

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141176.D
 Acq On : 15 Jan 2025 16:40
 Operator : RC/JU
 Sample : Q1068-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD

Quant Time: Jan 15 17:10:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	143081	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	569188	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	294771	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	427420	20.000	ng	0.00
76) Chrysene-d12	13.992	240	307236	20.000	ng	0.00
86) Perylene-d12	15.468	264	256318	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	687064	74.180	ng	0.00
7) Phenol-d6	6.445	99	1035177	88.232	ng	0.00
23) Nitrobenzene-d5	7.381	82	666857	62.104	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	124689	37.124	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1207713	62.565	ng	0.00
79) Terphenyl-d14	12.933	244	1080678	52.280	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	99902	24.221	ng	99
3) Pyridine	3.316	79	249451	24.663	ng	96
4) n-Nitrosodimethylamine	3.257	42	144877	29.295	ng	98
6) Aniline	6.481	93	163222	15.670	ng	97
8) 2-Chlorophenol	6.604	128	300320	30.222	ng	96
9) Benzaldehyde	6.369	77	40776	5.901	ng	94
10) Phenol	6.463	94	396493	31.570	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	295551	31.577	ng	97
12) 1,3-Dichlorobenzene	6.763	146	316476	28.555	ng	98
13) 1,4-Dichlorobenzene	6.840	146	323869	28.999	ng	99
14) 1,2-Dichlorobenzene	6.992	146	315295	30.265	ng	97
15) Benzyl Alcohol	6.957	79	280336	33.086	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	390750	29.918	ng	97
17) 2-Methylphenol	7.069	107	253262	31.569	ng	99
18) Hexachloroethane	7.334	117	116502	28.846	ng	99
19) n-Nitroso-di-n-propyla...	7.234	70	214591	31.050	ng	98
20) 3+4-Methylphenols	7.222	107	324187	32.030	ng	# 87
22) Acetophenone	7.228	105	420478	31.075	ng	97
24) Nitrobenzene	7.404	77	325628	29.097	ng	97
25) Isophorone	7.639	82	583759	31.812	ng	99
26) 2-Nitrophenol	7.716	139	127008	24.949	ng	97
27) 2,4-Dimethylphenol	7.757	122	250815	36.528	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	356419	30.949	ng	99
29) 2,4-Dichlorophenol	7.957	162	236851	29.043	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	268865	28.843	ng	100
31) Naphthalene	8.128	128	948739	31.607	ng	100
32) Benzoic acid	7.869	122	10799m	1.639	ng	
33) 4-Chloroaniline	8.175	127	134518	12.958	ng	99
34) Hexachlorobutadiene	8.245	225	159147	28.334	ng	99
35) Caprolactam	8.522	113	81493	30.523	ng	96
36) 4-Chloro-3-methylphenol	8.651	107	284843	31.937	ng	98
37) 2-Methylnaphthalene	8.816	142	614978	32.151	ng	99
38) 1-Methylnaphthalene	8.916	142	571584	30.321	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	274538	32.449	ng	99
41) Hexachlorocyclopentadiene	8.969	237	121583	43.925	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	101888	17.856	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	137849	22.875	ng	99
46) 1,1'-Biphenyl	9.281	154	744386	32.517	ng	99
47) 2-Chloronaphthalene	9.304	162	549279	30.807	ng	99
48) 2-Nitroaniline	9.398	65	173916	32.905	ng	98
49) Acenaphthylene	9.722	152	977297	38.365	ng	99
50) Dimethylphthalate	9.581	163	646040	32.646	ng	99
51) 2,6-Dinitrotoluene	9.645	165	141448	30.737	ng	98
52) Acenaphthene	9.892	154	549398	30.870	ng	99
53) 3-Nitroaniline	9.810	138	118024	25.238	ng	100
54) 2,4-Dinitrophenol	9.916	184	5836	2.668	ng	# 1
55) Dibenzofuran	10.063	168	772302	31.903	ng	99
56) 4-Nitrophenol	9.963	139	89059	24.317	ng	99
57) 2,4-Dinitrotoluene	10.045	165	186784	31.495	ng	99
58) Fluorene	10.410	166	609361	32.401	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	66467	13.269	ng	99
60) Diethylphthalate	10.280	149	620252	32.105	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	289829	31.619	ng	98
62) 4-Nitroaniline	10.416	138	128687	28.115	ng	98
63) Azobenzene	10.563	77	634488	33.284	ng	95
65) 4,6-Dinitro-2-methylph...	10.451	198	11195	4.520	ng	83
66) n-Nitrosodiphenylamine	10.516	169	522412	37.894	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	173354	35.228	ng	97
68) Hexachlorobenzene	10.957	284	184199	33.626	ng	99
69) Atrazine	11.045	200	166855	44.950	ng	99
70) Pentachlorophenol	11.151	266	80199	22.862	ng	97
71) Phenanthrene	11.369	178	928440	40.461	ng	99
72) Anthracene	11.422	178	906732	40.638	ng	100
73) Carbazole	11.575	167	673943	32.941	ng	100
74) Di-n-butylphthalate	11.910	149	828354	35.379	ng	100
75) Fluoranthene	12.563	202	966493	42.207	ng	99
77) Benzidine	12.680	184	84383	14.811	ng	# 94
78) Pyrene	12.792	202	1159012	39.496	ng	99
80) Butylbenzylphthalate	13.410	149	305345	31.209	ng	99
81) Benzo(a)anthracene	13.980	228	820834	39.257	ng	95
82) 3,3'-Dichlorobenzidine	13.945	252	137413	20.639	ng	98
83) Chrysene	14.021	228	795763	40.674	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	407859	34.743	ng	100
85) Di-n-octyl phthalate	14.604	149	663939	37.454	ng	98
87) Indeno(1,2,3-cd)pyrene	16.927	276	619424	32.986	ng	96
88) Benzo(b)fluoranthene	15.045	252	796990	48.220	ng	99
89) Benzo(k)fluoranthene	15.068	252	562619m	40.280	ng	
90) Benzo(a)pyrene	15.404	252	714424	52.390	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	422648	27.827	ng	98
92) Benzo(g,h,i)perylene	17.368	276	551001	34.878	ng	99

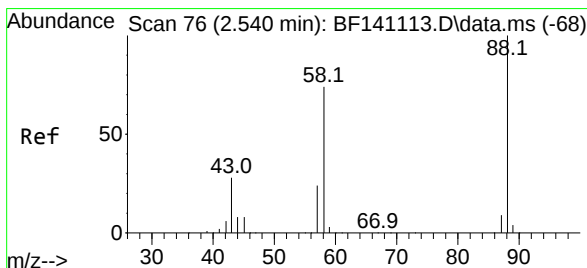
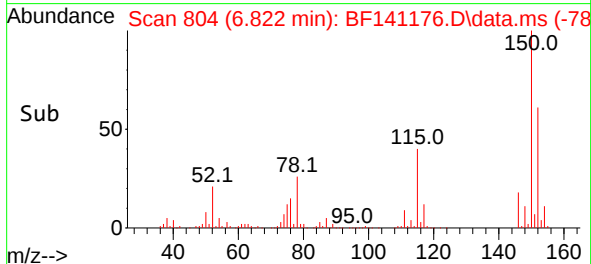
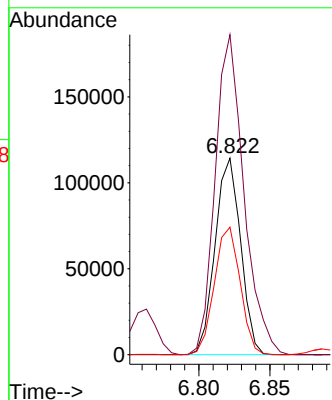
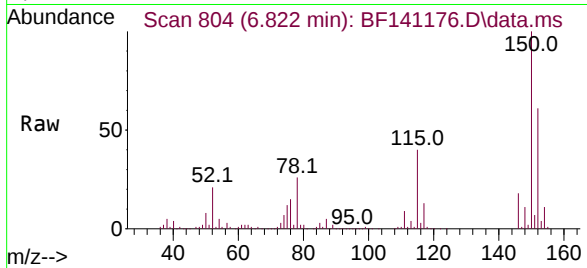
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141176.D
 Acq: 15 Jan 2025 16:40

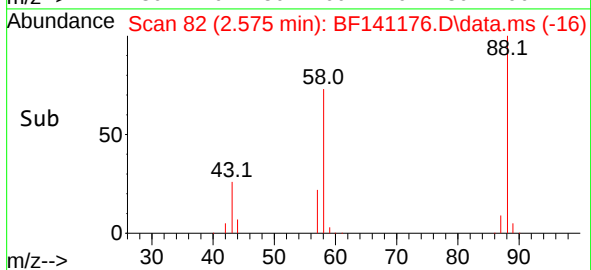
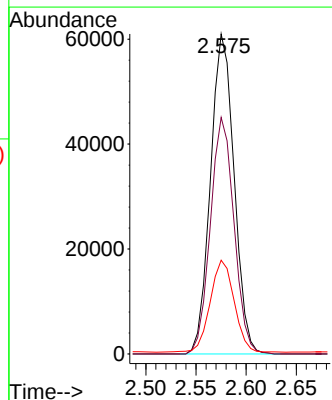
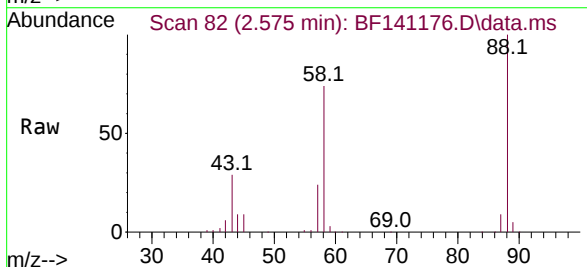
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD

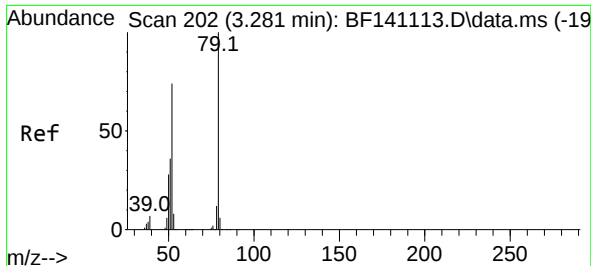
Tgt Ion:152 Resp: 143081
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.8 188.8
 115 64.9 51.4 77.2



#2
 1,4-Dioxane
 Concen: 24.221 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.035 min
 Lab File: BF141176.D
 Acq: 15 Jan 2025 16:40

Tgt Ion: 88 Resp: 99902
 Ion Ratio Lower Upper
 88 100
 58 73.9 60.1 90.1
 43 29.2 23.1 34.7

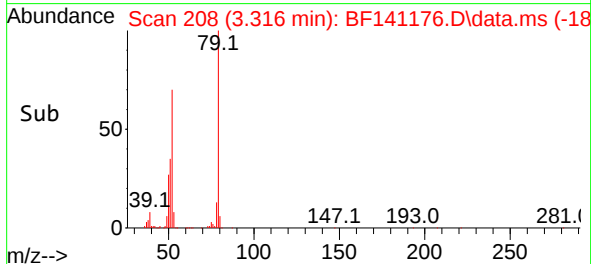
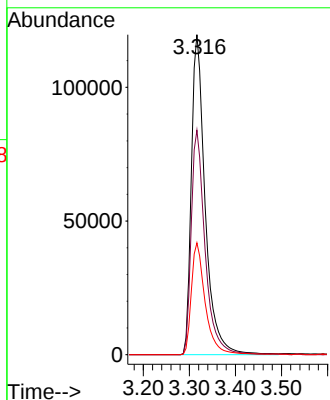
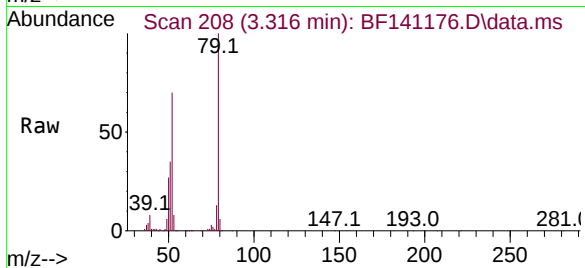




#3
Pyridine
Concen: 24.663 ng
RT: 3.316 min Scan# 20
Delta R.T. 0.035 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

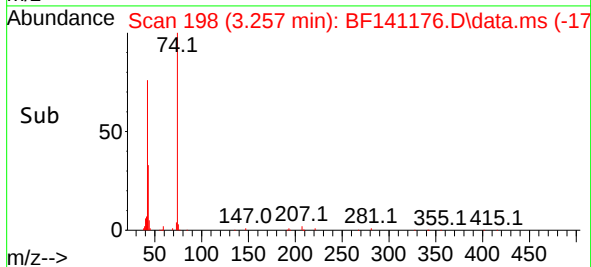
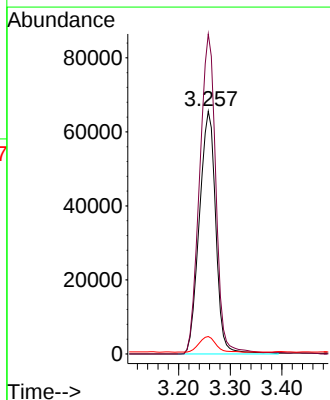
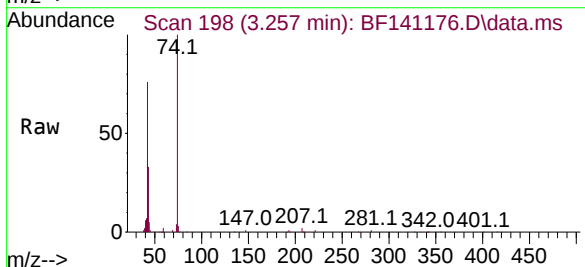
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion: 79 Resp: 249451
Ion Ratio Lower Upper
79 100
52 70.2 58.9 88.3
51 35.0 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 29.295 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.029 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion: 42 Resp: 144877
Ion Ratio Lower Upper
42 100
74 131.8 103.8 155.6
44 7.2 5.3 7.9

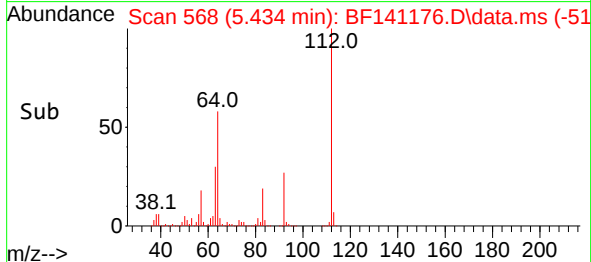
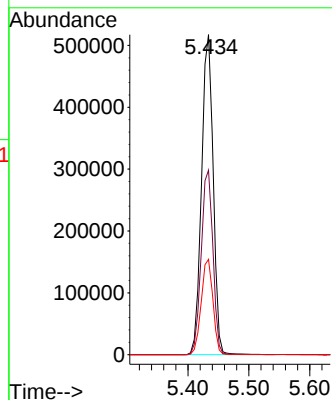
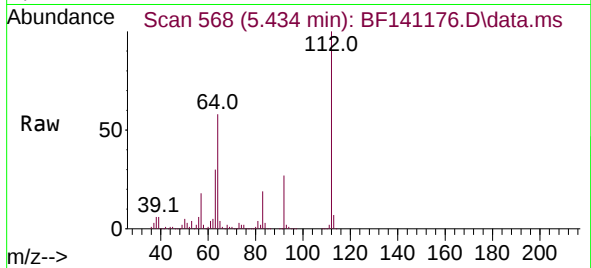




#5
2-Fluorophenol
Concen: 74.180 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

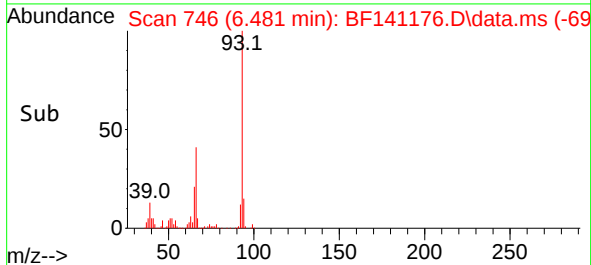
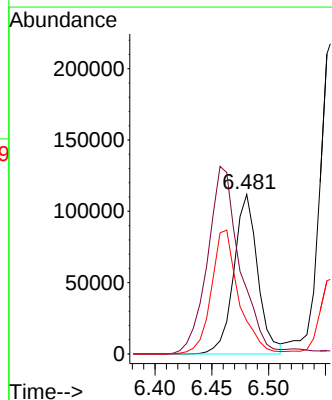
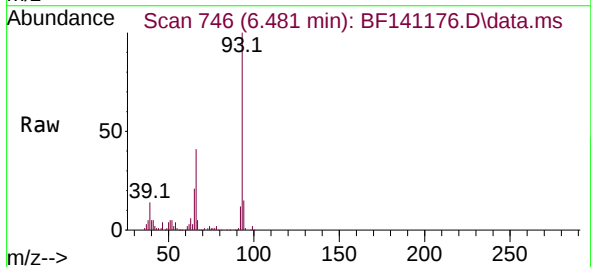
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:112 Resp: 687064
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 29.8 24.2 36.2



#6
Aniline
Concen: 15.670 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion: 93 Resp: 163222
Ion Ratio Lower Upper
93 100
66 40.7 31.5 47.3
65 20.7 15.3 22.9



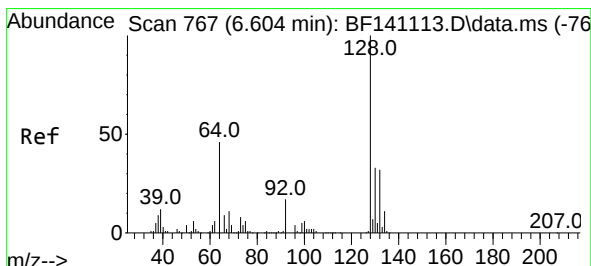
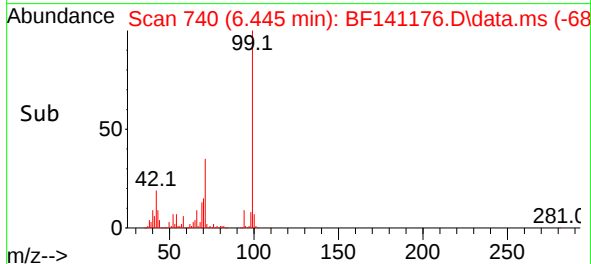
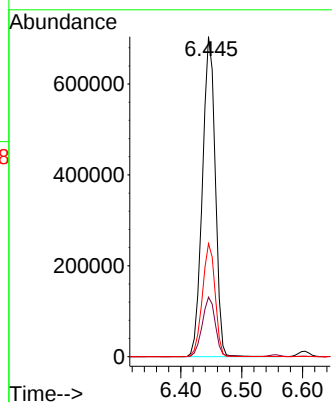
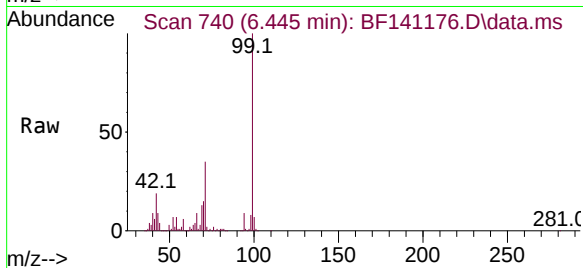


#7
Phenol-d6
Concen: 88.232 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion: 99 Resp: 1035177

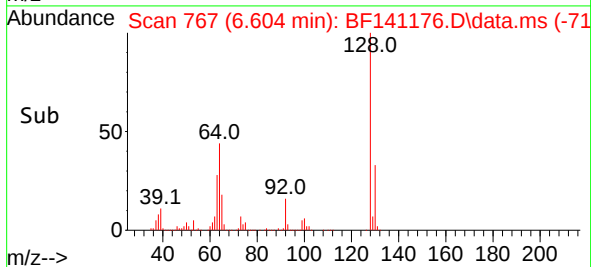
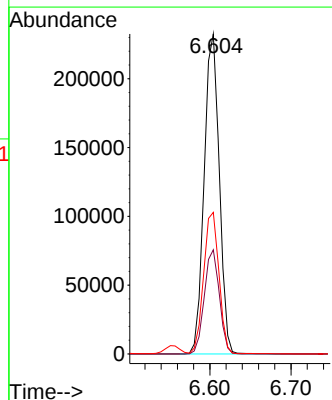
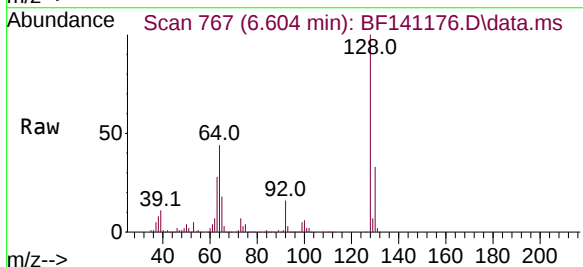
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	35.4	27.6	41.4

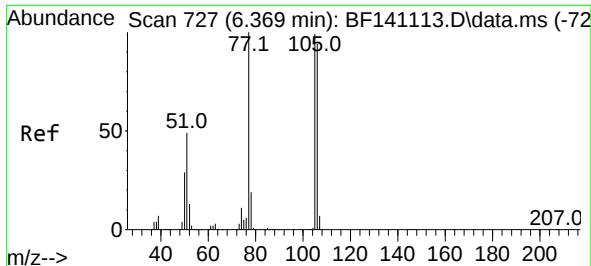


#8
2-Chlorophenol
Concen: 30.222 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion: 128 Resp: 300320

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	44.2	28.3	68.3





#9

Benzaldehyde

Concen: 5.901 ng

RT: 6.369 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

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BNA_F

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TR-06-1-10-2025MSD

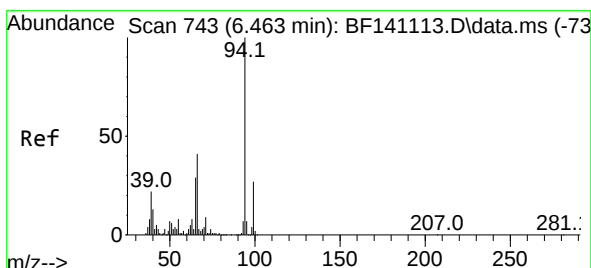
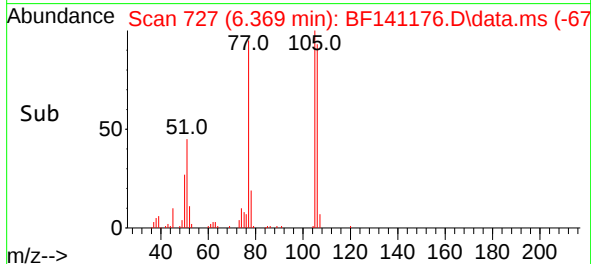
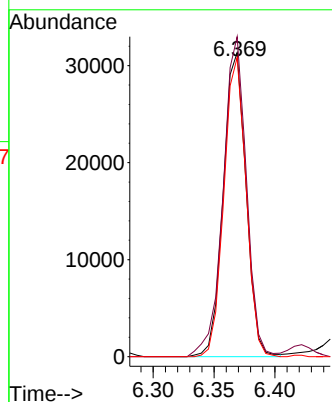
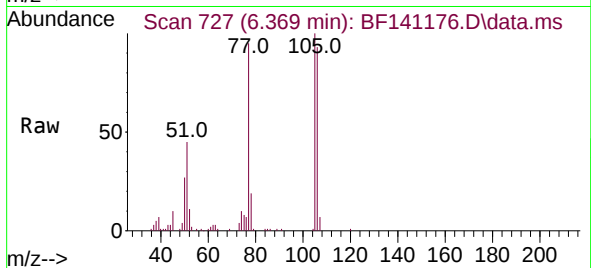
Tgt Ion: 77 Resp: 40776

