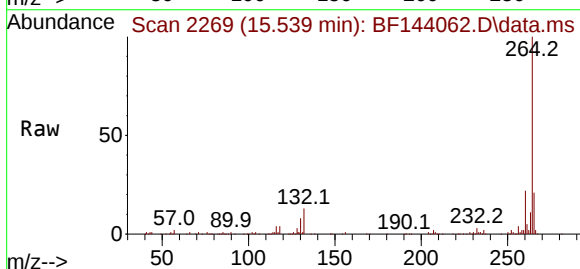
Tgt Ion:264 Resp: 163627

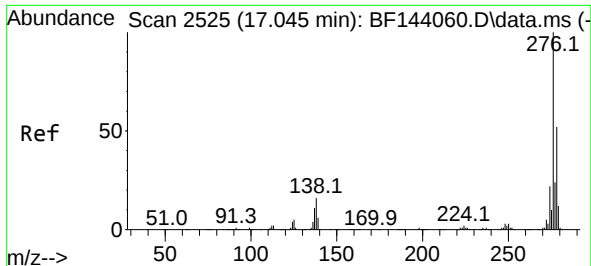
Ion Ratio Lower Upper

264 100

260 22.2 17.0 25.4

265 21.2 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.647 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

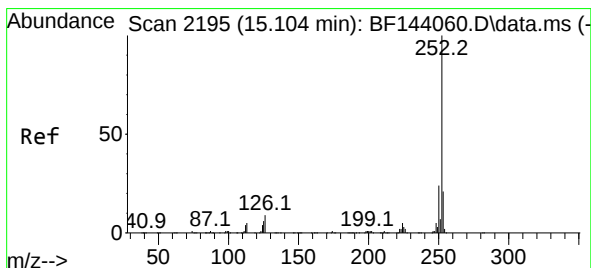
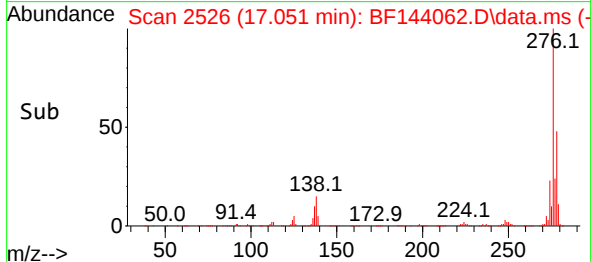
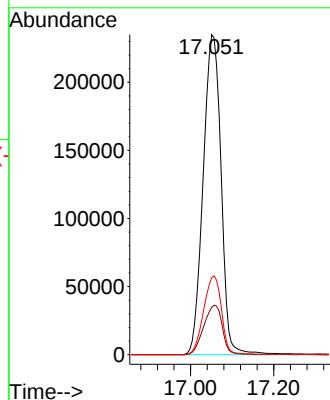
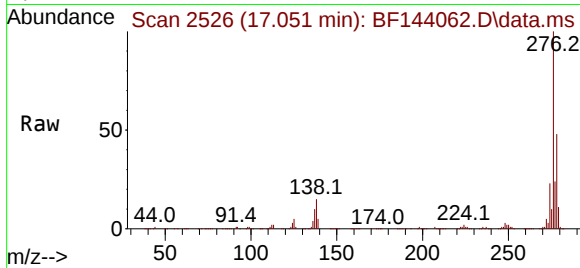
Tgt Ion:276 Resp: 703773

Ion Ratio Lower Upper

276 100

138 16.1 13.0 19.6

277 24.5 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 58.860 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144062.D