Ion Ratio Lower Upper

77 100

105 105.2 78.9 118.9

106 98.4 73.6 113.6



#10

Phenol

Concen: 31.570 ng

RT: 6.463 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

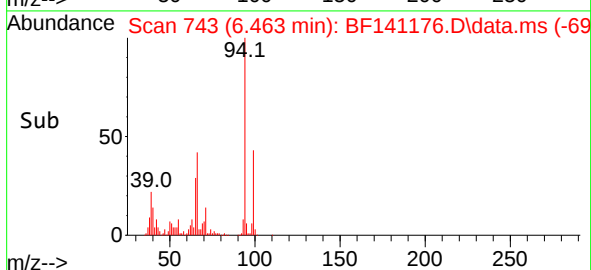
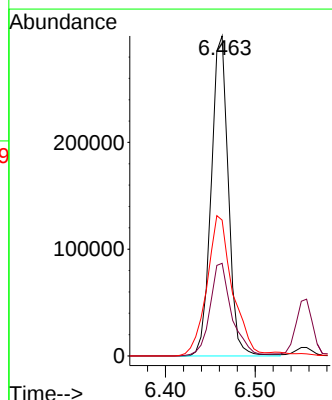
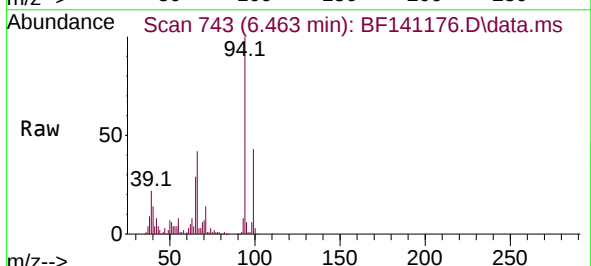
Tgt Ion: 94 Resp: 396493

Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

66 42.4 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 31.577 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

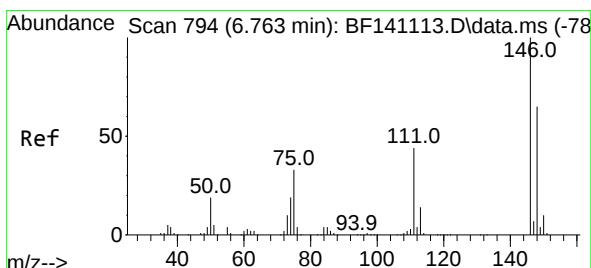
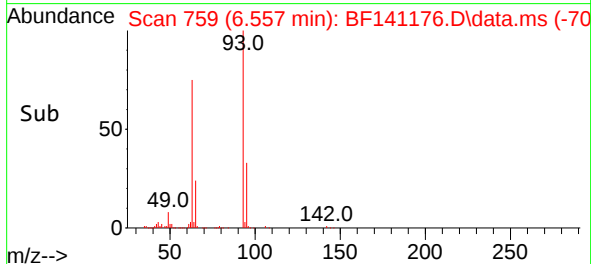
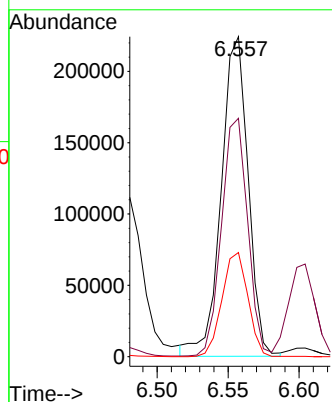
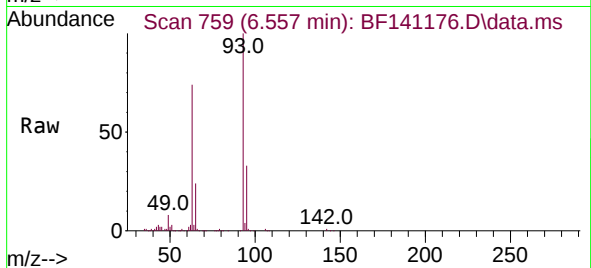
Tgt Ion: 93 Resp: 295551

Ion Ratio Lower Upper

93 100

63 74.5 58.0 98.0

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 28.555 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

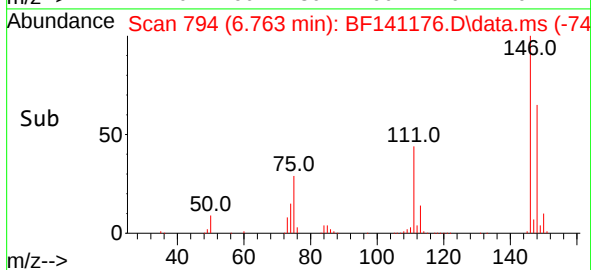
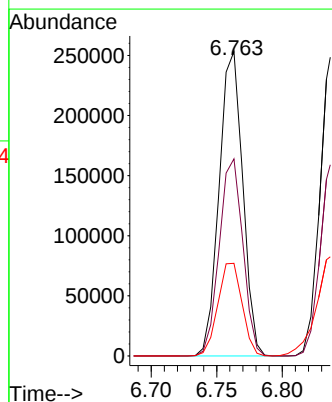
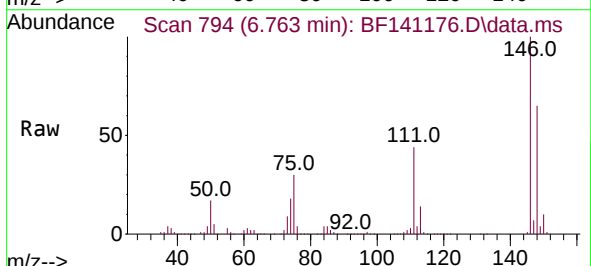
Tgt Ion:146 Resp: 316476

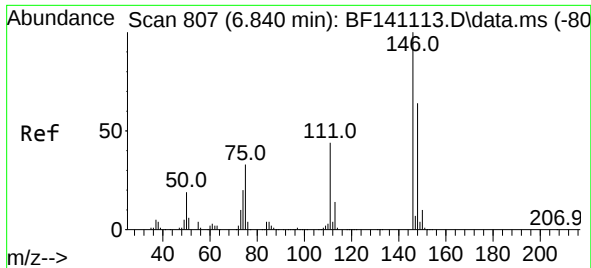
Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

75 30.4 26.2 39.2

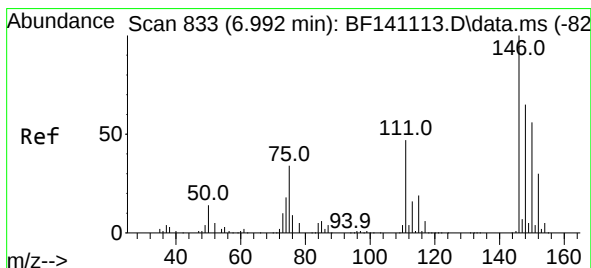
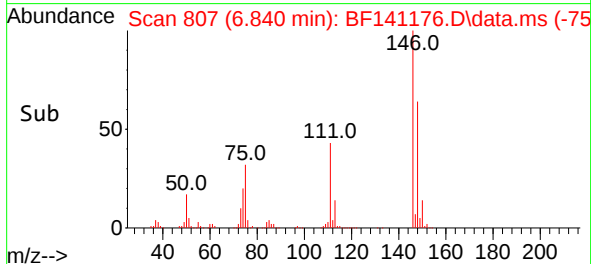
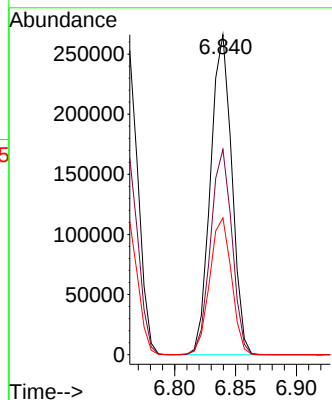
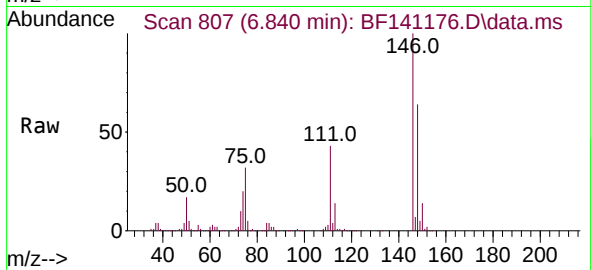




#13
1,4-Dichlorobenzene
Concen: 28.999 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

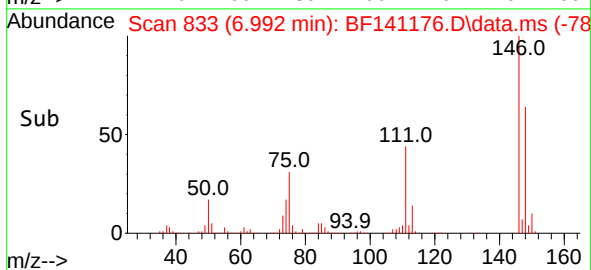
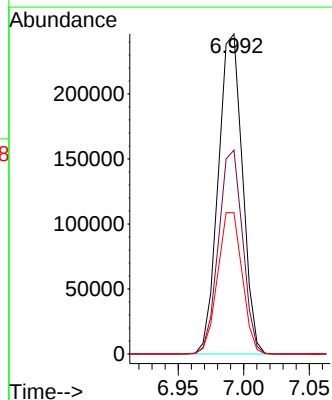
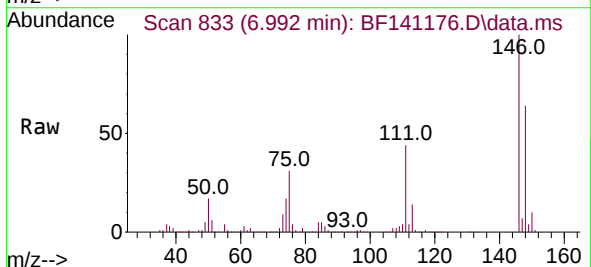
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:146 Resp: 323869
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 42.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 30.265 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:146 Resp: 315295
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 44.1 37.5 56.3

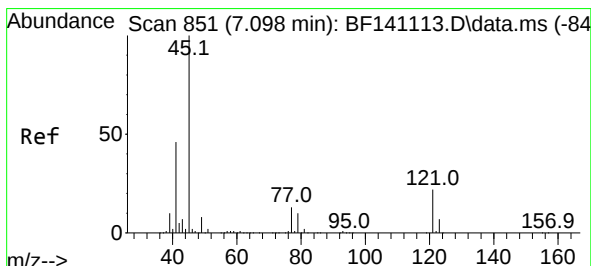
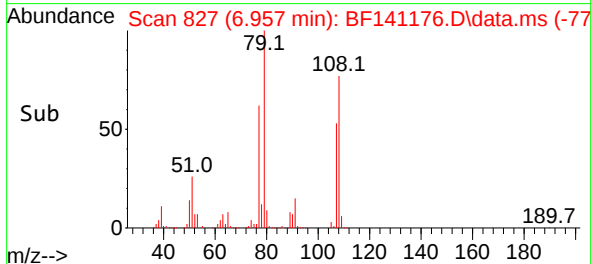
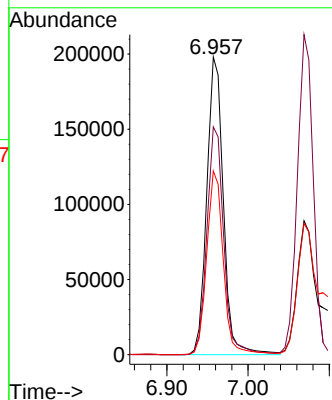
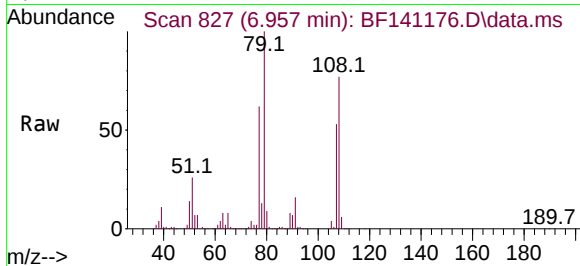




#15
Benzyl Alcohol
Concen: 33.086 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

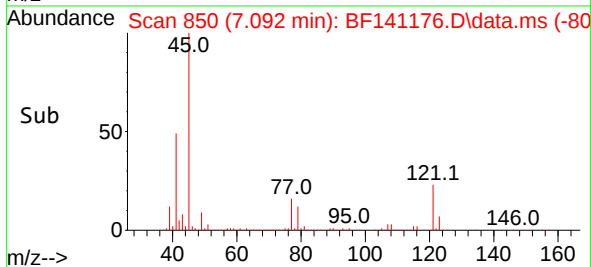
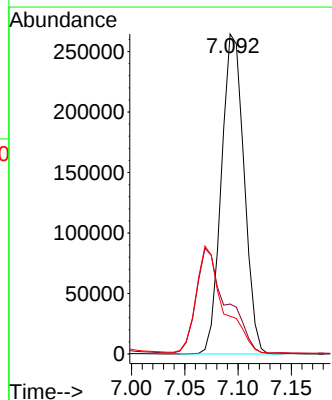
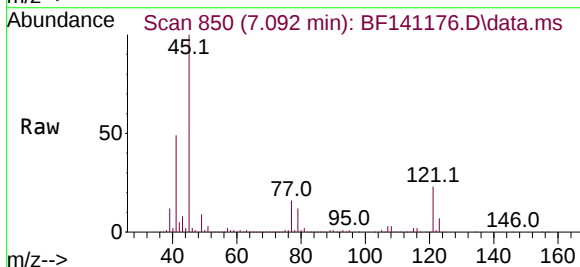
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

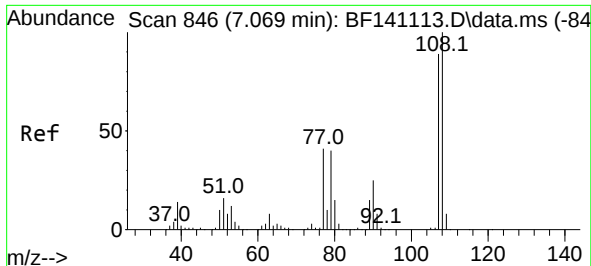
Tgt Ion: 79 Resp: 280336
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 61.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.918 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

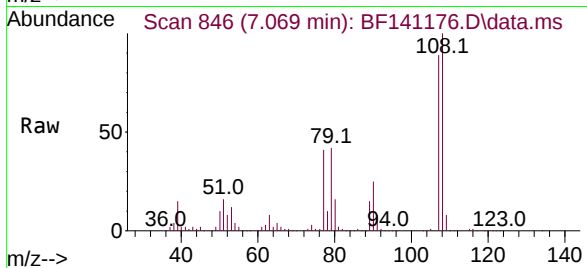
Tgt Ion: 45 Resp: 390750
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.1
79 11.8 0.0 31.0



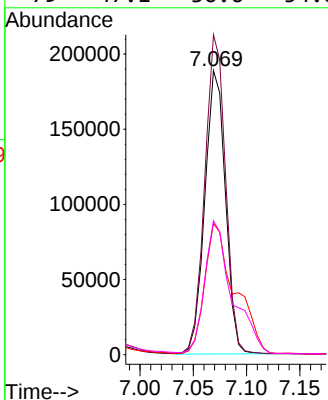
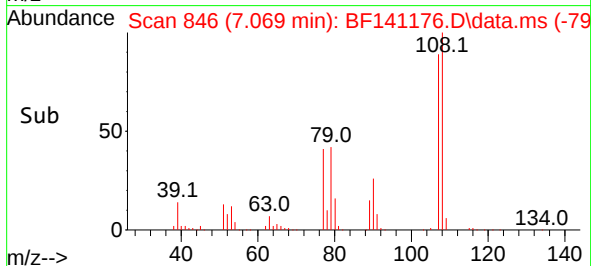


#17
2-Methylphenol
Concen: 31.569 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

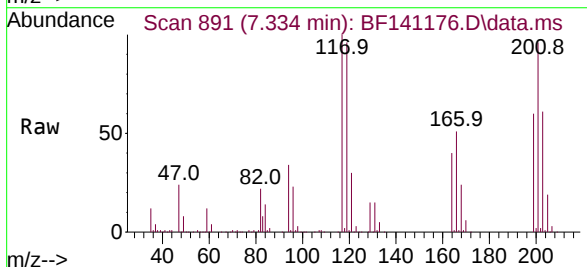
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD



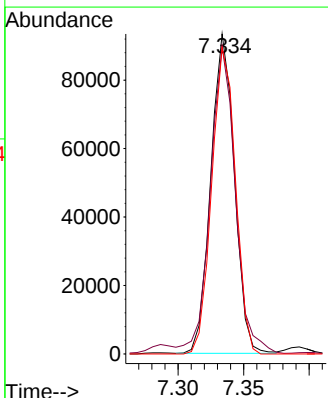
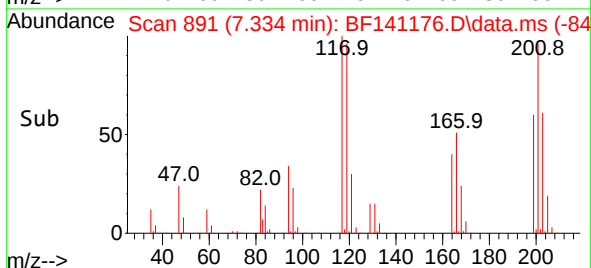
Tgt Ion:	107	Resp:	253262
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.1	135.1
77	46.2	36.6	55.0
79	47.1	36.6	54.8



#18
Hexachloroethane
Concen: 28.846 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40



Tgt Ion:	117	Resp:	116502
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
201	95.7	75.1	112.7

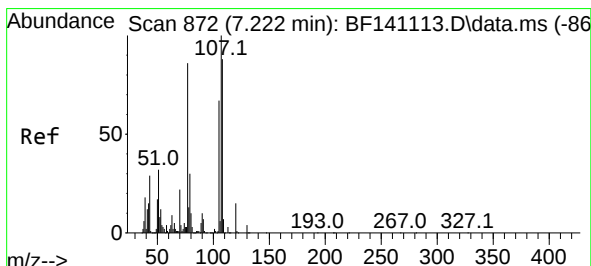
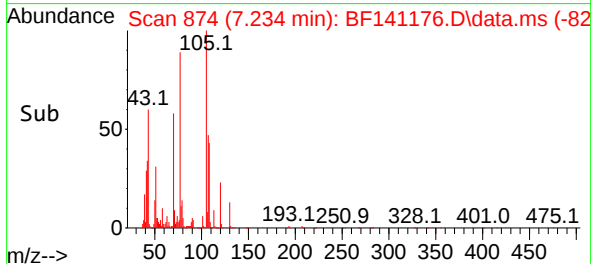
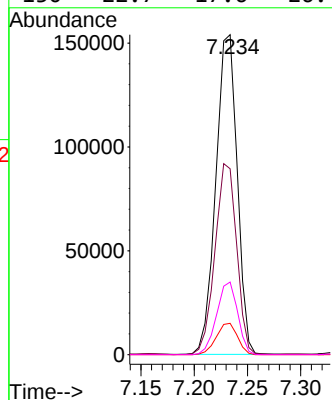
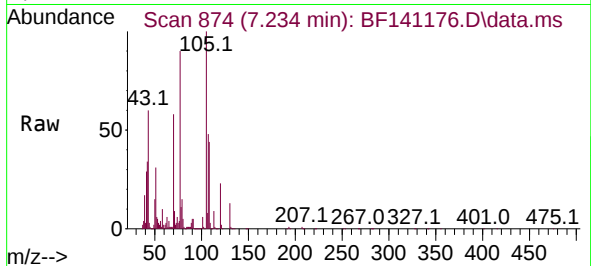




#19
n-Nitroso-di-n-propylamine
Concen: 31.050 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

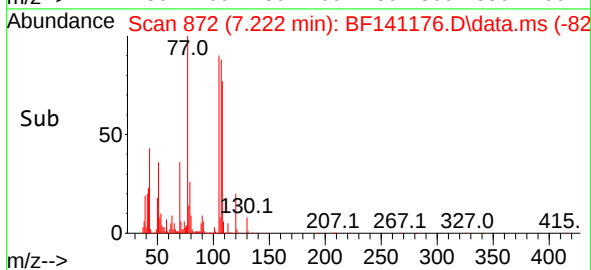
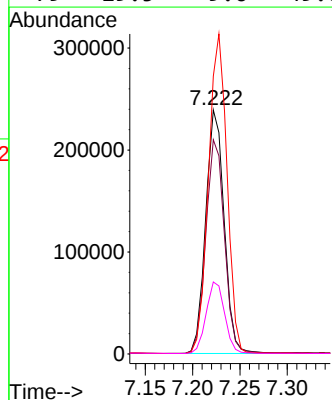
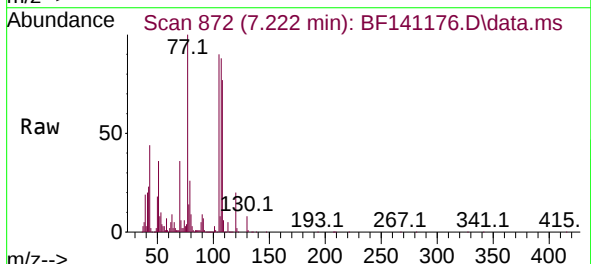
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

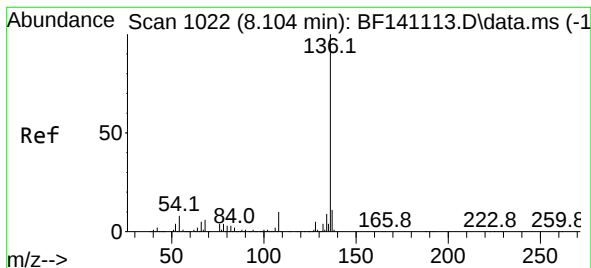
Tgt Ion:	70	Resp:	214591
Ion	Ratio	Lower	Upper
70	100		
42	58.1	47.8	71.6
101	9.8	7.9	11.9
130	22.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 32.030 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:	107	Resp:	324187
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.3	108.3
77	113.8	66.4	106.4#
79	29.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141176.D

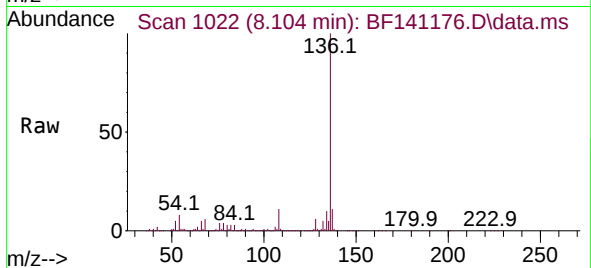
Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD



Tgt Ion:136 Resp: 569188

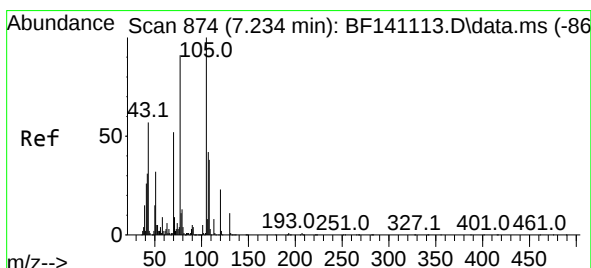
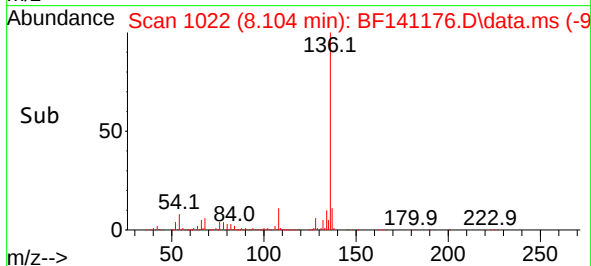
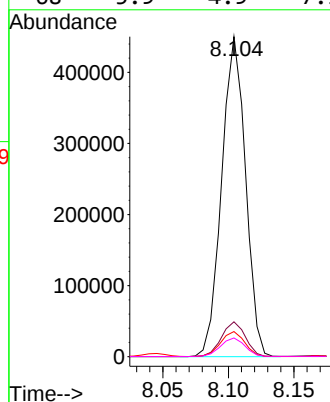
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.9 6.3 9.5

68 5.9 4.9 7.3



#22

Acetophenone

Concen: 31.075 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Tgt Ion:105 Resp: 420478

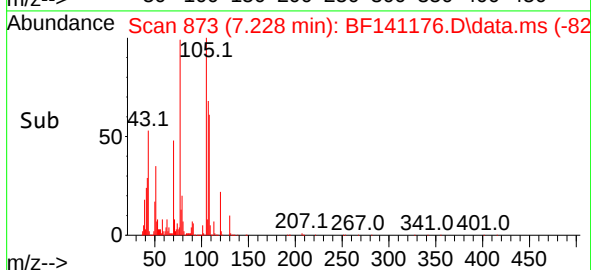
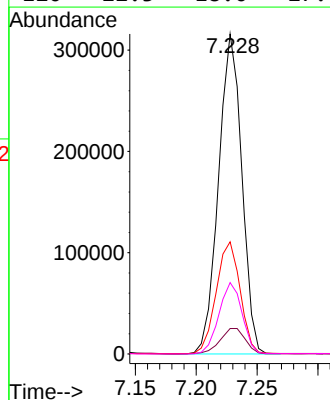
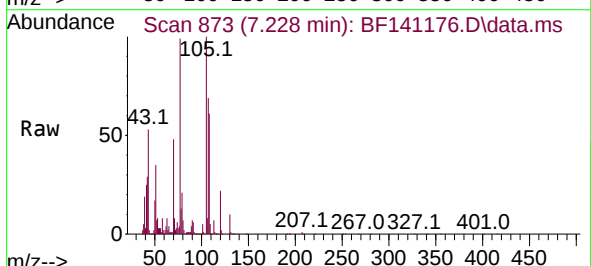
Ion Ratio Lower Upper

105 100

71 7.9 7.1 10.7

51 35.1 25.4 38.2

120 22.3 18.0 27.0





#23

Nitrobenzene-d5

Concen: 62.104 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

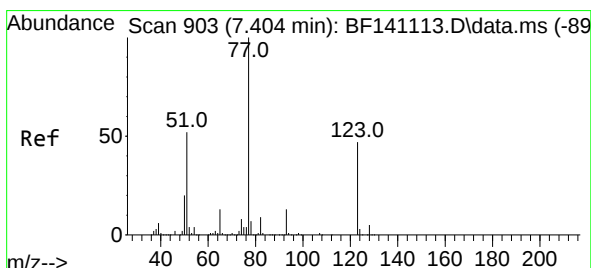
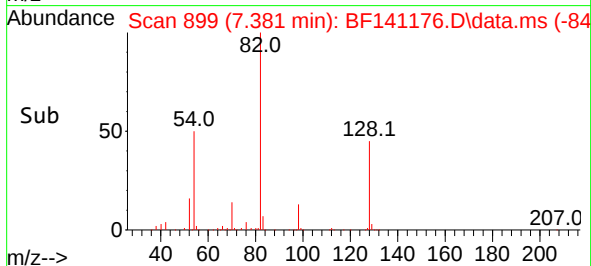
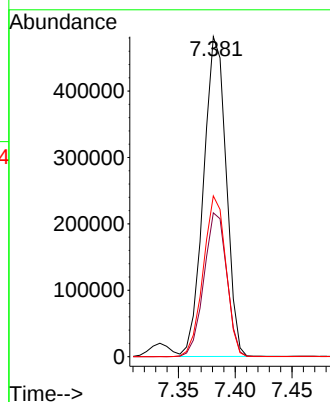
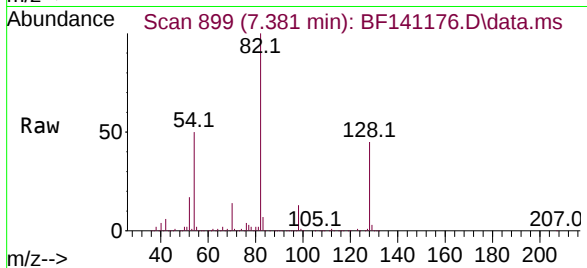
Tgt Ion: 82 Resp: 666857

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

54 50.2 41.0 61.4



#24

Nitrobenzene

Concen: 29.097 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

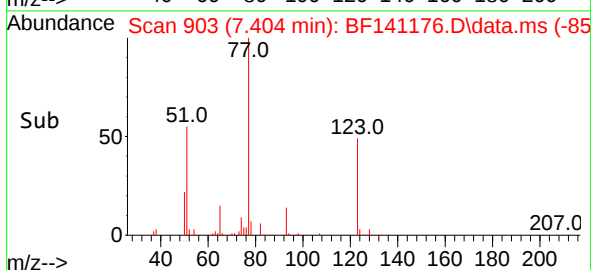
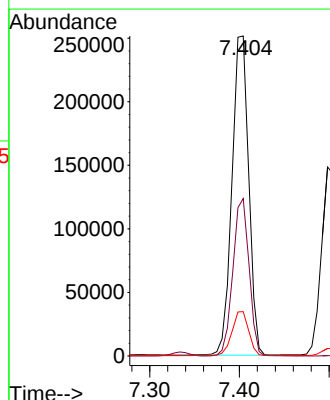
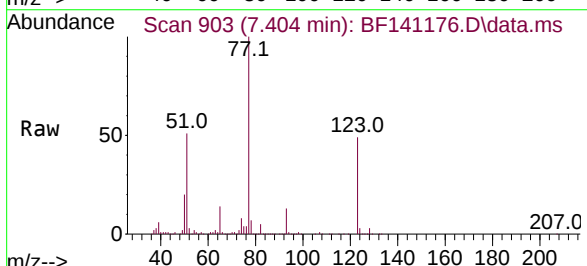
Tgt Ion: 77 Resp: 325628

Ion Ratio Lower Upper

77 100

123 49.2 37.7 56.5

65 13.8 10.6 16.0

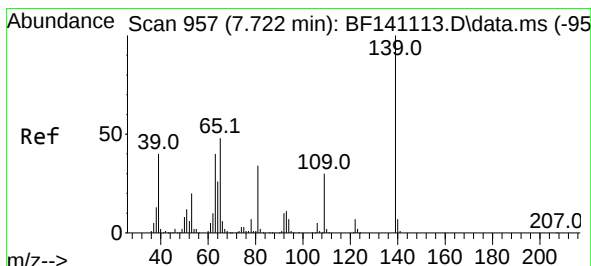
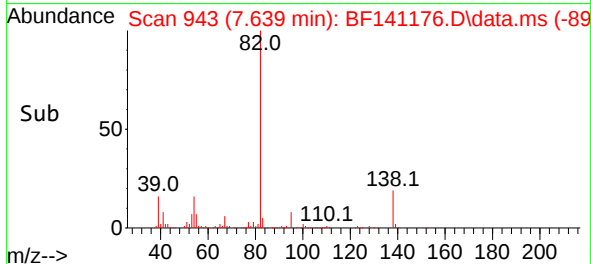
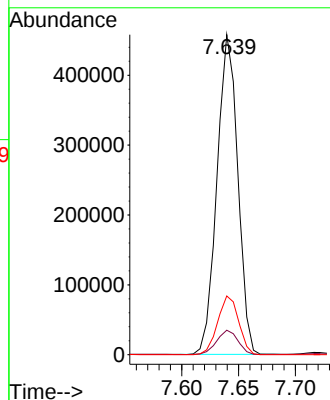
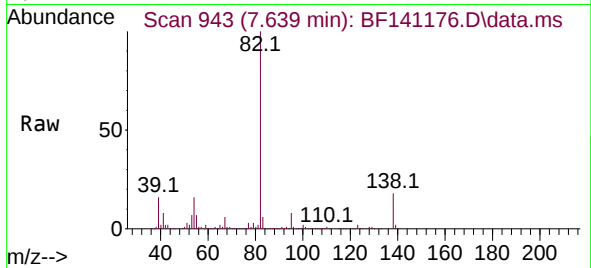




#25
Isophorone
Concen: 31.812 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

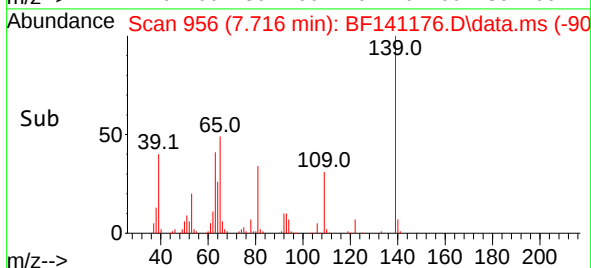
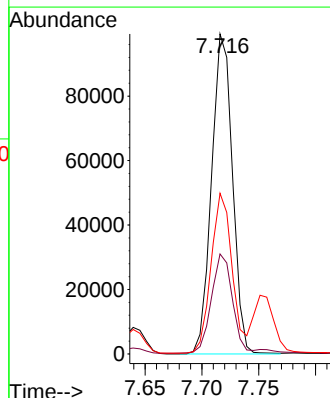
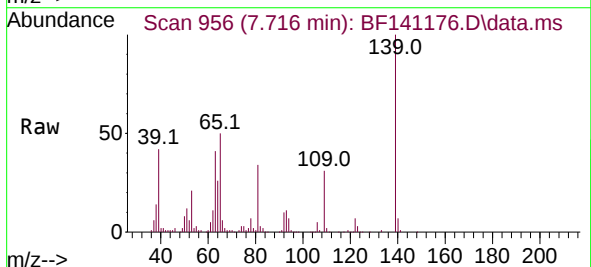
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion: 82 Resp: 583759
Ion Ratio Lower Upper
82 100
95 7.7 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 24.949 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:139 Resp: 127008
Ion Ratio Lower Upper
139 100
109 31.2 23.8 35.6
65 50.2 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 36.528 ng

RT: 7.757 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

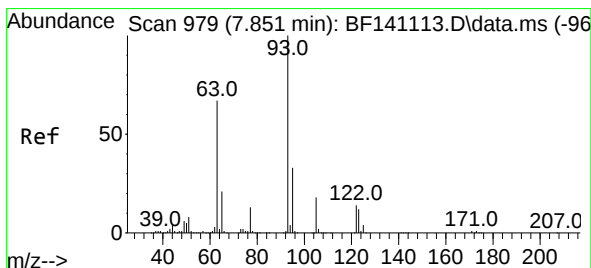
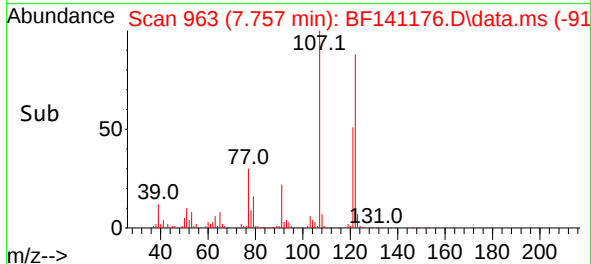
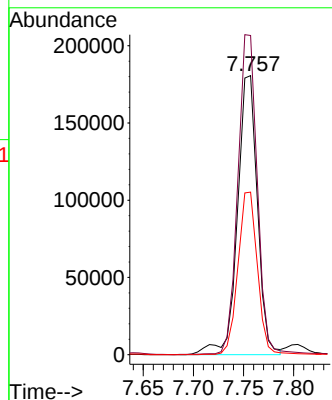
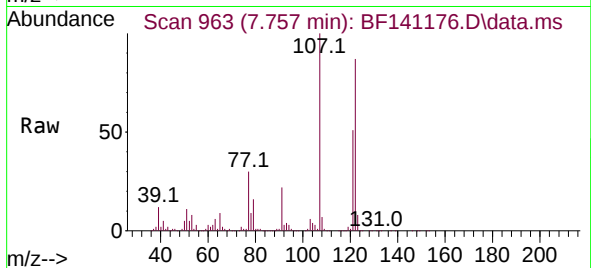
Tgt Ion:122 Resp: 250815

Ion Ratio Lower Upper

122 100

107 114.4 90.3 135.5

121 58.2 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 30.949 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

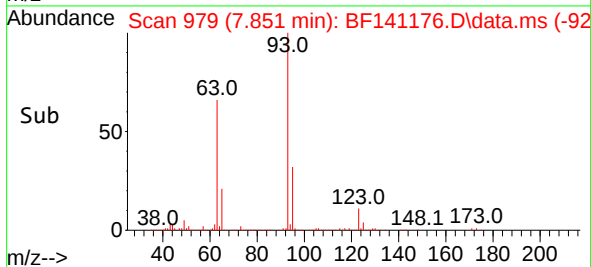
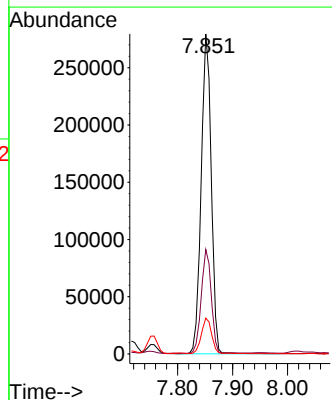
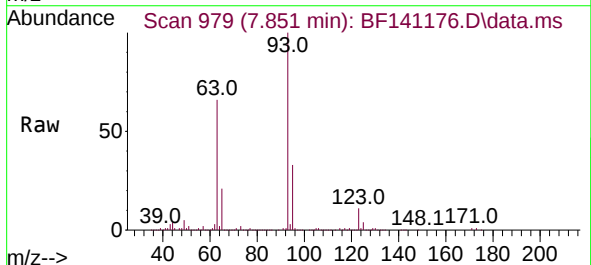
Tgt Ion: 93 Resp: 356419

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.2 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 29.043 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

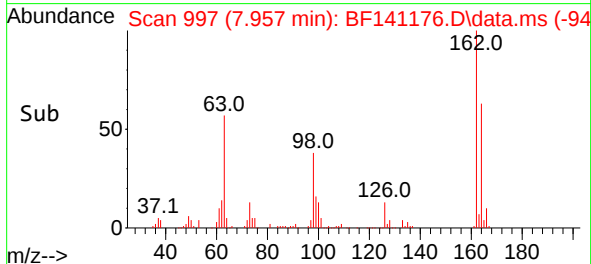
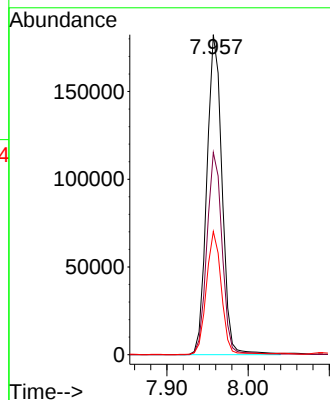
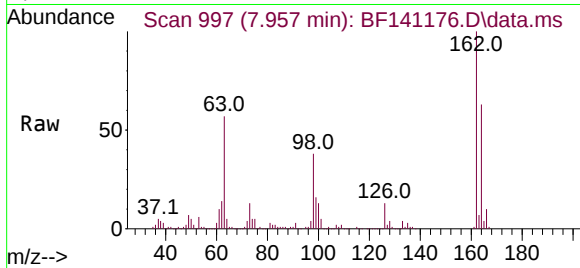
Tgt Ion:162 Resp: 236851

Ion Ratio Lower Upper

162 100

164 63.2 44.5 84.5

98 38.5 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 28.843 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

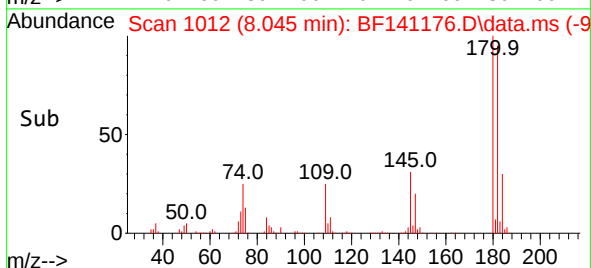
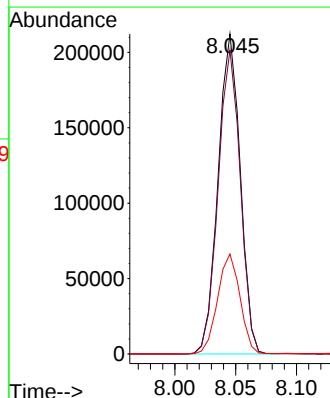
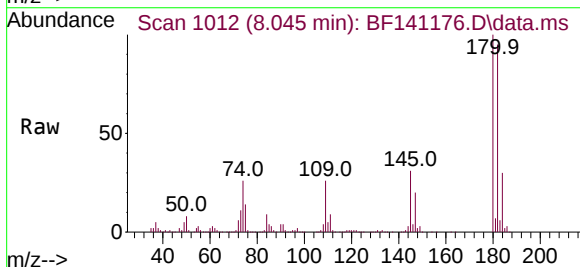
Tgt Ion:180 Resp: 268865

Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 31.3 25.3 37.9

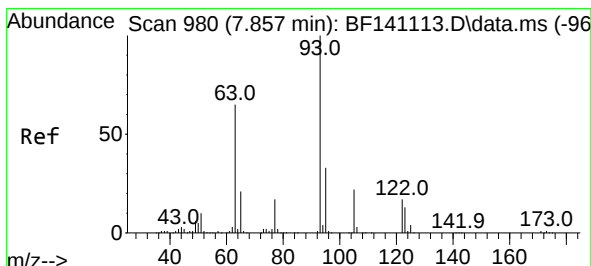
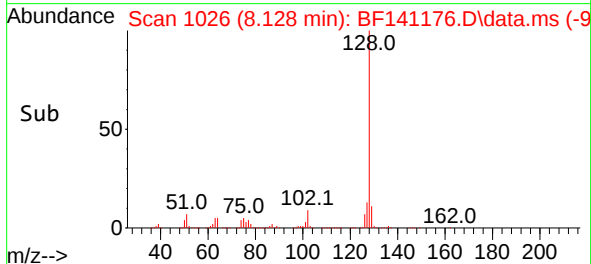
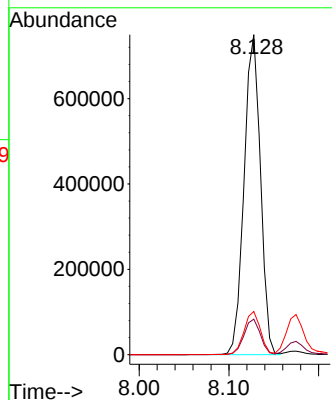
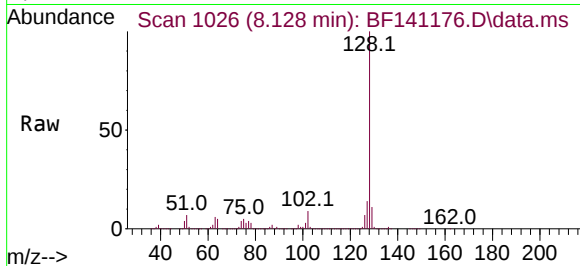




#31
Naphthalene
Concen: 31.607 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

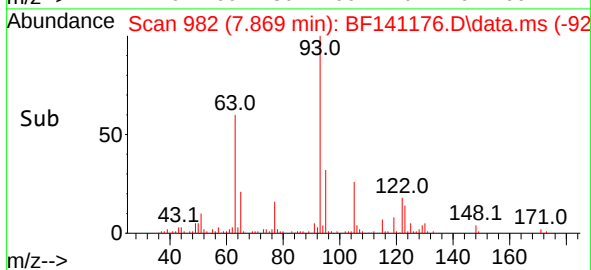
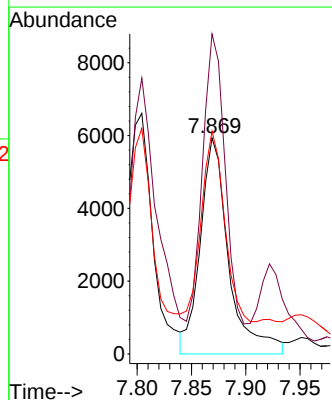
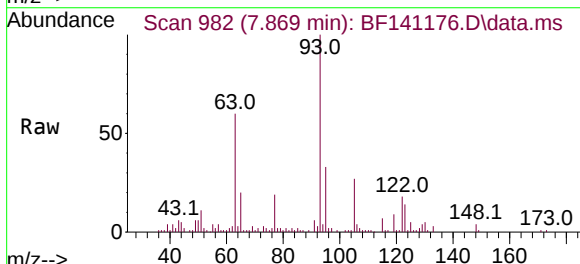
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:128 Resp: 948739
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 1.639 ng m
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:122 Resp: 10799
Ion Ratio Lower Upper
122 100
105 148.2 105.5 145.5#
77 103.2 75.1 115.1





#33

4-Chloroaniline

Concen: 12.958 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion:127 Resp: 134518

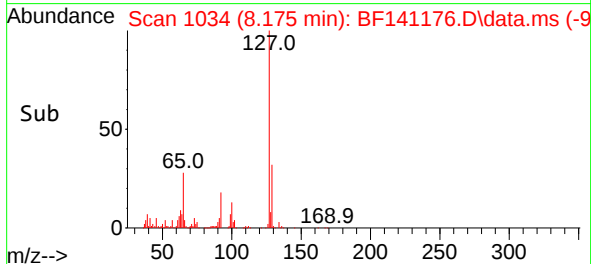
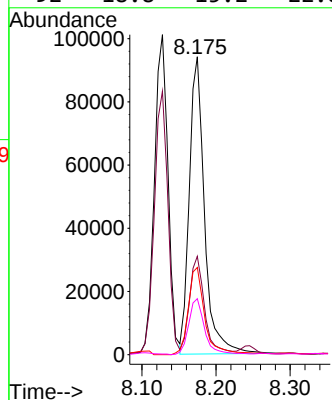
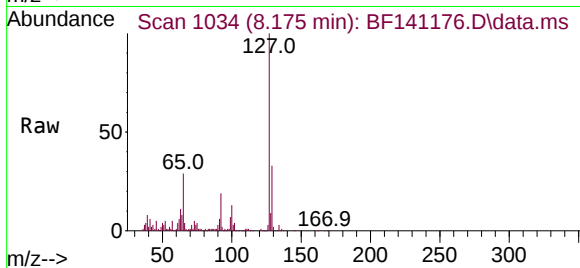
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 29.3 23.8 35.8

92 18.8 15.2 22.8



#34

Hexachlorobutadiene

Concen: 28.334 ng

RT: 8.245 min Scan# 1046

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

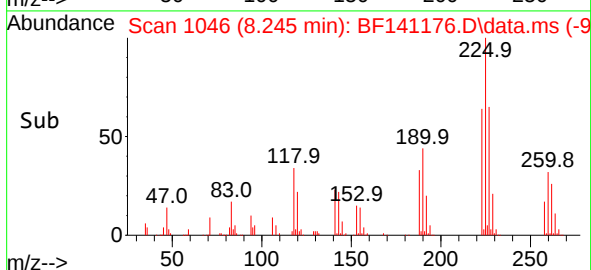
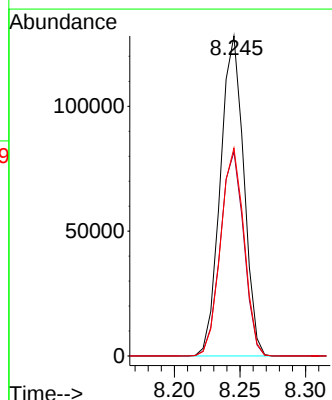
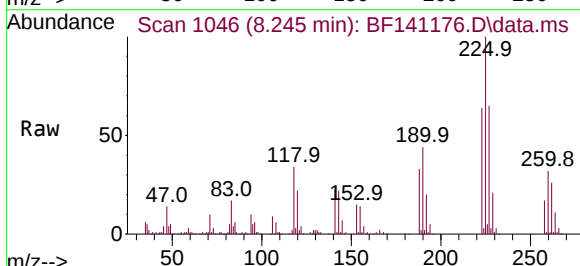
Tgt Ion:225 Resp: 159147

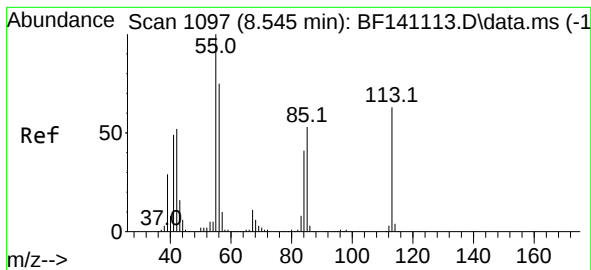
Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 65.0 51.6 77.4