Acq: 24 Oct 2025 14:03

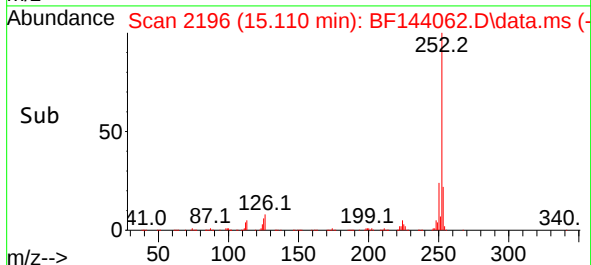
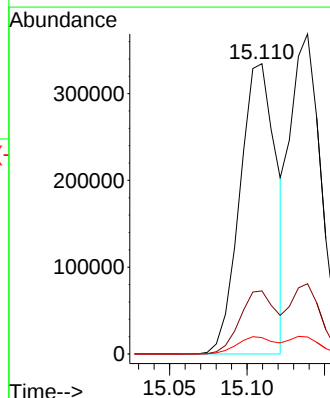
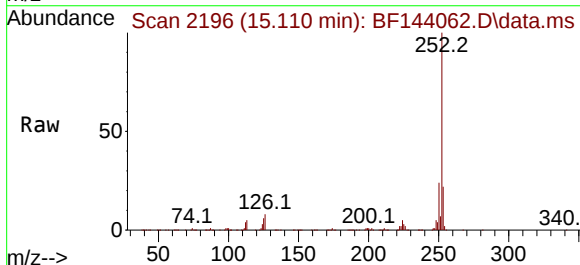
Tgt Ion:252 Resp: 544477

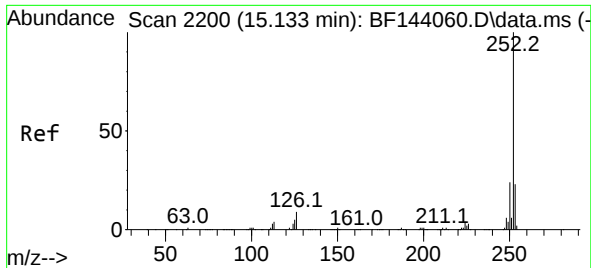
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.6 5.0 7.6

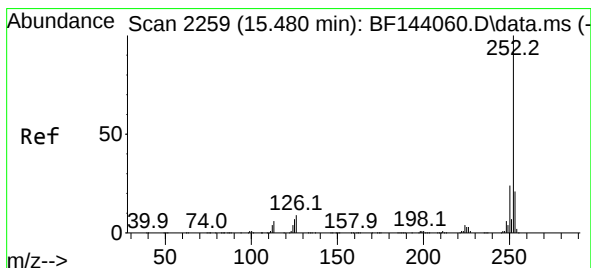
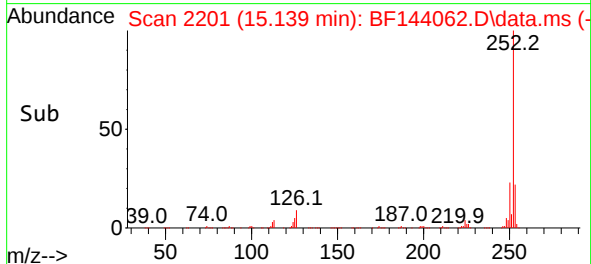
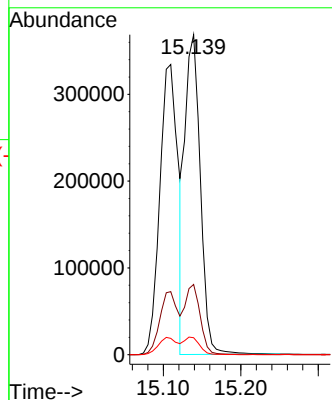
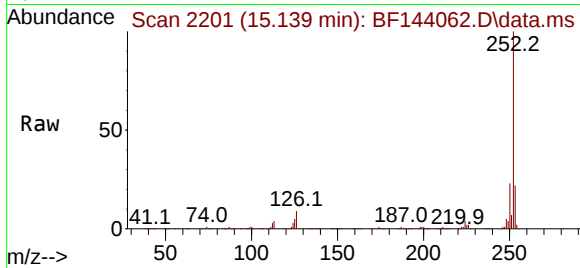




#89
Benzo(k)fluoranthene
Concen: 59.626 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