#35

Caprolactam

Concen: 30.523 ng

RT: 8.522 min Scan# 1093

Delta R.T. -0.024 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

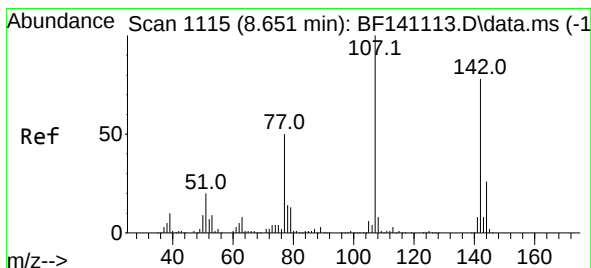
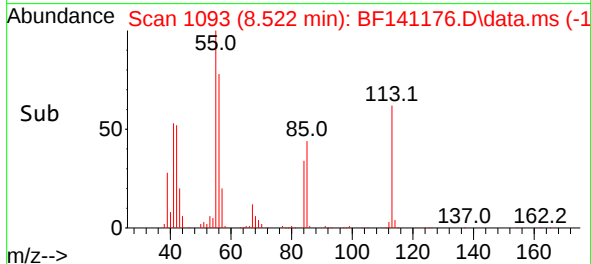
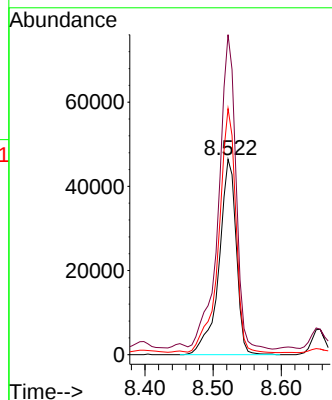
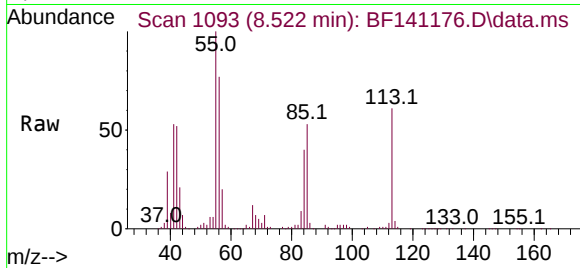
Tgt Ion:113 Resp: 81493

Ion Ratio Lower Upper

113 100

55 163.8 139.7 179.7

56 126.0 99.4 139.4



#36

4-Chloro-3-methylphenol

Concen: 31.937 ng

RT: 8.651 min Scan# 1115

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

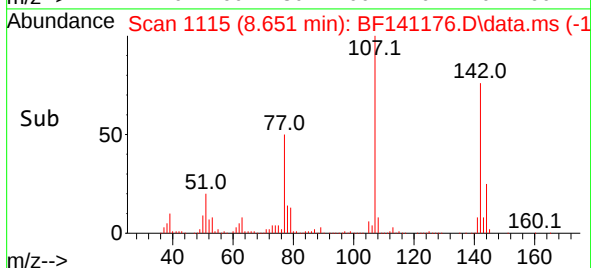
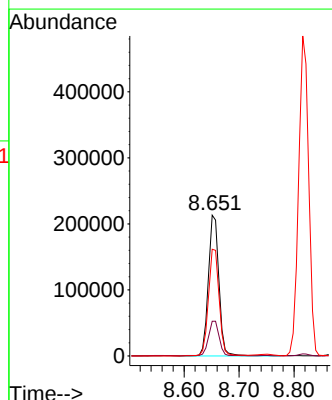
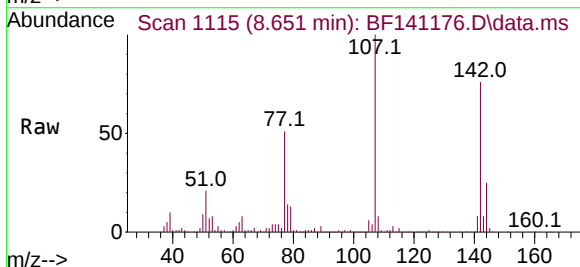
Tgt Ion:107 Resp: 284843

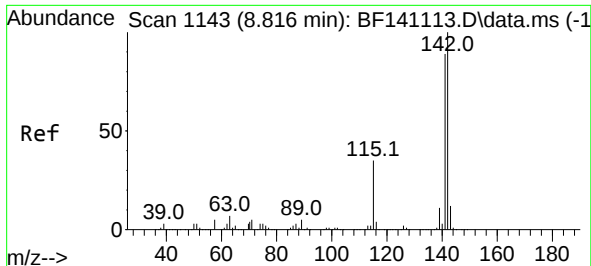
Ion Ratio Lower Upper

107 100

144 24.7 20.4 30.6

142 75.9 62.2 93.2

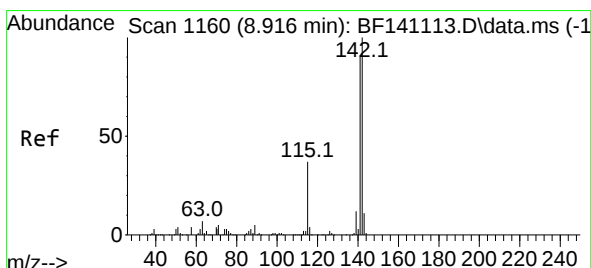
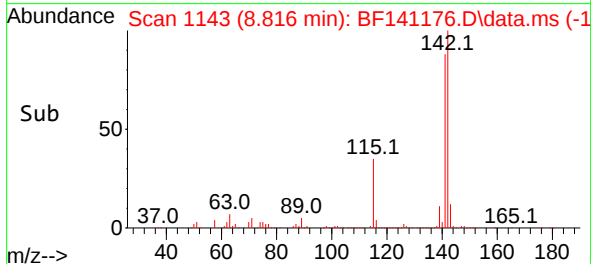
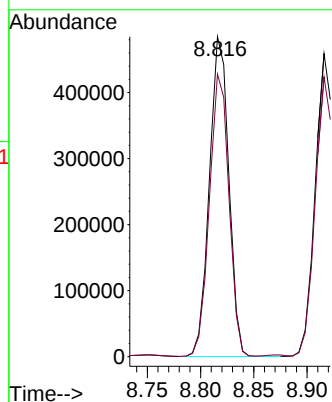
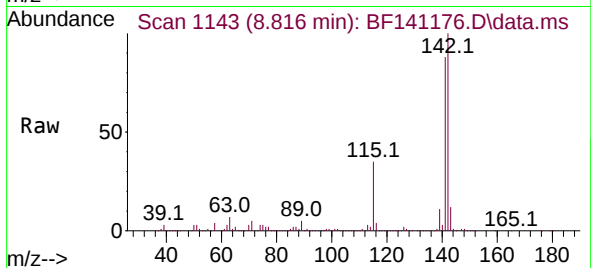




#37
2-Methylnaphthalene
Concen: 32.151 ng
RT: 8.816 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

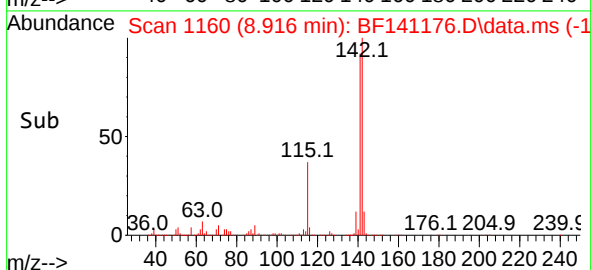
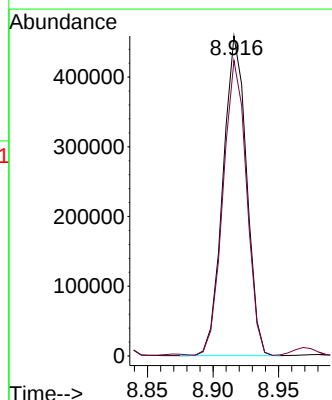
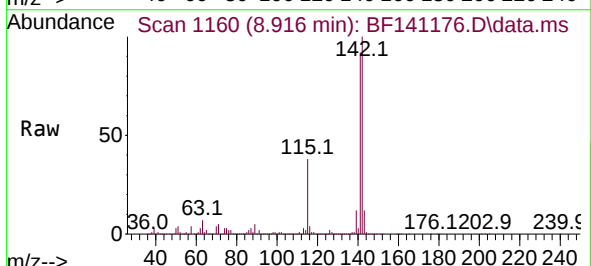
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

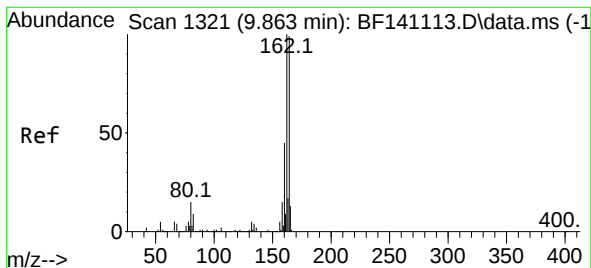
Tgt Ion:142 Resp: 614978
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9



#38
1-Methylnaphthalene
Concen: 30.321 ng
RT: 8.916 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:142 Resp: 571584
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141176.D

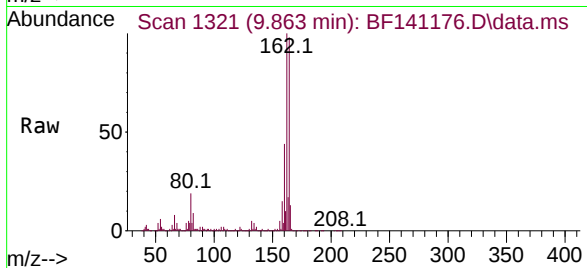
Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD



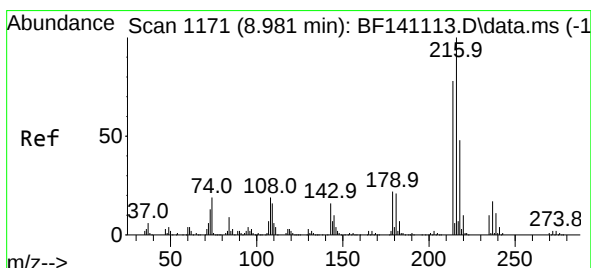
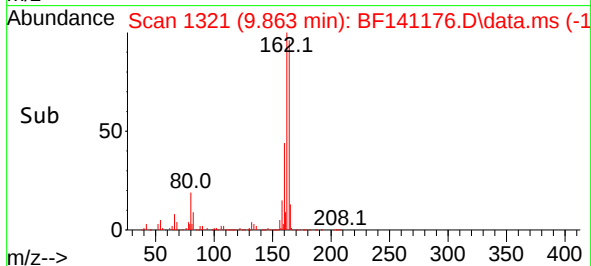
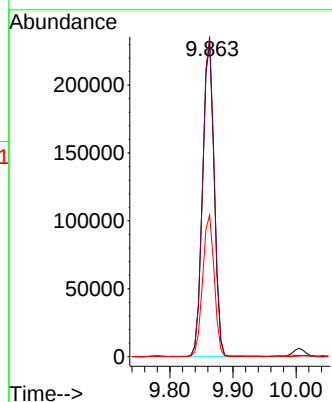
Tgt Ion:164 Resp: 294771

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 45.1 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.449 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Tgt Ion:216 Resp: 274538

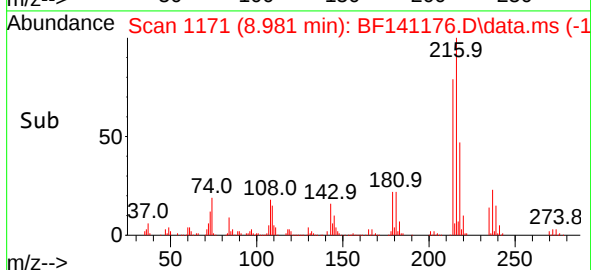
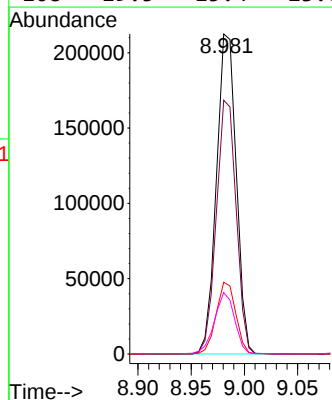
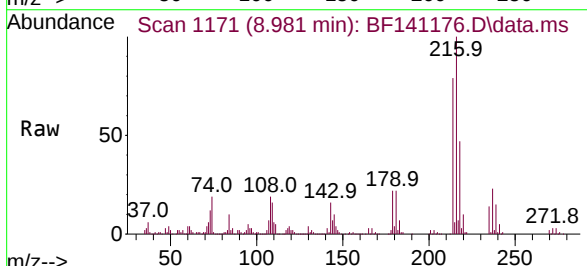
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 22.0 17.7 26.5

108 19.5 15.4 23.0

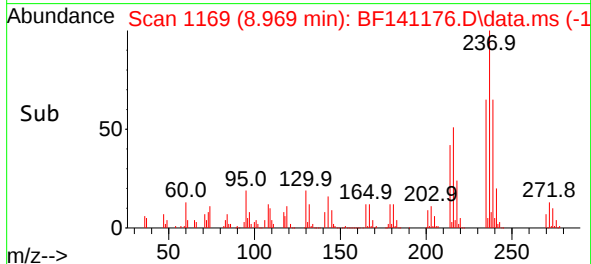
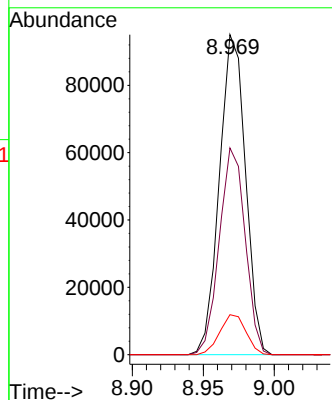
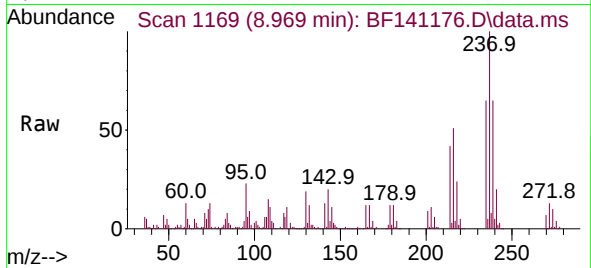




#41
Hexachlorocyclopentadiene
Concen: 43.925 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

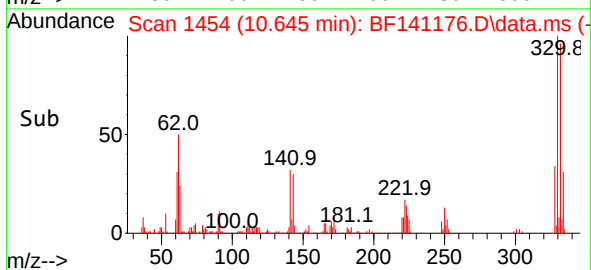
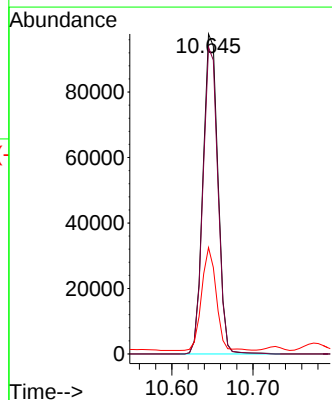
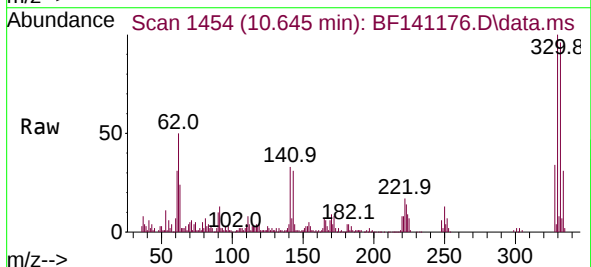
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

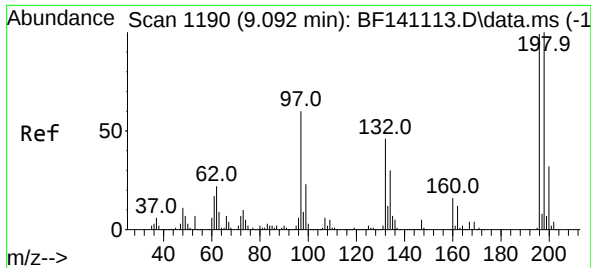
Tgt Ion:237 Resp: 121583
Ion Ratio Lower Upper
237 100
235 64.6 43.0 83.0
272 12.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 37.124 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:330 Resp: 124689
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 31.3 25.2 37.8

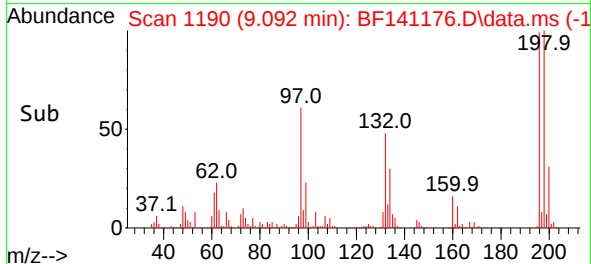
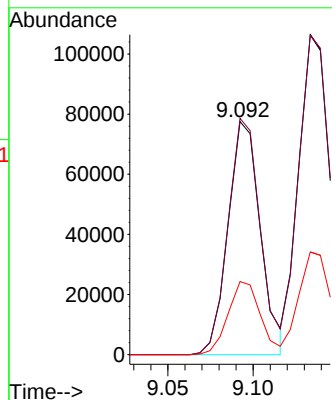
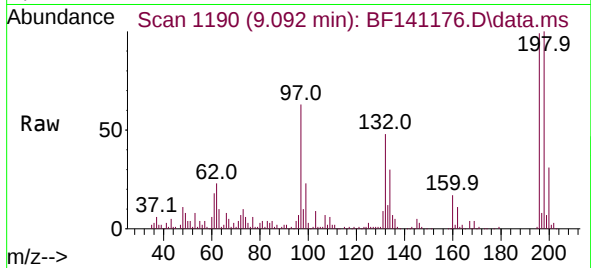




#43
2,4,6-Trichlorophenol
Concen: 17.856 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

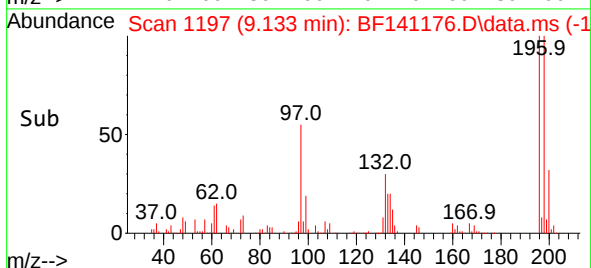
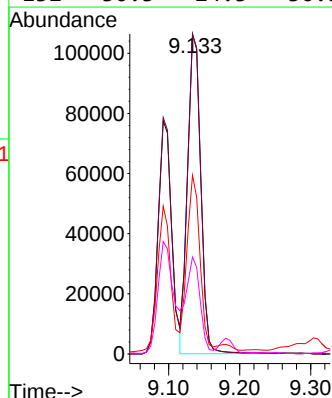
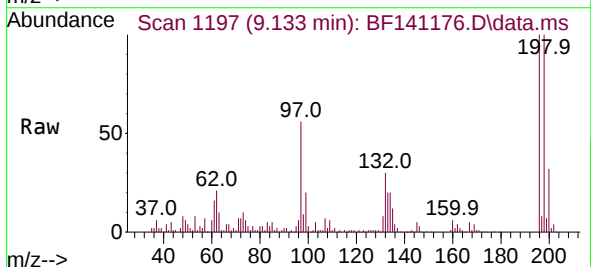
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

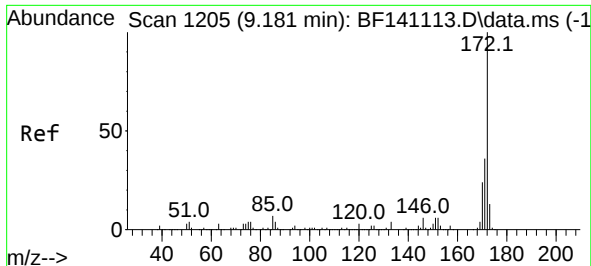
Tgt Ion:196 Resp: 101888
Ion Ratio Lower Upper
196 100
198 101.4 80.8 121.2
200 31.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 22.875 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:196 Resp: 137849
Ion Ratio Lower Upper
196 100
198 99.9 80.6 120.8
97 55.8 43.1 64.7
132 30.3 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 62.565 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

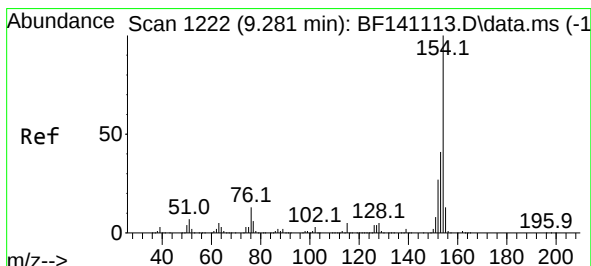
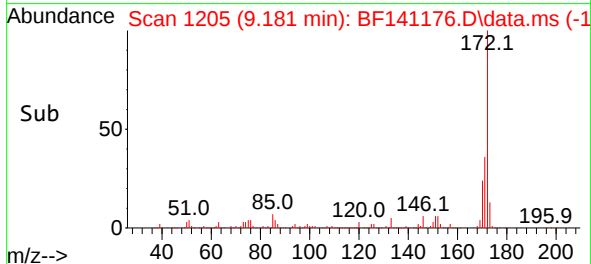
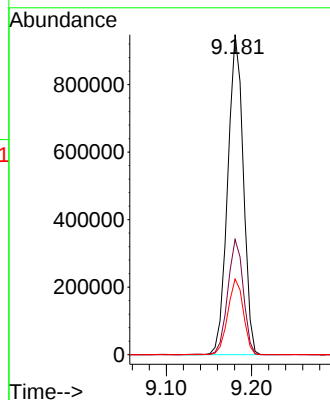
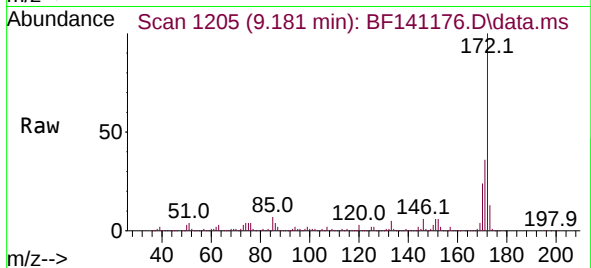
Tgt Ion:172 Resp: 1207713

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 32.517 ng

RT: 9.281 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

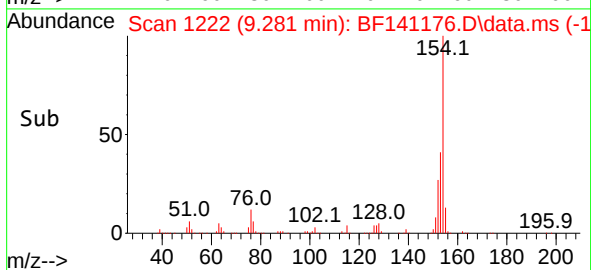
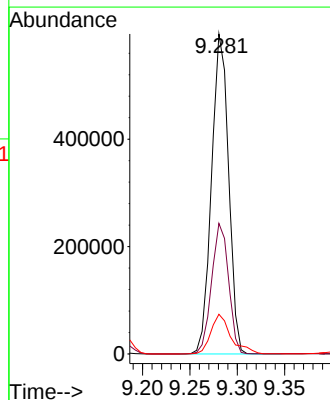
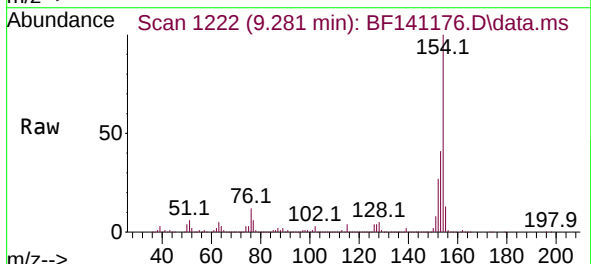
Tgt Ion:154 Resp: 744386

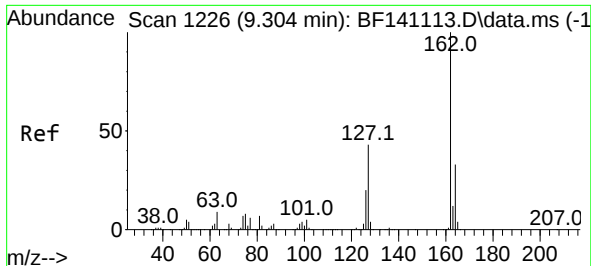
Ion Ratio Lower Upper

154 100

153 40.8 20.7 60.7

76 12.4 0.0 33.1

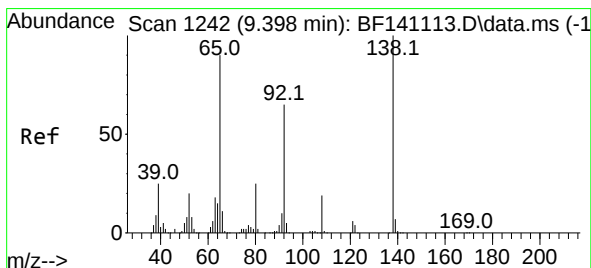
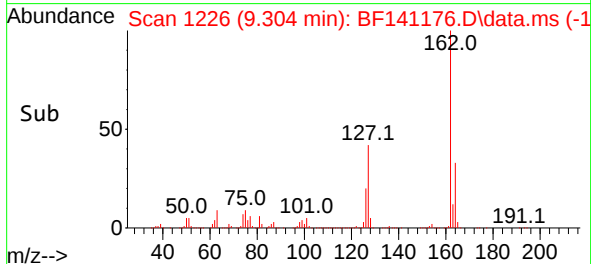
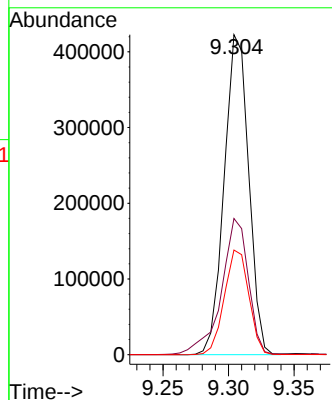
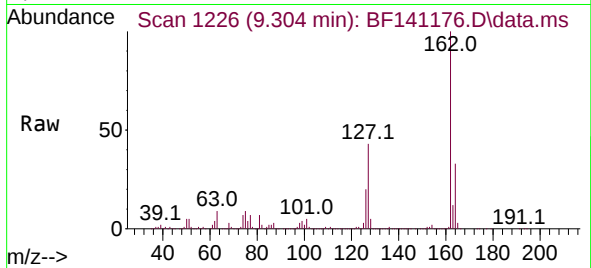




#47
2-Chloronaphthalene
Concen: 30.807 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

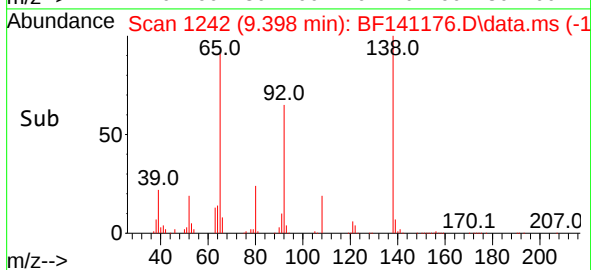
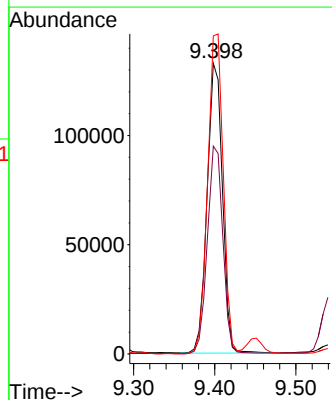
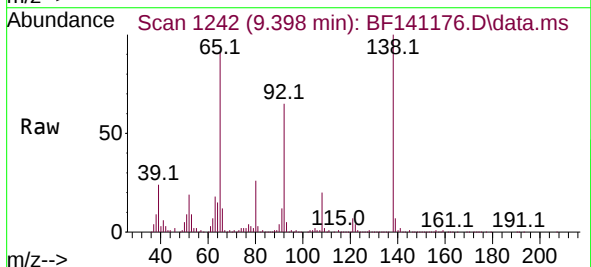
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

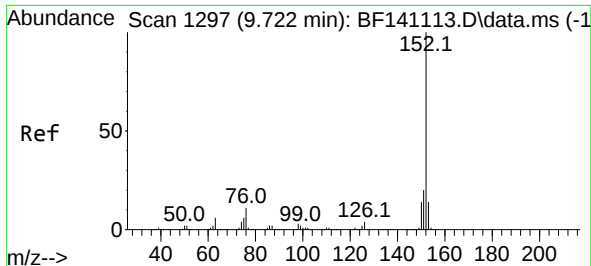
Tgt Ion:162 Resp: 549279
Ion Ratio Lower Upper
162 100
127 42.5 34.6 51.8
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 32.905 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion: 65 Resp: 173916
Ion Ratio Lower Upper
65 100
92 71.5 58.3 87.5
138 109.4 89.1 133.7





#49

Acenaphthylene

Concen: 38.365 ng

RT: 9.722 min Scan# 1297

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

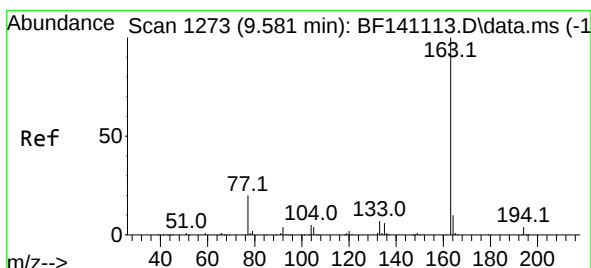
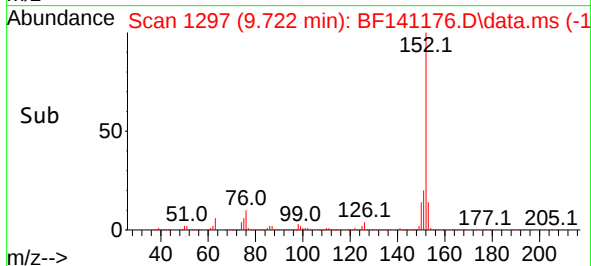
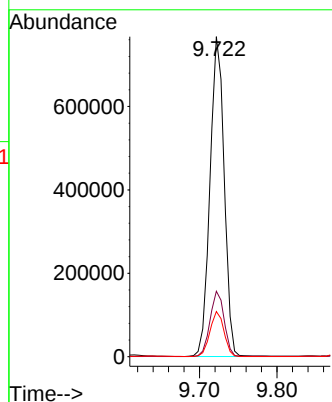
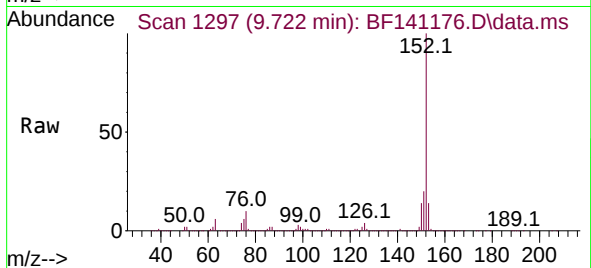
Tgt Ion:152 Resp: 977297

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.1 11.1 16.7



#50

Dimethylphthalate

Concen: 32.646 ng

RT: 9.581 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

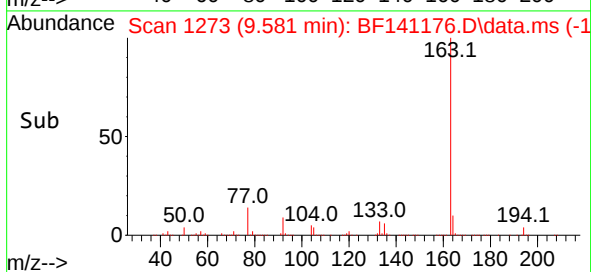
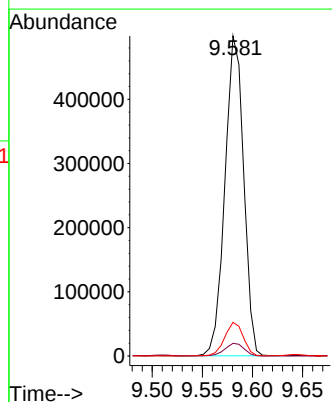
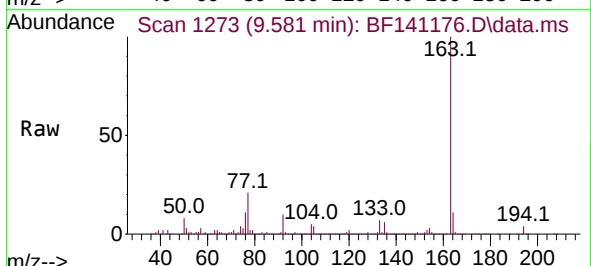
Tgt Ion:163 Resp: 646040

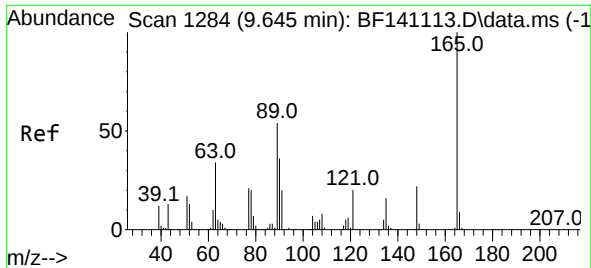
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.5 8.2 12.4

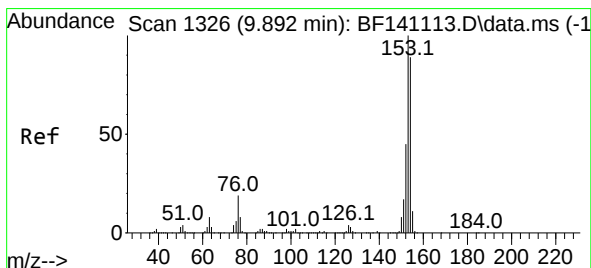
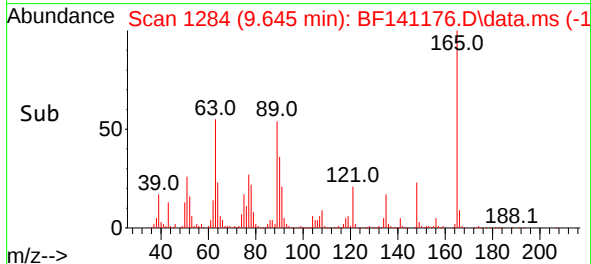
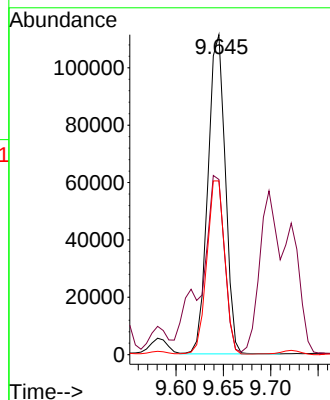
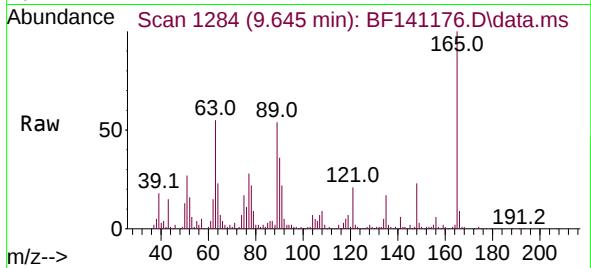




#51
2,6-Dinitrotoluene
Concen: 30.737 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

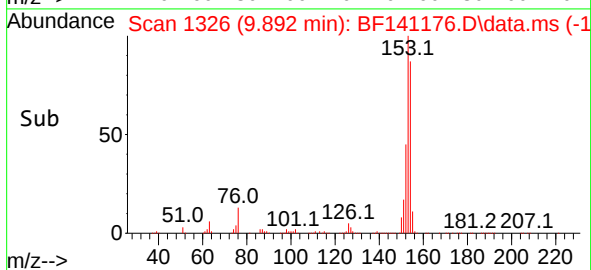
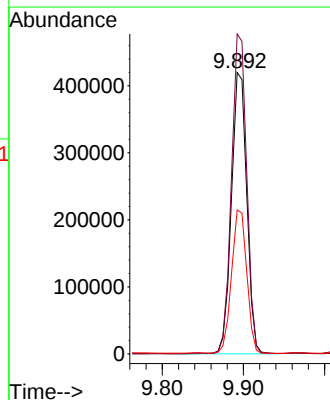
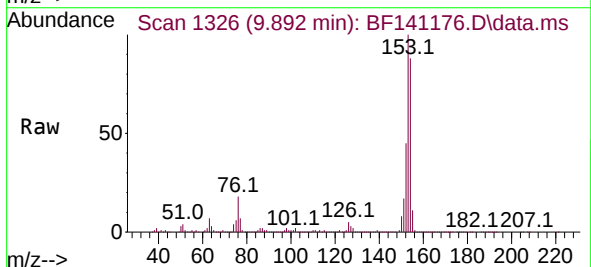
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

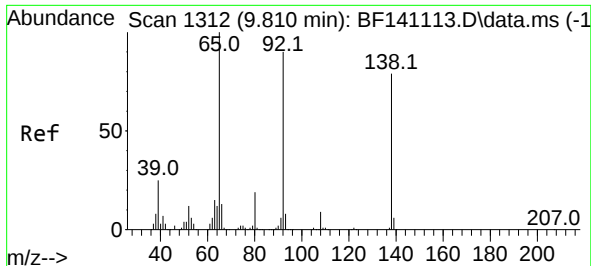
Tgt Ion:165 Resp: 141448
Ion Ratio Lower Upper
165 100
63 54.8 42.3 63.5
89 54.3 43.1 64.7



#52
Acenaphthene
Concen: 30.870 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:154 Resp: 549398
Ion Ratio Lower Upper
154 100
153 113.7 89.8 134.6
152 51.2 40.8 61.2

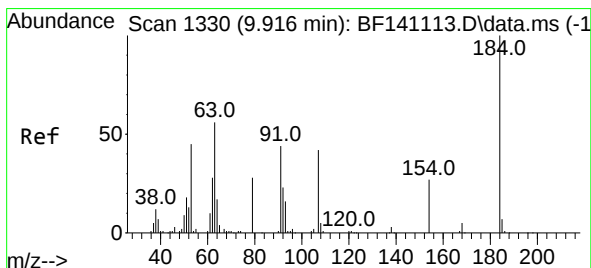
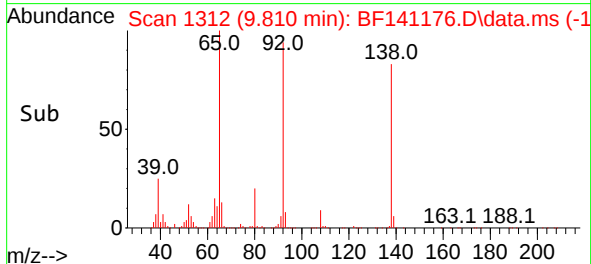
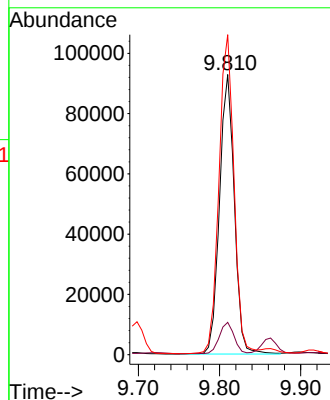
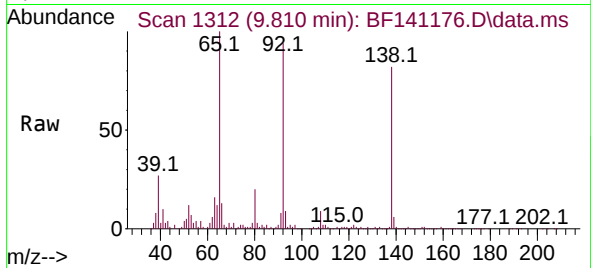




#53
3-Nitroaniline
Concen: 25.238 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

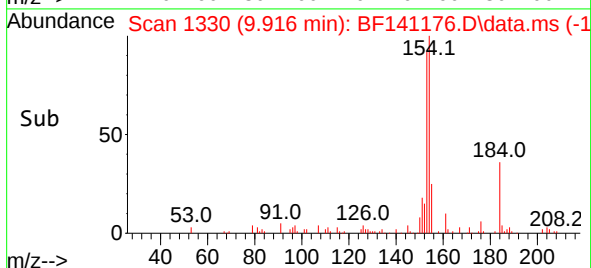
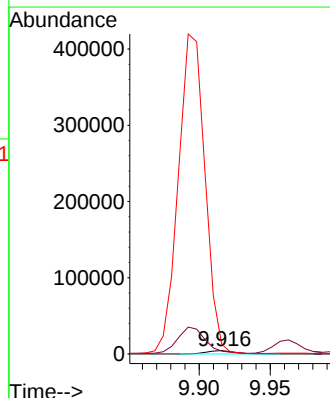
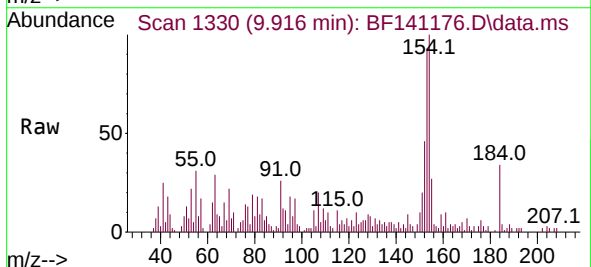
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

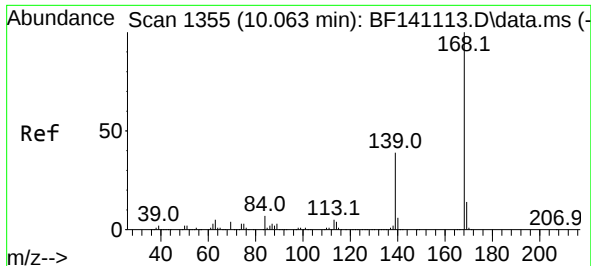
Tgt Ion:138 Resp: 118024
Ion Ratio Lower Upper
138 100
108 11.5 8.8 13.2
92 114.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 2.668 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:184 Resp: 5836
Ion Ratio Lower Upper
184 100
63 87.2 48.7 73.1#
154 298.4 57.1 85.7#

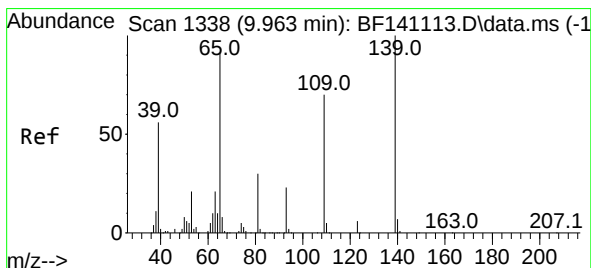
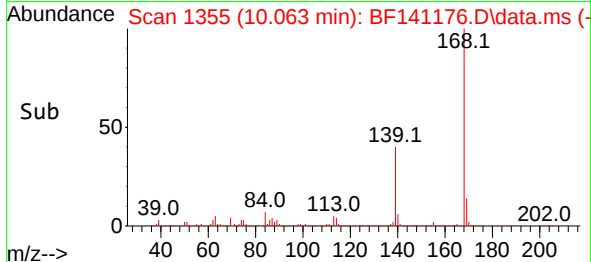
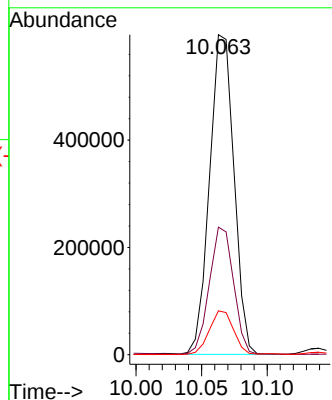
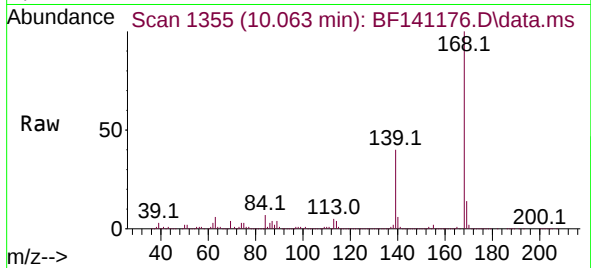




#55
Dibenzofuran
Concen: 31.903 ng
RT: 10.063 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

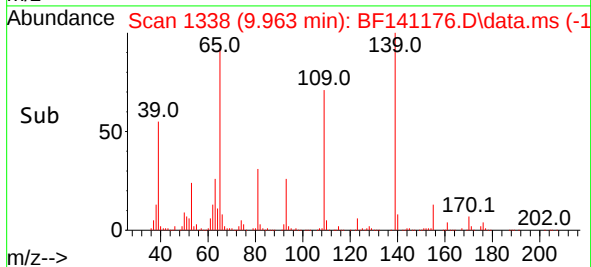
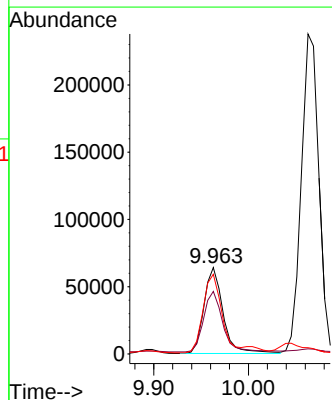
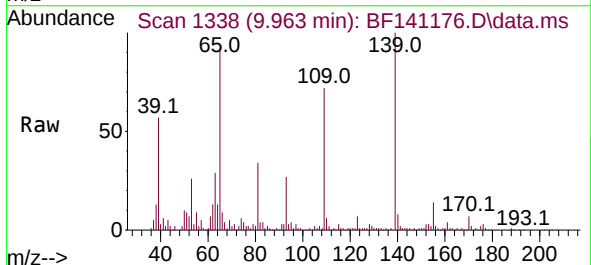
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

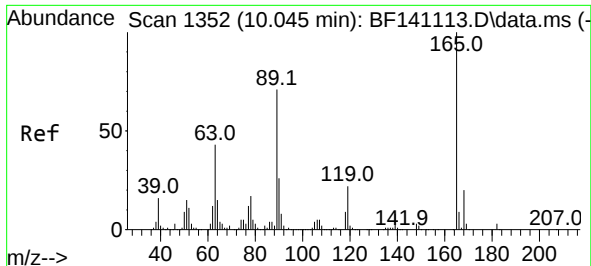
Tgt Ion:168 Resp: 772302
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.7 10.9 16.3



#56
4-Nitrophenol
Concen: 24.317 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:139 Resp: 89059
Ion Ratio Lower Upper
139 100
109 72.4 50.2 90.2
65 92.3 72.1 112.1

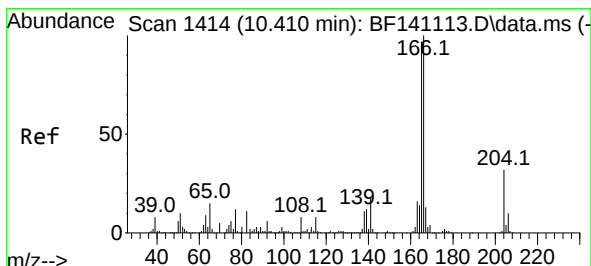
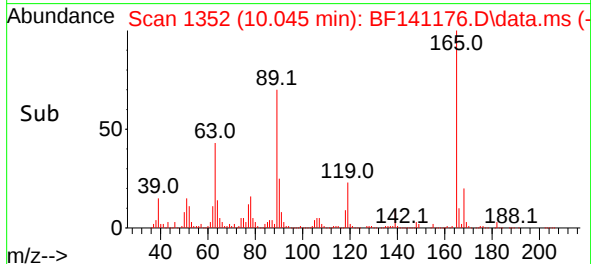
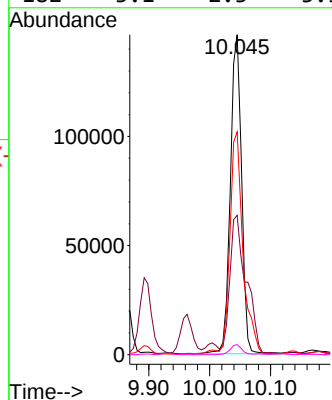
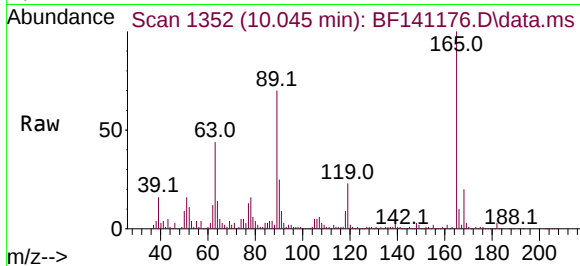




#57
2,4-Dinitrotoluene
Concen: 31.495 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