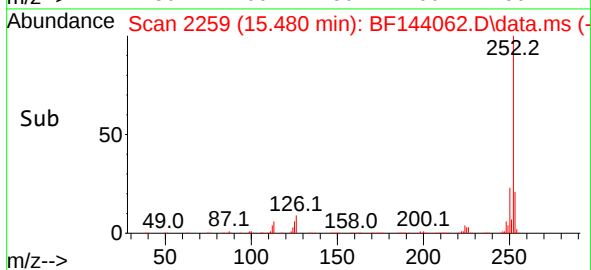
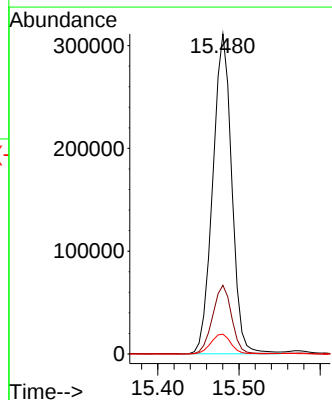
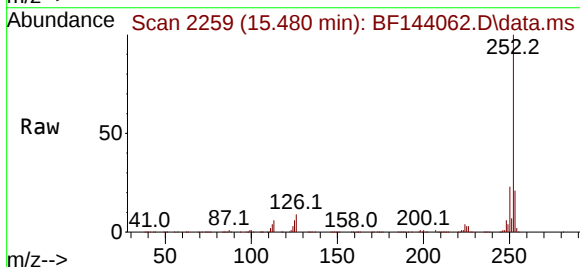
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

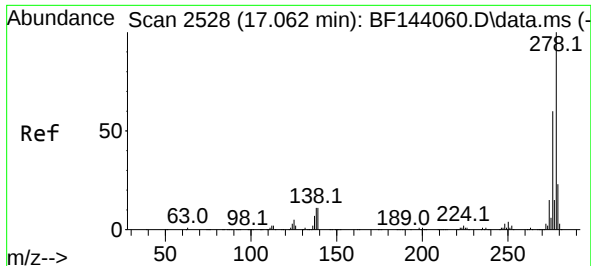
Tgt Ion:252 Resp: 508889
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 5.3 4.9 7.3



#90
Benzo(a)pyrene
Concen: 60.927 ng
RT: 15.480 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:252 Resp: 505624
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 6.2 5.4 8.2

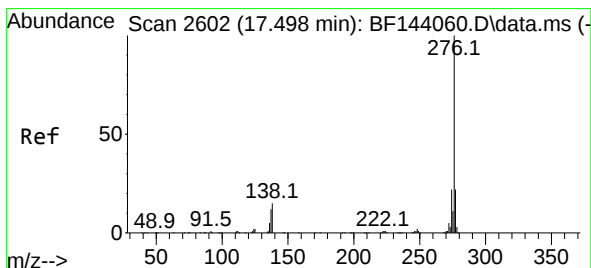
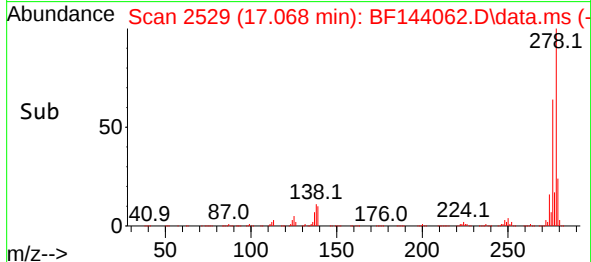
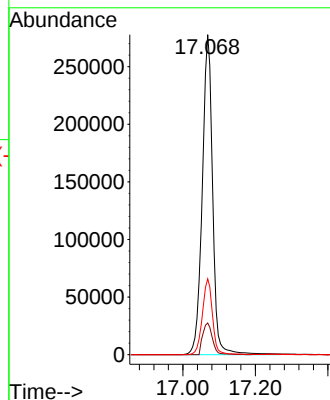
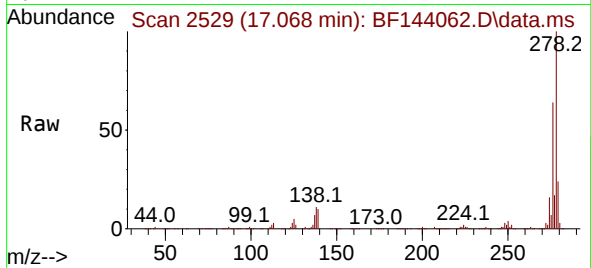




#91
Dibenzo(a,h)anthracene
Concen: 62.132 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 552508
Ion Ratio Lower Upper
278 100
139 9.9 8.5 12.7
279 23.7 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 64.006 ng
RT: 17.509 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144062.D
Acq: 24 Oct 2025 14:03

Tgt Ion:276 Resp: 572243
Ion Ratio Lower Upper
276 100
277 22.9 17.9 26.9
138 14.1 12.0 18.0