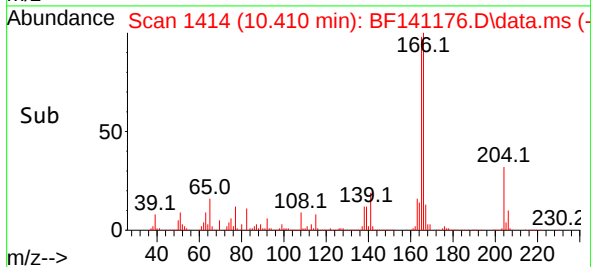
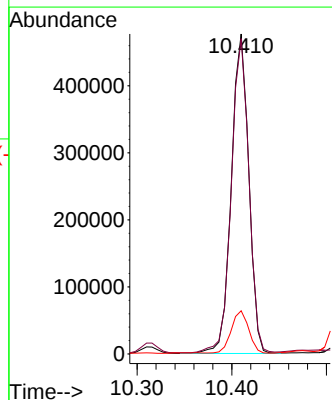
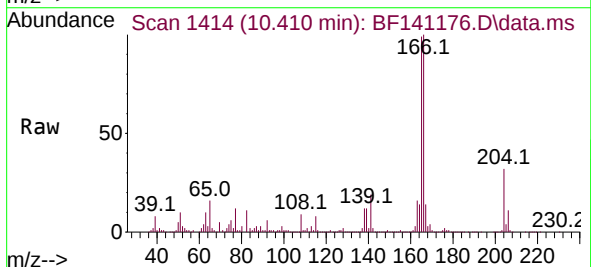
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:	165	Resp:	186784
Ion	Ratio	Lower	Upper
165	100		
63	43.6	35.0	52.4
89	69.6	56.7	85.1
182	3.1	2.3	3.5



#58
Fluorene
Concen: 32.401 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:	166	Resp:	609361
Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.8	116.8
167	13.5	10.8	16.2



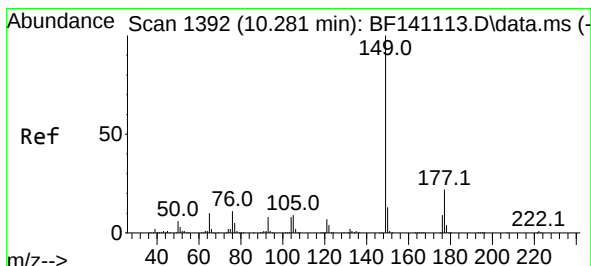
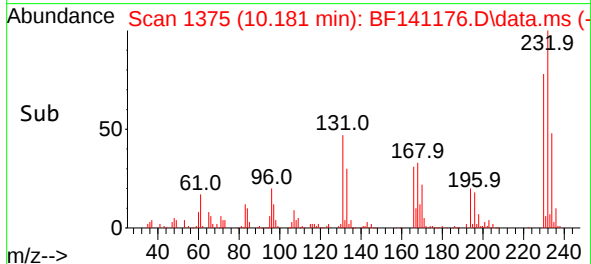
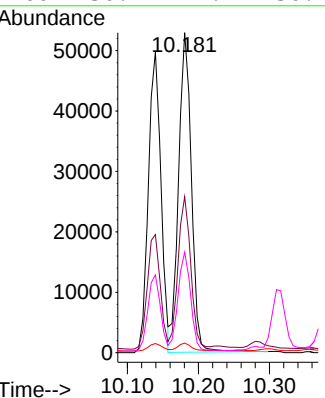
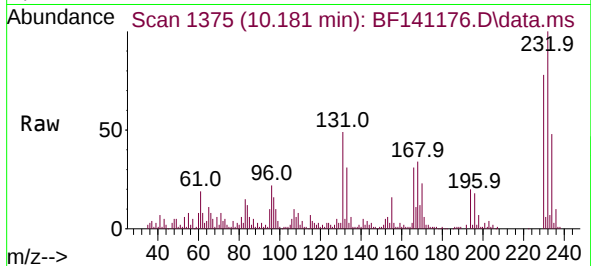


#59
2,3,4,6-Tetrachlorophenol
Concen: 13.269 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:232 Resp: 66467

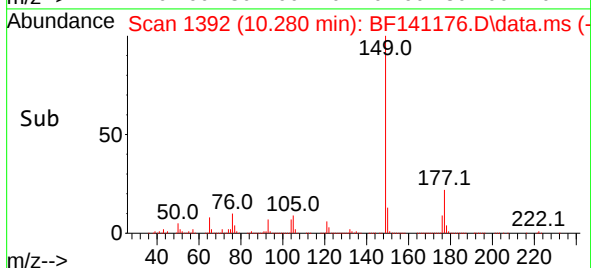
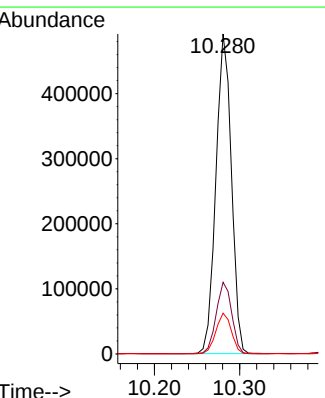
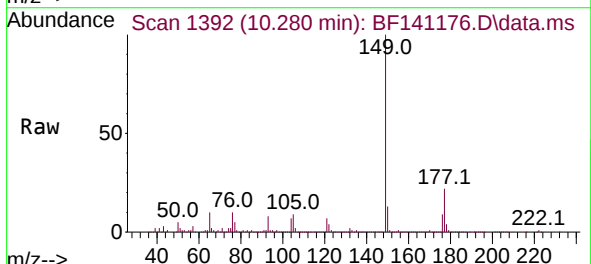
Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.2	54.4
130	2.2	2.0	3.0
166	30.2	24.2	36.4

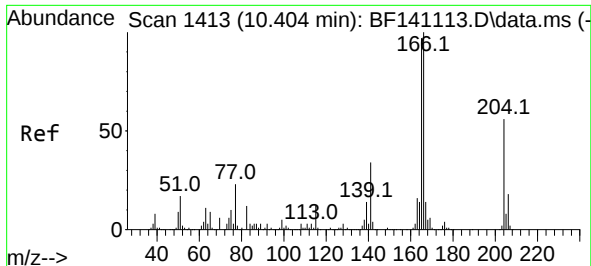


#60
Diethylphthalate
Concen: 32.105 ng
RT: 10.280 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:149 Resp: 620252

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.9	26.9
150	12.7	10.2	15.2

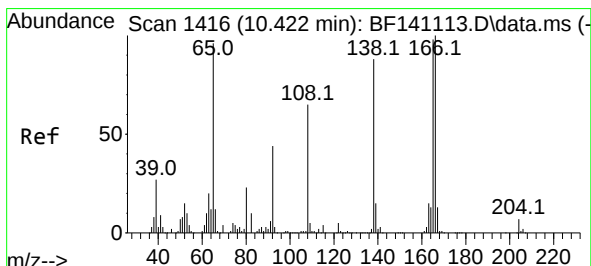
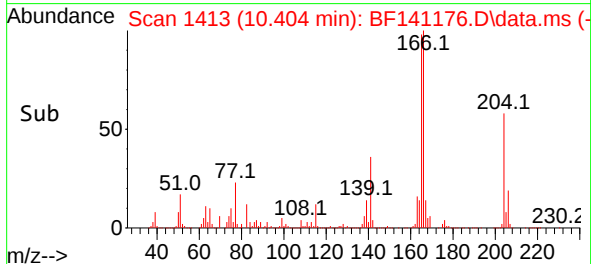
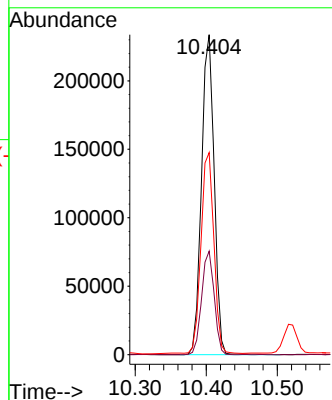
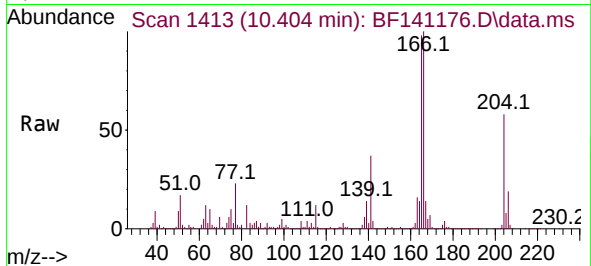




#61
4-Chlorophenyl-phenylether
Concen: 31.619 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

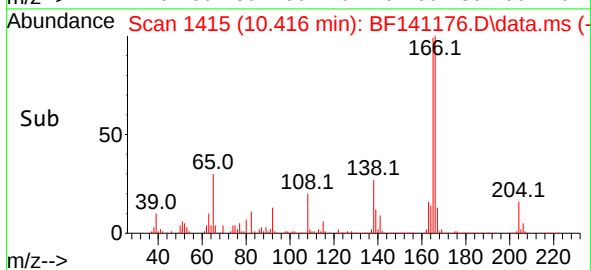
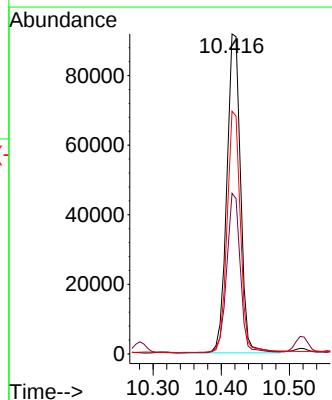
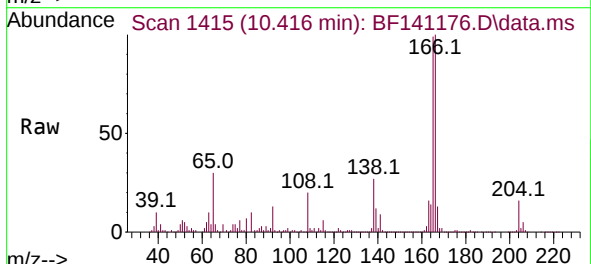
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

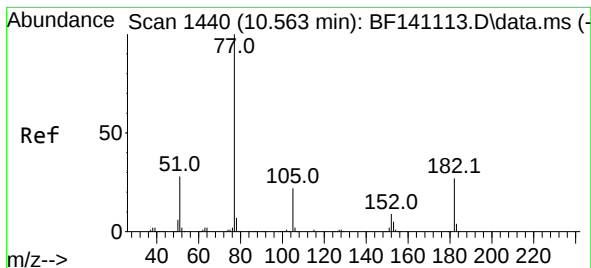
Tgt Ion:204 Resp: 289829
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 28.115 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:138 Resp: 128687
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 75.9 53.7 93.7





#63

Azobenzene

Concen: 33.284 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

Tgt Ion: 77 Resp: 634488

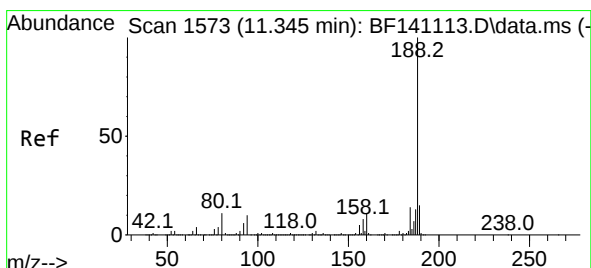
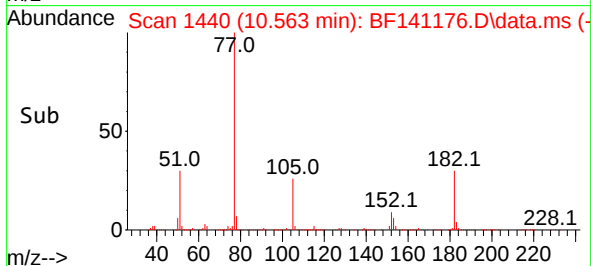
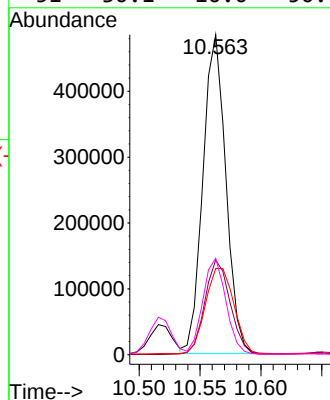
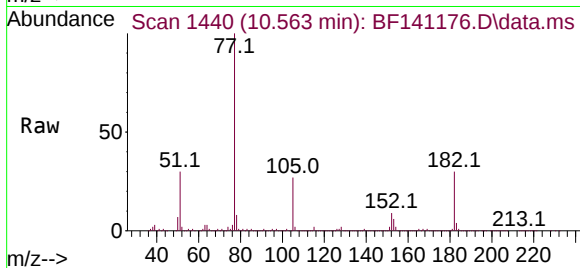
Ion Ratio Lower Upper

77 100

182 29.6 6.1 46.1

105 27.0 2.1 42.1

51 30.1 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

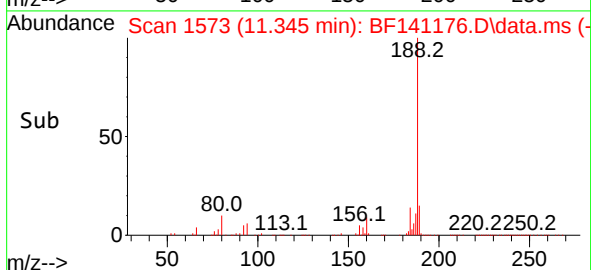
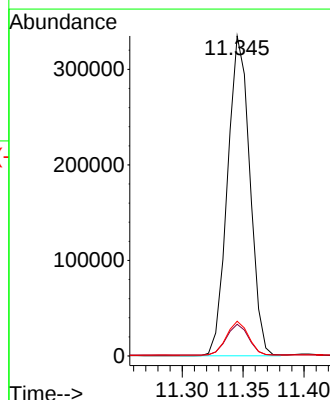
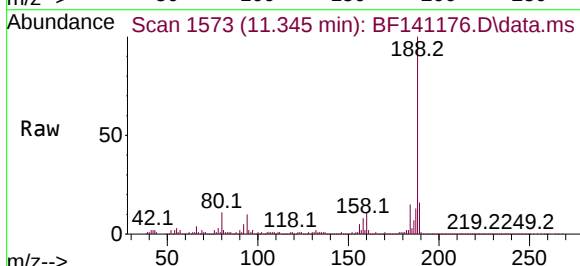
Tgt Ion: 188 Resp: 427420

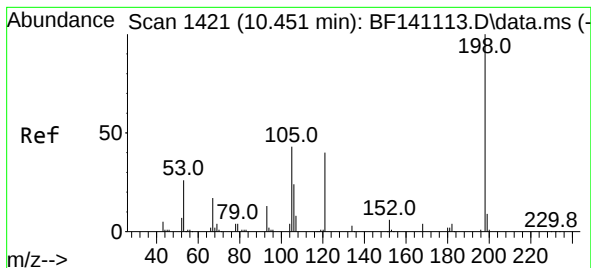
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.8 9.0 13.4

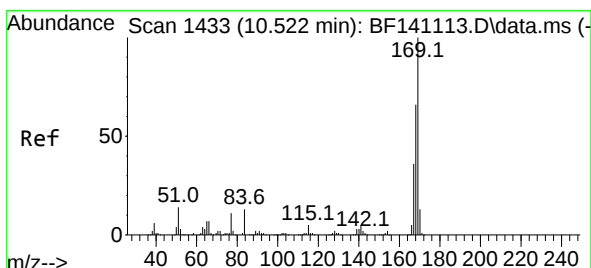
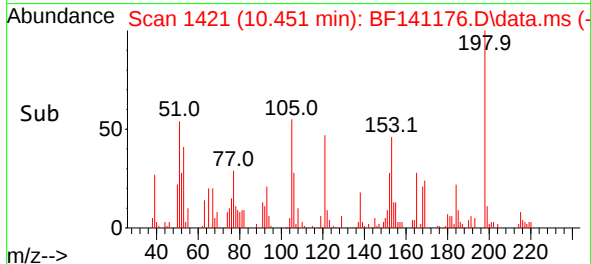
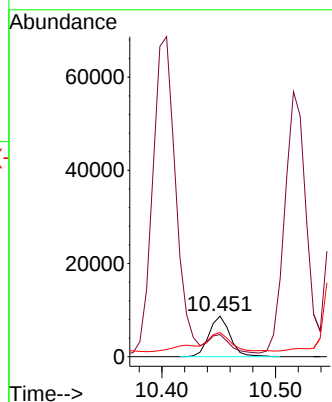
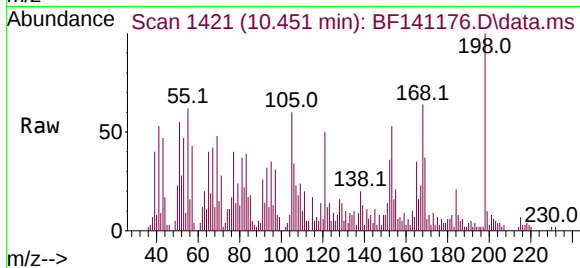




#65
4,6-Dinitro-2-methylphenol
Concen: 4.520 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

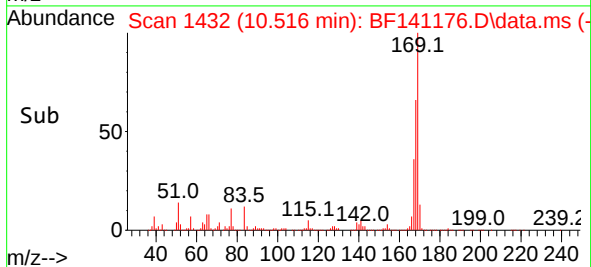
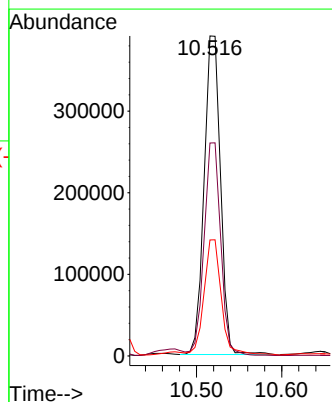
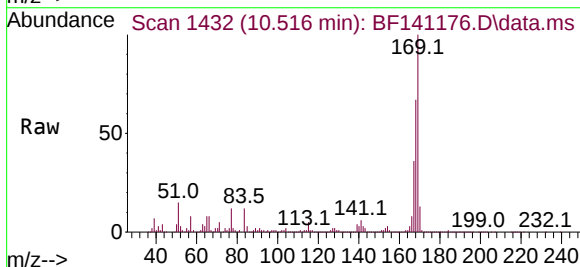
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Tgt Ion:198 Resp: 11195
Ion Ratio Lower Upper
198 100
51 54.6 27.1 67.1
105 59.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 37.894 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:169 Resp: 522412
Ion Ratio Lower Upper
169 100
168 66.6 52.5 78.7
167 36.3 28.9 43.3

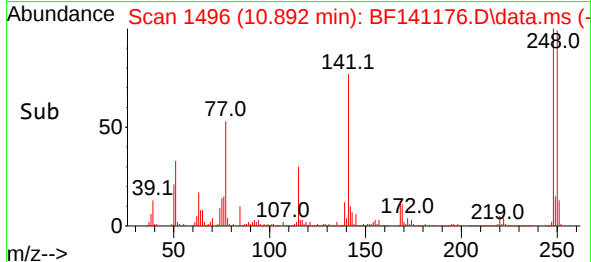
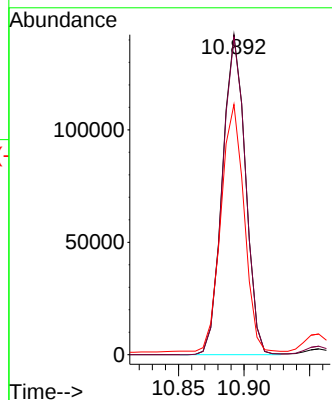
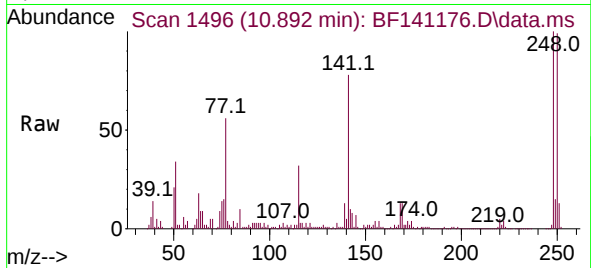




#67
4-Bromophenyl-phenylether
Concen: 35.228 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

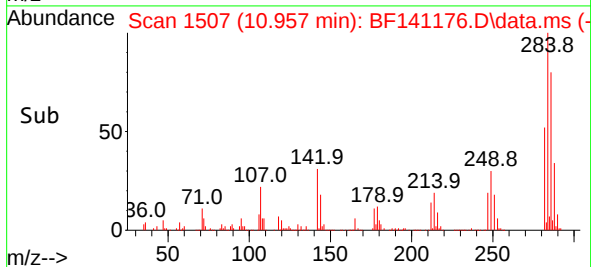
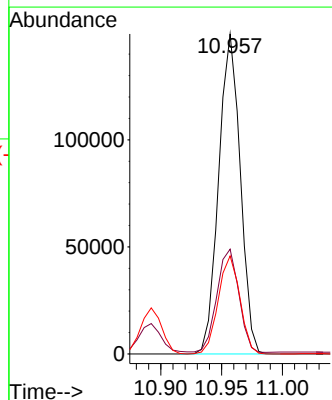
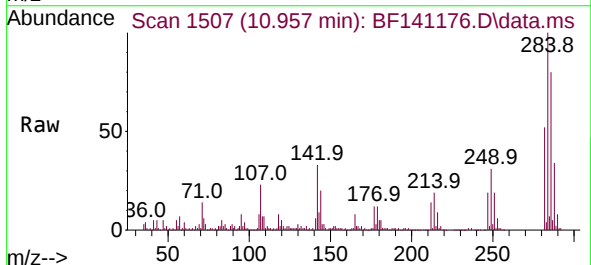
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

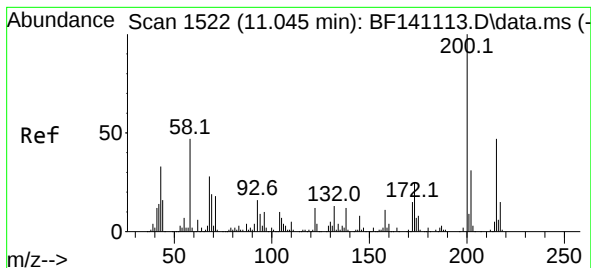
Tgt Ion:248 Resp: 173354
Ion Ratio Lower Upper
248 100
250 99.3 77.9 116.9
141 78.2 59.9 89.9



#68
Hexachlorobenzene
Concen: 33.626 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:284 Resp: 184199
Ion Ratio Lower Upper
284 100
142 32.7 26.3 39.5
249 30.6 24.9 37.3





#69

Atrazine

Concen: 44.950 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

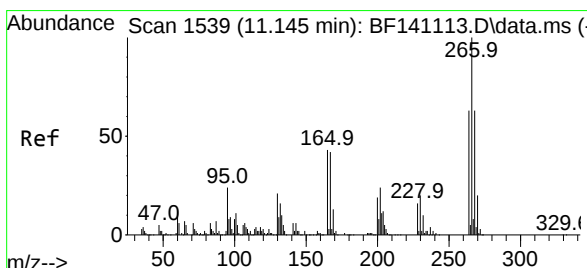
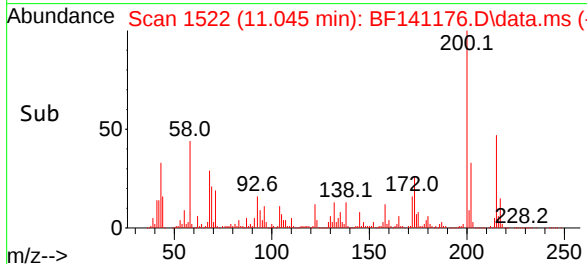
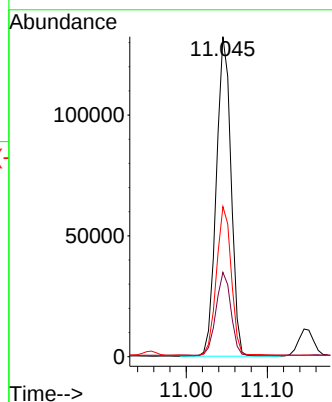
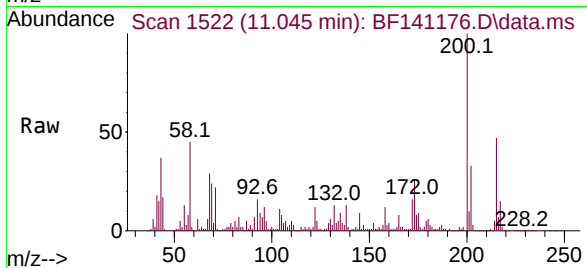
Tgt Ion:200 Resp: 166855

Ion Ratio Lower Upper

200 100

173 26.4 5.4 45.4

215 46.9 26.6 66.6



#70

Pentachlorophenol

Concen: 22.862 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

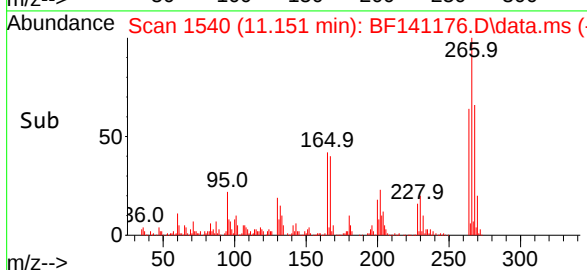
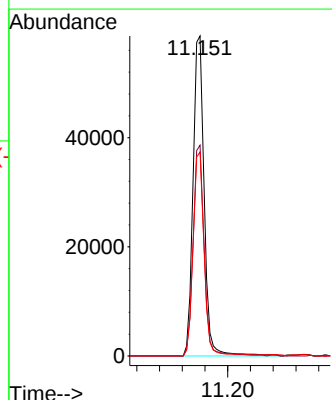
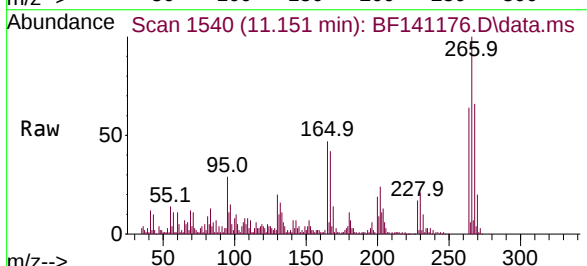
Tgt Ion:266 Resp: 80199

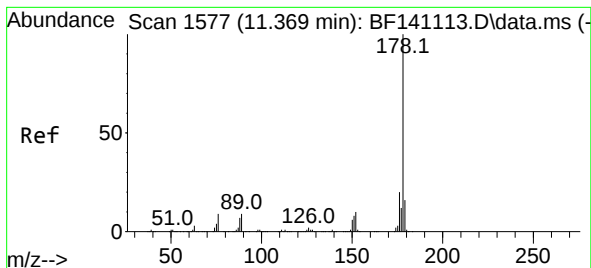
Ion Ratio Lower Upper

266 100

268 65.9 50.4 75.6

264 63.7 50.2 75.2





#71

Phenanthrene

Concen: 40.461 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

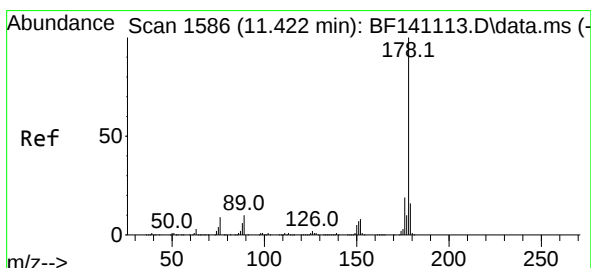
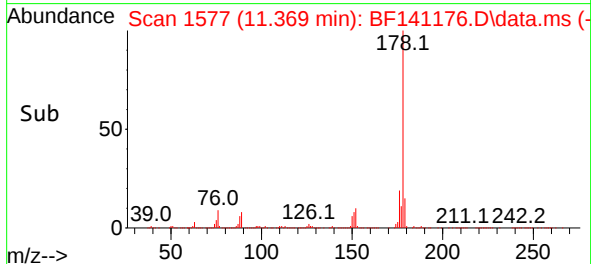
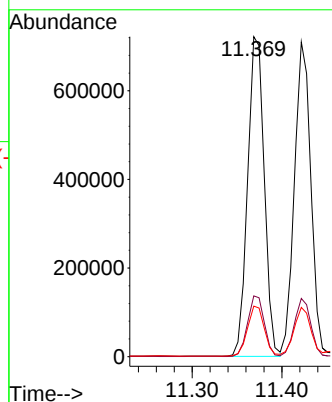
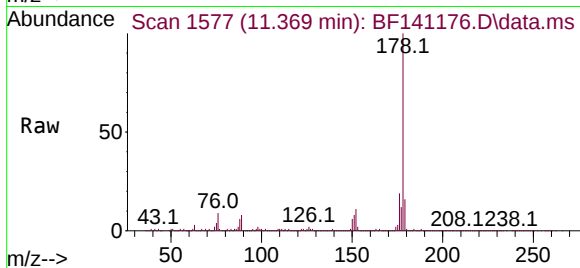
Tgt Ion:178 Resp: 928440

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 40.638 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

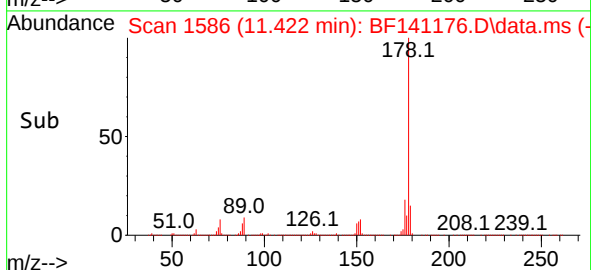
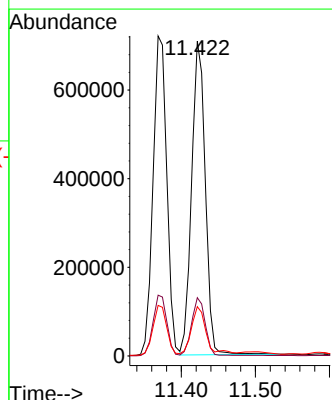
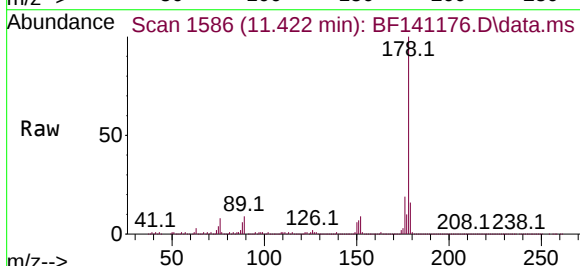
Tgt Ion:178 Resp: 906732

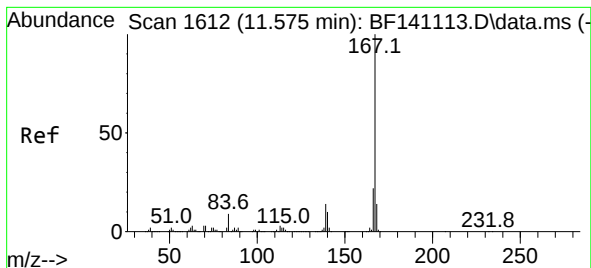
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.7 12.6 19.0





#73

Carbazole

Concen: 32.941 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

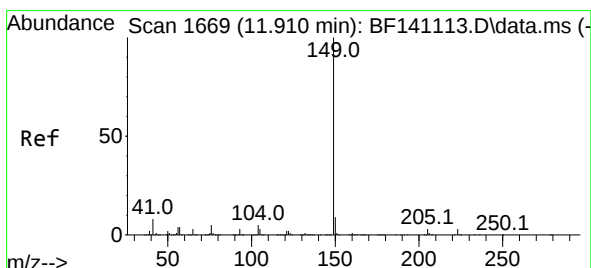
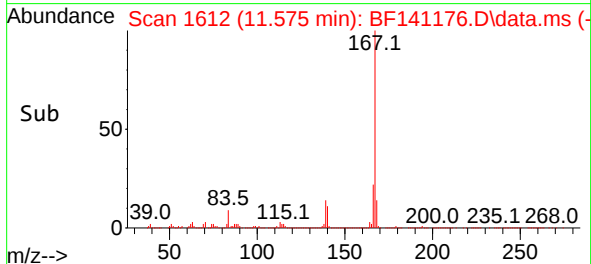
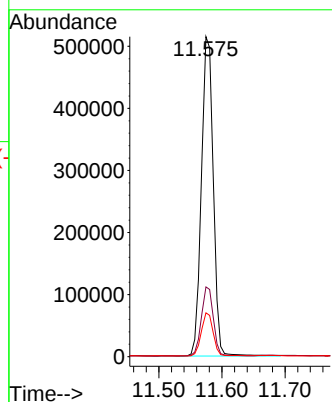
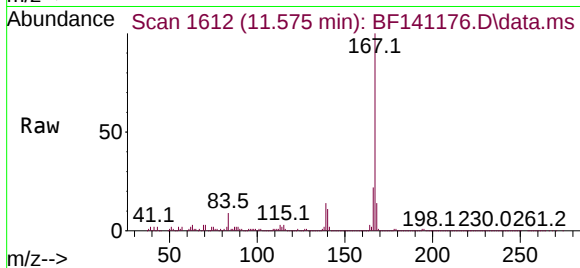
Tgt Ion:167 Resp: 673943

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 35.379 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

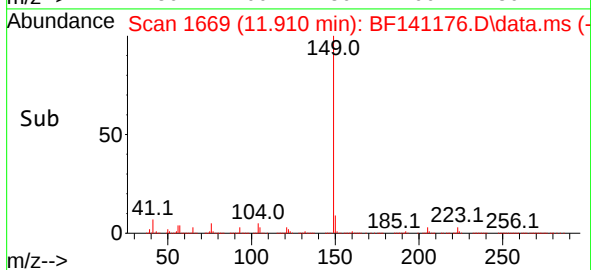
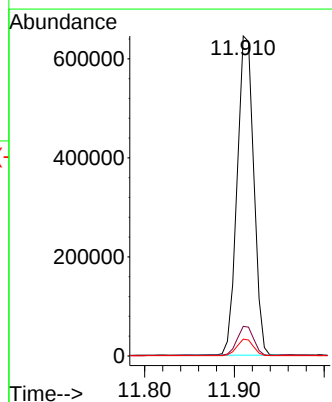
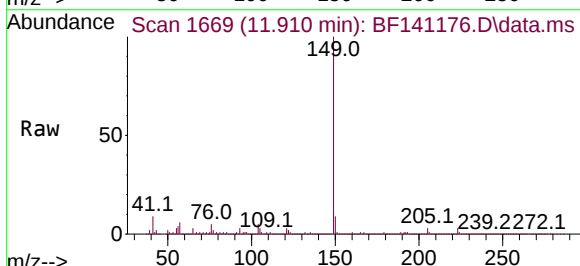
Tgt Ion:149 Resp: 828354

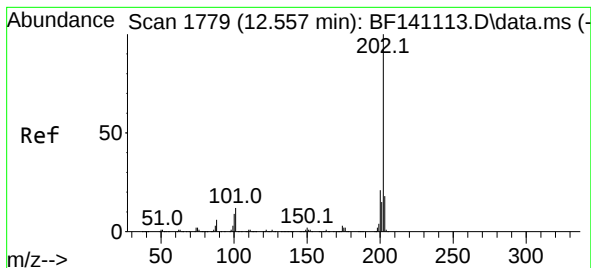
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 42.207 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

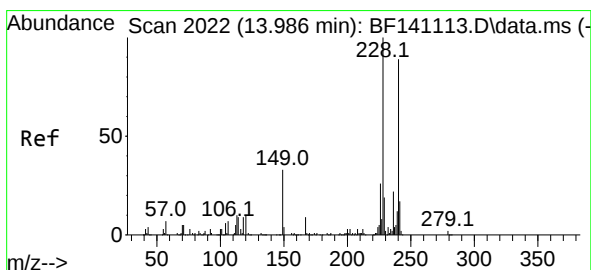
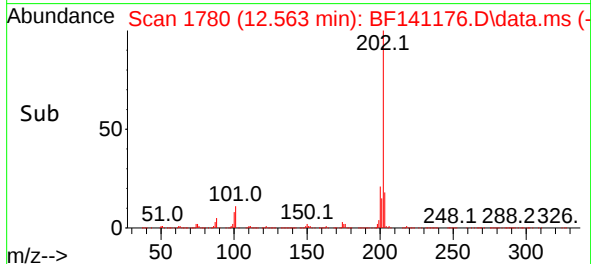
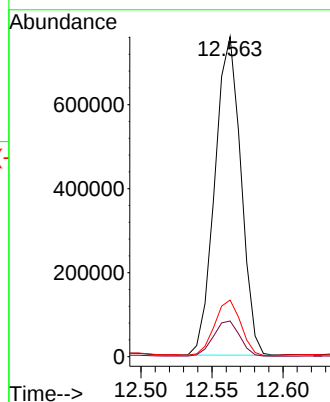
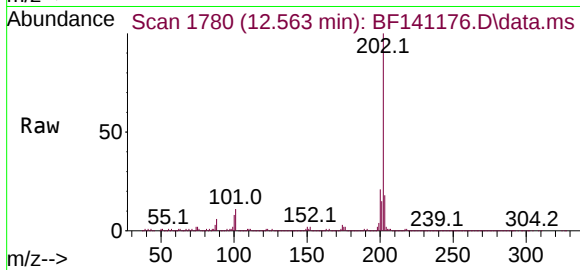
Tgt Ion:202 Resp: 966493

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.3

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

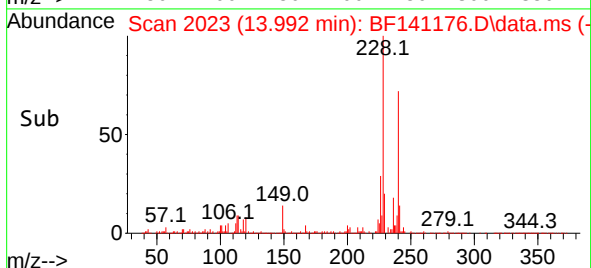
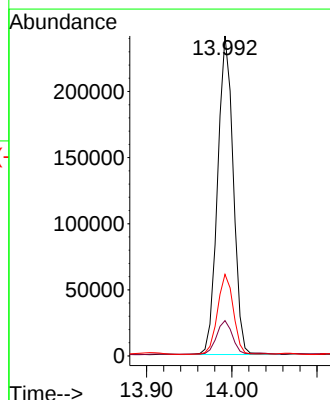
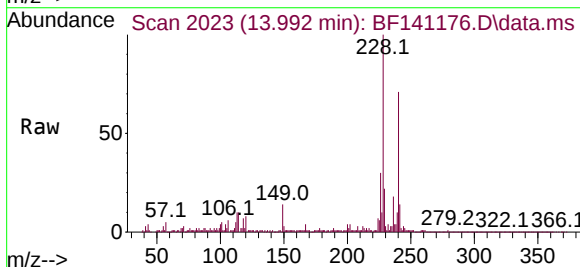
Tgt Ion:240 Resp: 307236

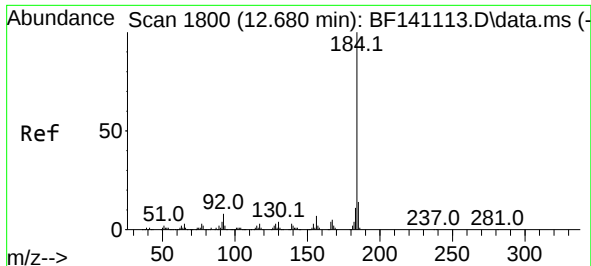
Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

236 25.5 19.8 29.6

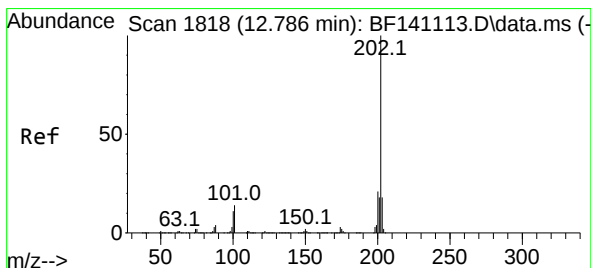
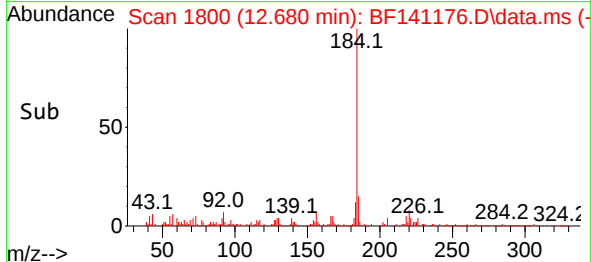
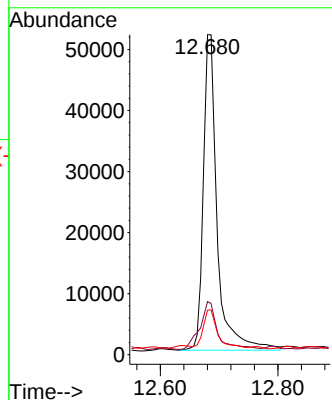
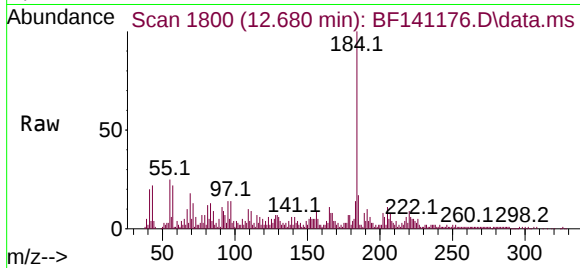




#77
Benzidine
Concen: 14.811 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

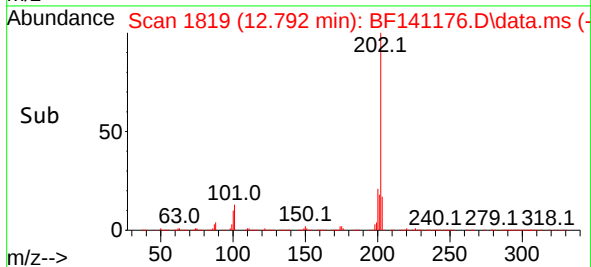
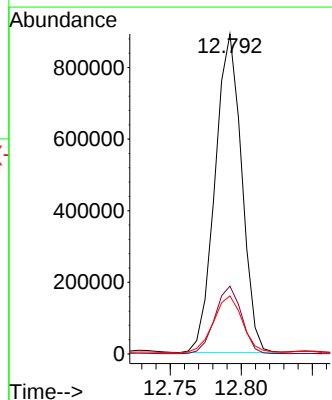
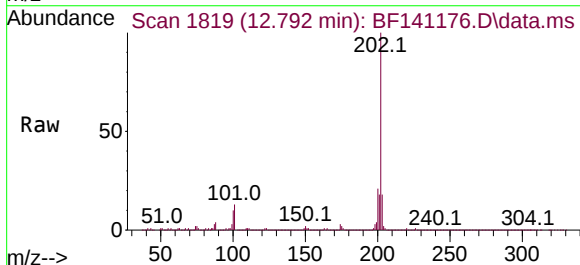
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

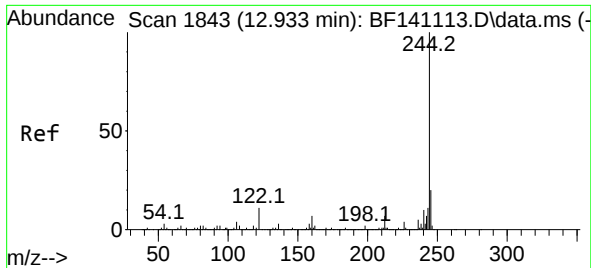
Tgt Ion:184 Resp: 84383
Ion Ratio Lower Upper
184 100
185 16.6 11.4 17.0
183 13.9 9.2 13.8#



#78
Pyrene
Concen: 39.496 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:202 Resp: 1159012
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.1 14.3 21.5

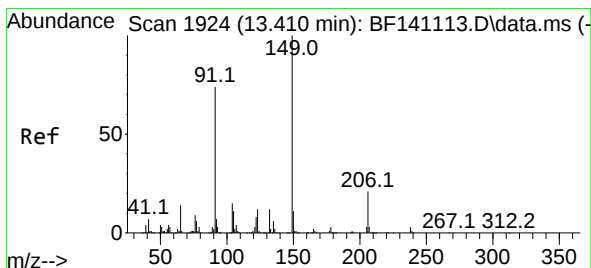
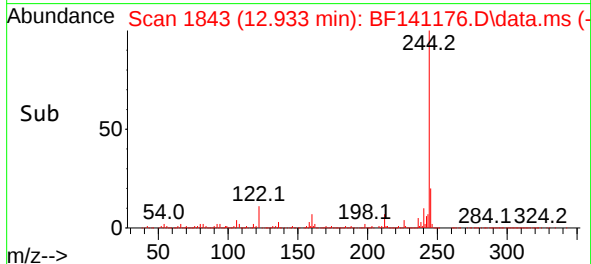
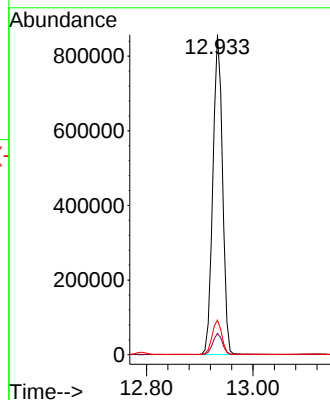
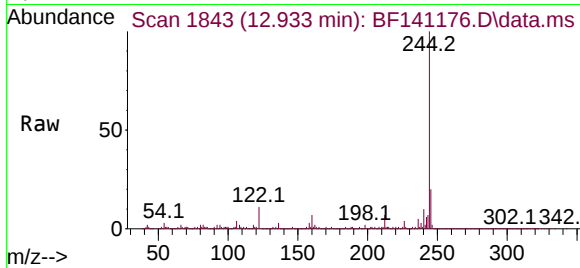




#79
 Terphenyl-d14
 Concen: 52.280 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF141176.D
 Acq: 15 Jan 2025 16:40

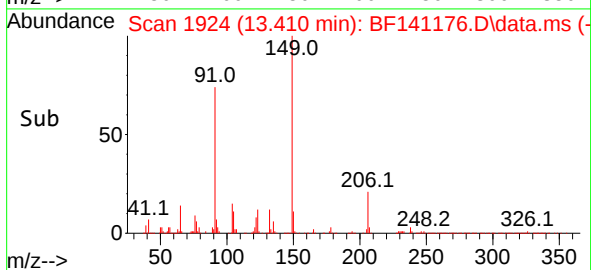
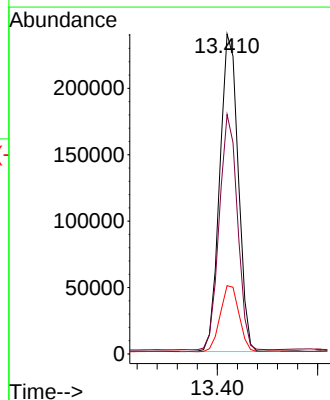
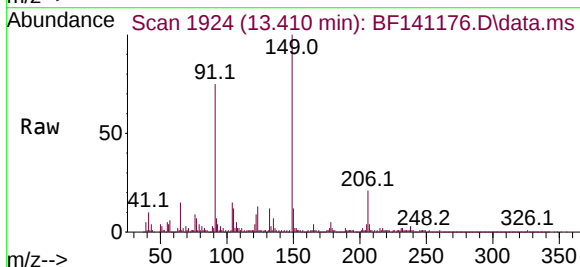
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-1-10-2025MSD

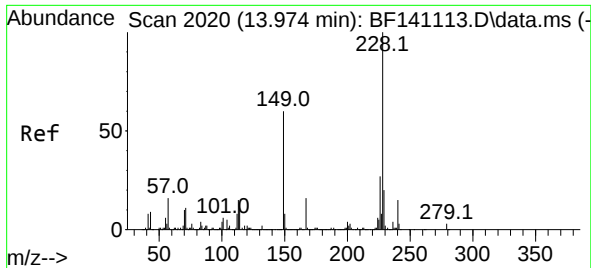
Tgt Ion:244 Resp: 1080678
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 31.209 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF141176.D
 Acq: 15 Jan 2025 16:40

Tgt Ion:149 Resp: 305345
 Ion Ratio Lower Upper
 149 100
 91 74.9 59.0 88.6
 206 21.4 16.5 24.7

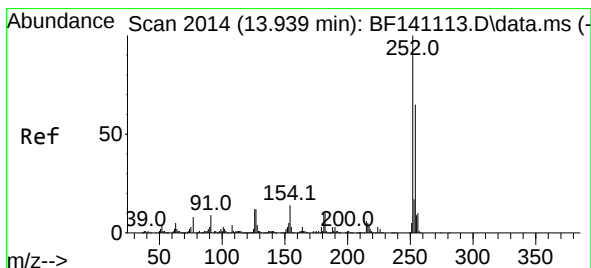
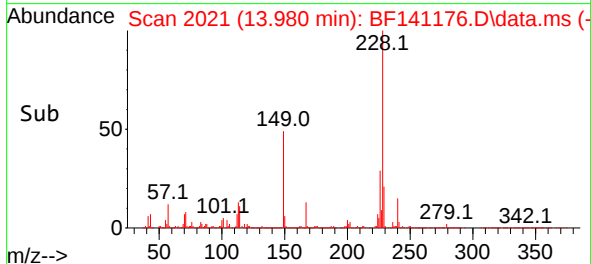
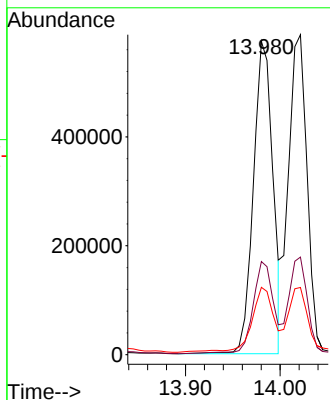
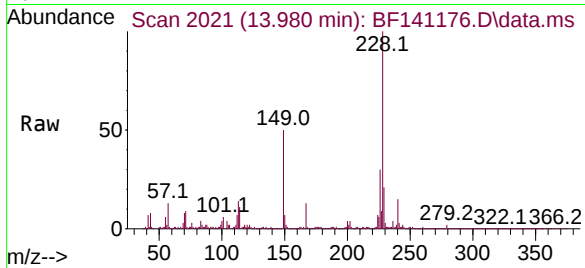




#81
Benzo(a)anthracene
Concen: 39.257 ng
RT: 13.980 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

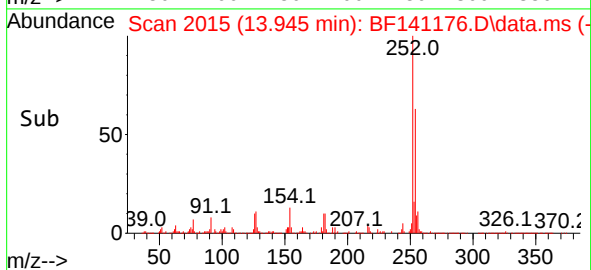
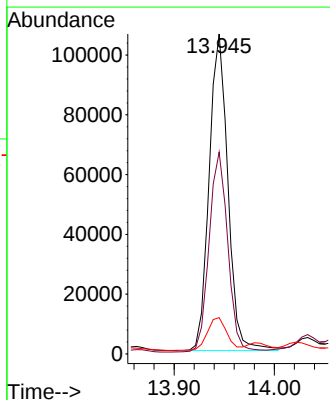
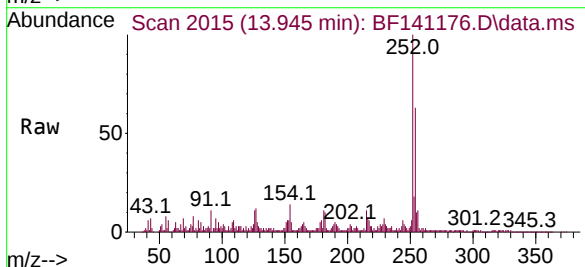
Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

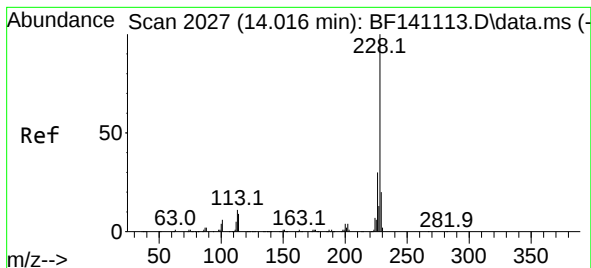
Tgt Ion:228 Resp: 820834
Ion Ratio Lower Upper
228 100
226 29.8 21.7 32.5
229 21.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 20.639 ng
RT: 13.945 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF141176.D
Acq: 15 Jan 2025 16:40

Tgt Ion:252 Resp: 137413
Ion Ratio Lower Upper
252 100
254 63.1 52.0 78.0
126 11.4 9.4 14.0





#83

Chrysene

Concen: 40.674 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

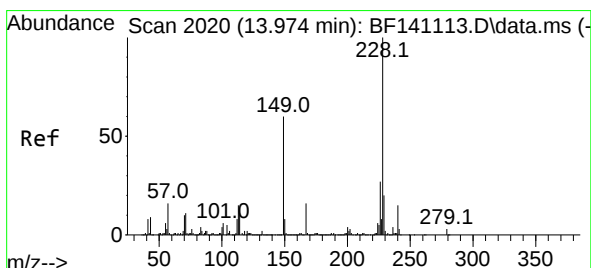
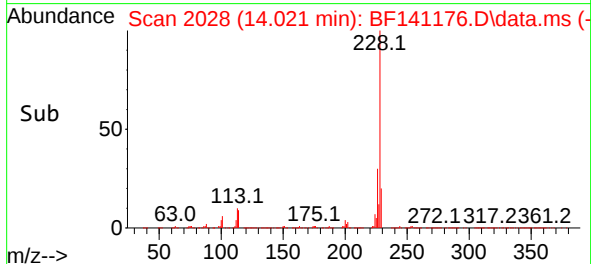
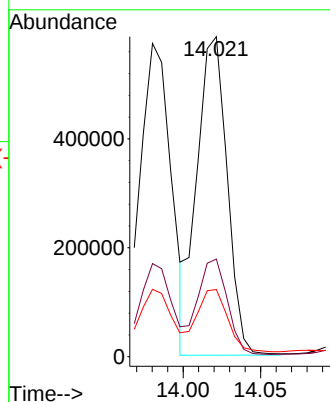
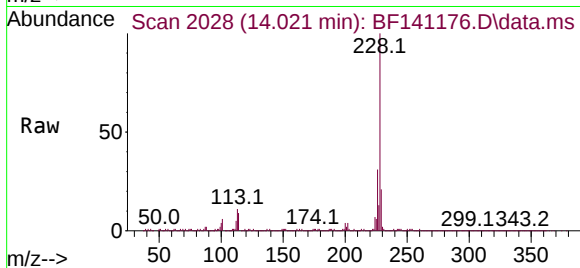
Tgt Ion:228 Resp: 795763

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 21.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.743 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

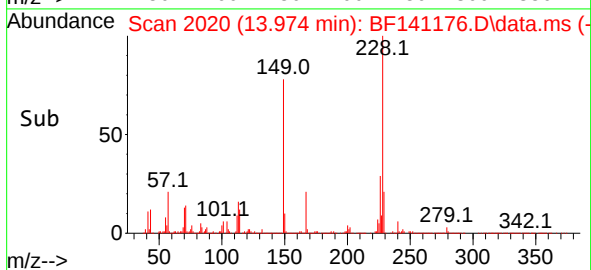
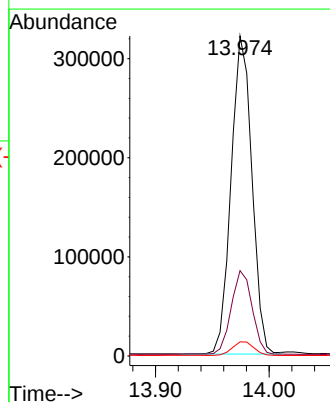
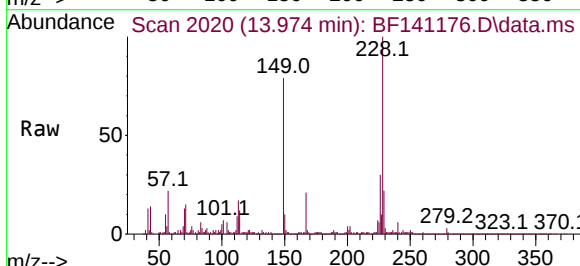
Tgt Ion:149 Resp: 407859

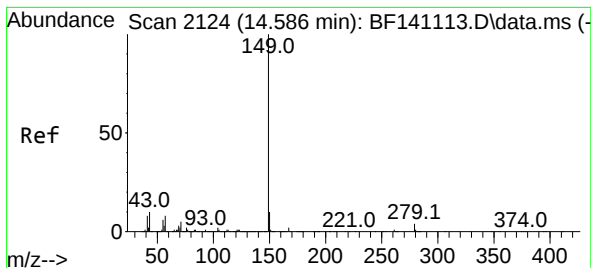
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 37.454 ng

RT: 14.604 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

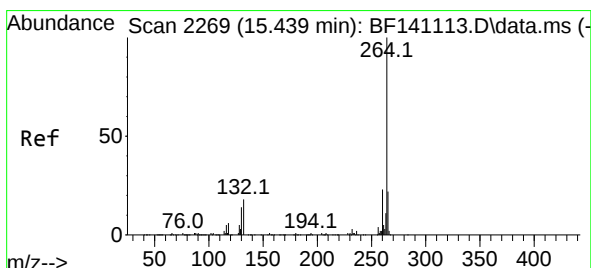
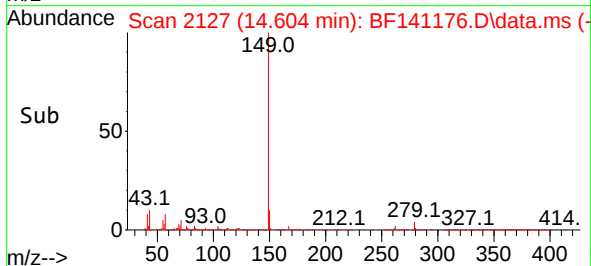
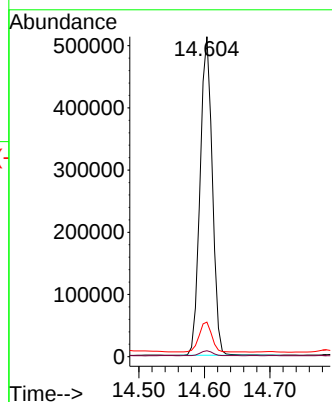
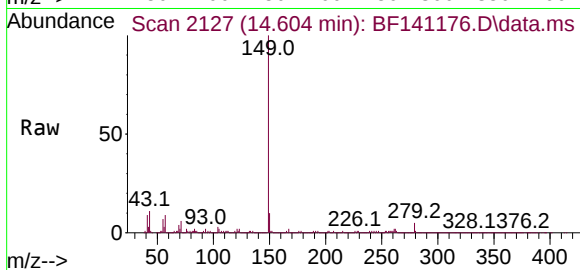
Tgt Ion:149 Resp: 663939

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.029 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

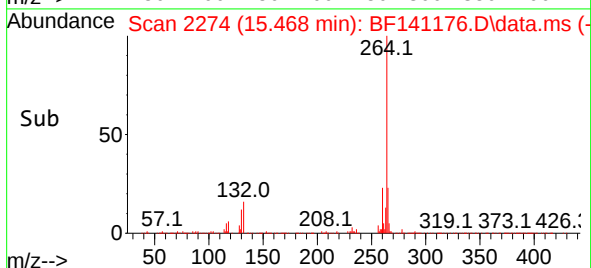
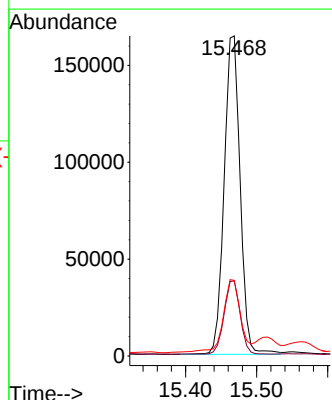
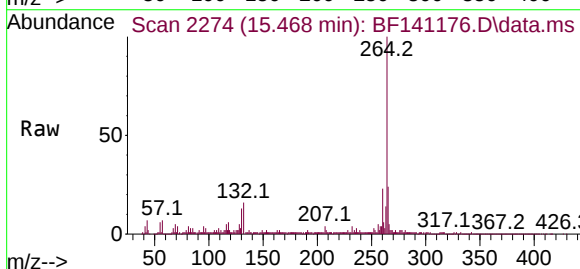
Tgt Ion:264 Resp: 256318

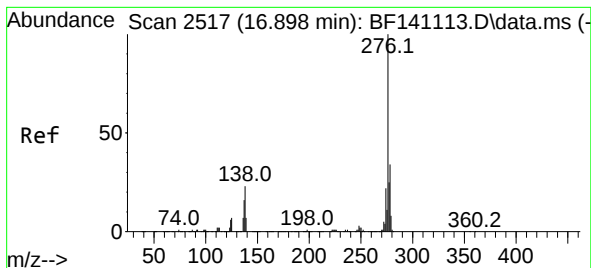
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 23.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.986 ng

RT: 16.927 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

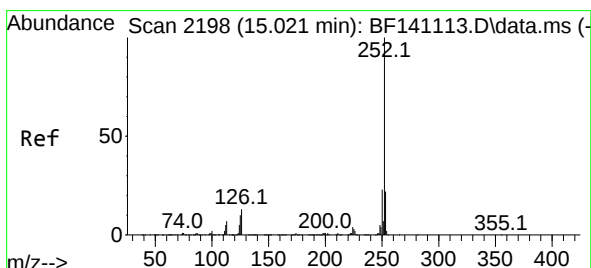
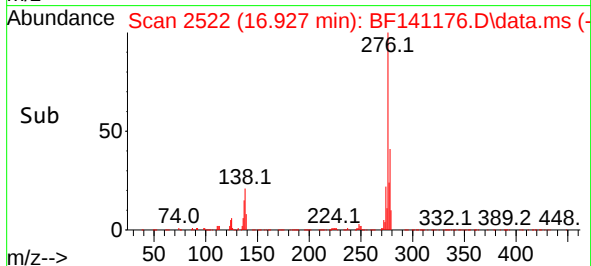
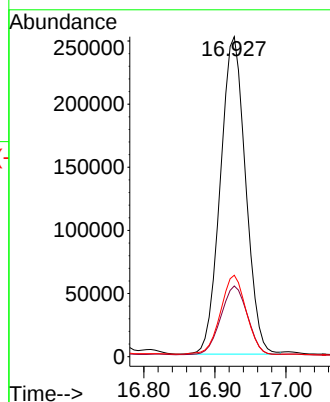
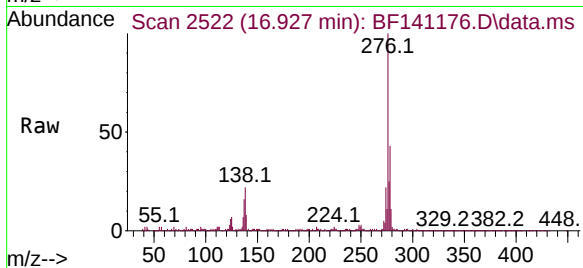
Tgt Ion:276 Resp: 619424

Ion Ratio Lower Upper

276 100

138 22.9 20.7 31.1

277 25.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 48.220 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.024 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

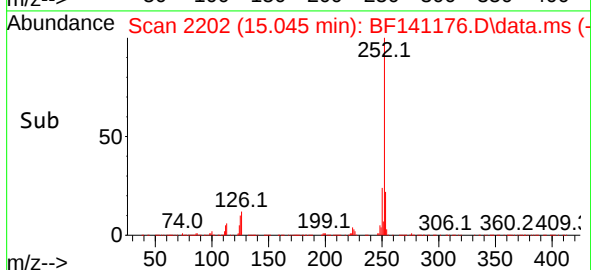
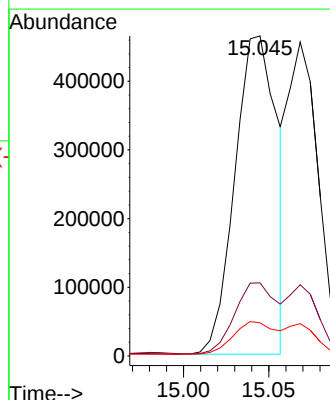
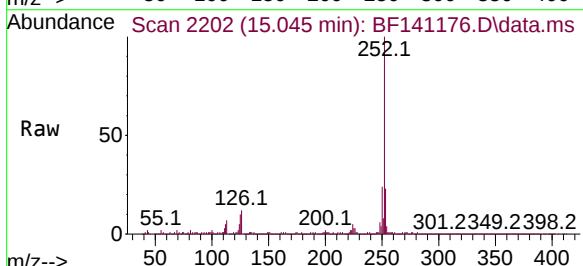
Tgt Ion:252 Resp: 796990

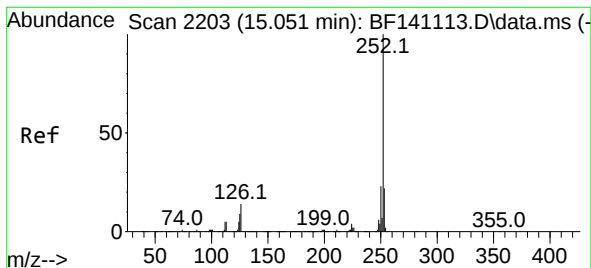
Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 10.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 40.280 ng m

RT: 15.068 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

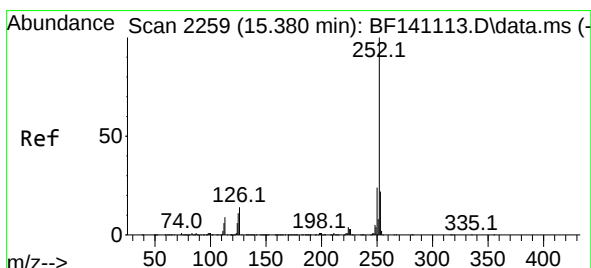
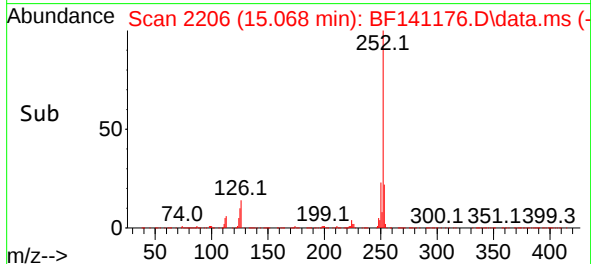
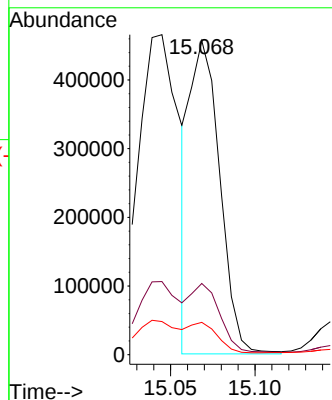
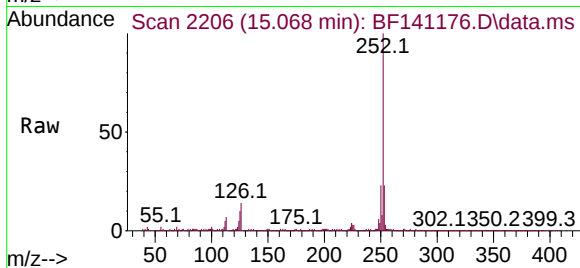
Tgt Ion:252 Resp: 562619

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 52.390 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.024 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

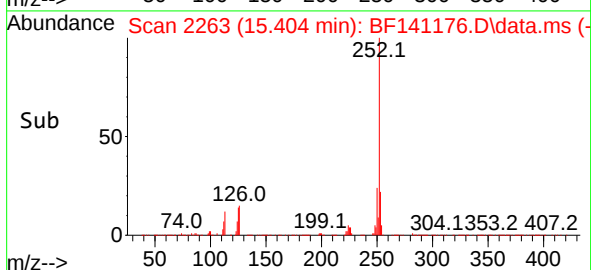
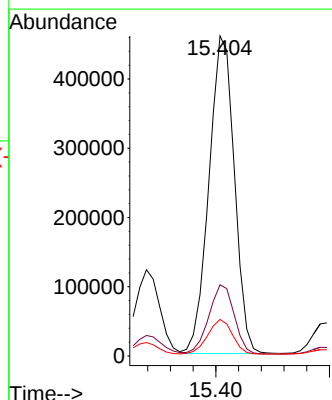
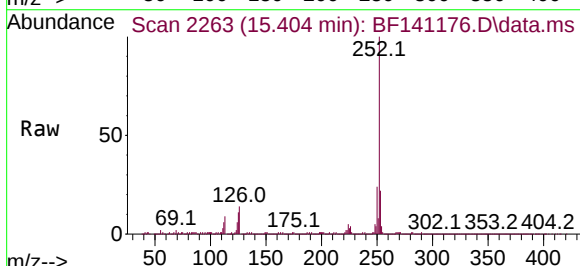
Tgt Ion:252 Resp: 714424

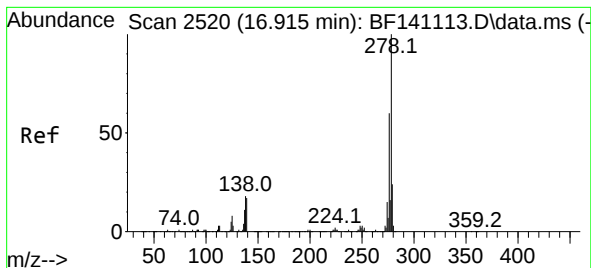
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.4 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 27.827 ng

RT: 16.945 min Scan# 2525

Delta R.T. 0.029 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Instrument :

BNA_F

ClientSampleId :

TR-06-1-10-2025MSD

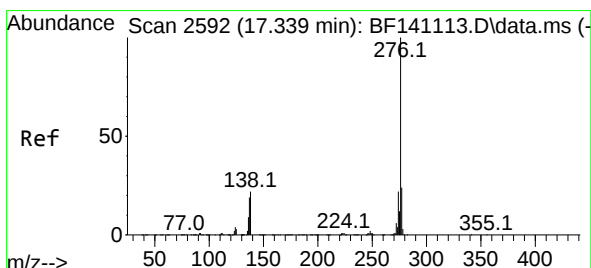
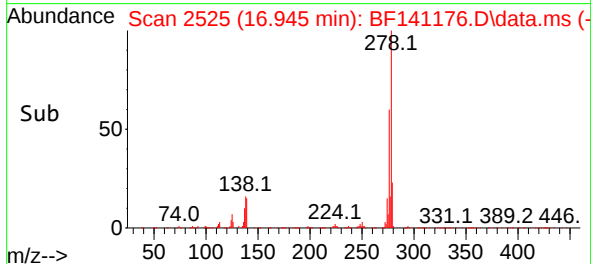
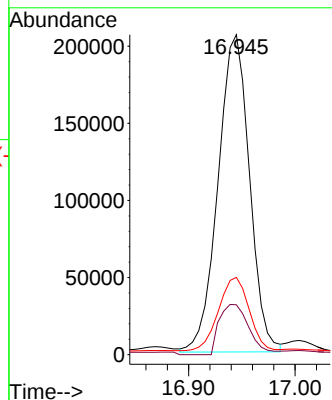
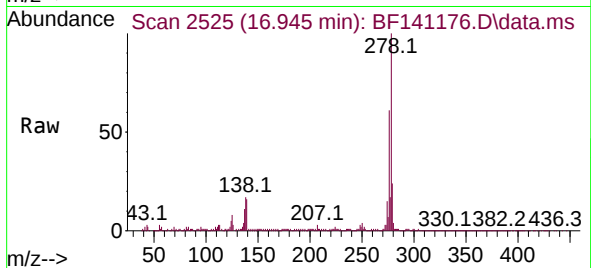
Tgt Ion:278 Resp: 422648

Ion Ratio Lower Upper

278 100

139 15.6 13.8 20.6

279 24.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 34.878 ng

RT: 17.368 min Scan# 2597

Delta R.T. 0.029 min

Lab File: BF141176.D

Acq: 15 Jan 2025 16:40

Tgt Ion:276 Resp: 551001

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.5 17.4 26.2

