

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141876.D
 Acq On : 06 Mar 2025 18:58
 Operator : RC/JU
 Sample : Q1492-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD

Quant Time: Mar 07 00:20:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	165879	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	641339	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	343104	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	535087	20.000	ng	0.00
76) Chrysene-d12	14.045	240	408916	20.000	ng	0.00
86) Perylene-d12	15.521	264	392870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1053716	101.446	ng	0.00
7) Phenol-d6	6.510	99	1349756	99.837	ng	0.00
23) Nitrobenzene-d5	7.445	82	885873	88.292	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	412077	127.930	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1701534	79.519	ng	0.00
79) Terphenyl-d14	12.992	244	1738196	68.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	189030	40.108	ng	96
3) Pyridine	3.493	79	439346	37.466	ng	96
4) n-Nitrosodimethylamine	3.428	42	225946	40.044	ng	# 95
6) Aniline	6.545	93	263363	18.738	ng	98
8) 2-Chlorophenol	6.669	128	496022	44.145	ng	95
9) Benzaldehyde	6.434	77	172920	21.989	ng	98
10) Phenol	6.522	94	595810	41.241	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	448513	40.728	ng	95
12) 1,3-Dichlorobenzene	6.828	146	527851	43.866	ng	99
13) 1,4-Dichlorobenzene	6.904	146	525467	43.339	ng	100
14) 1,2-Dichlorobenzene	7.057	146	502115	44.349	ng	99
15) Benzyl Alcohol	7.022	79	439921	40.715	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	556085	33.251	ng	95
17) 2-Methylphenol	7.134	107	393992	42.480	ng	99
18) Hexachloroethane	7.398	117	195738	43.133	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	335961	37.803	ng	98
20) 3+4-Methylphenols	7.281	107	498449	43.160	ng	95
22) Acetophenone	7.293	105	735580	47.093	ng	99
24) Nitrobenzene	7.463	77	517248	48.141	ng	99
25) Isophorone	7.704	82	922364	42.790	ng	99
26) 2-Nitrophenol	7.781	139	253903	52.435	ng	97
27) 2,4-Dimethylphenol	7.816	122	418965	52.875	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	547974	39.852	ng	99
29) 2,4-Dichlorophenol	8.016	162	406039	44.420	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	440747	44.002	ng	100
31) Naphthalene	8.187	128	1426633	43.281	ng	99
32) Benzoic acid	7.922	122	297673	45.490	ng	97
33) 4-Chloroaniline	8.234	127	98459	8.147	ng	98
34) Hexachlorobutadiene	8.304	225	284215	45.662	ng	99
35) Caprolactam	8.598	113	93484	33.244	ng	# 86
36) 4-Chloro-3-methylphenol	8.710	107	437995	43.133	ng	99
37) 2-Methylnaphthalene	8.881	142	895702	41.429	ng	100
38) 1-Methylnaphthalene	8.981	142	871992	42.033	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	501259	50.585	ng	99
41) Hexachlorocyclopentadiene	9.034	237	621666	150.328	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	293240	45.812	ng	99

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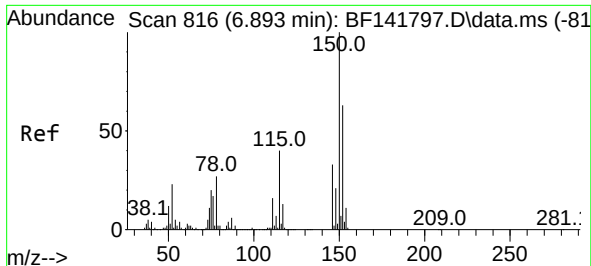
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	302356	47.702	ng	98
46) 1,1'-Biphenyl	9.345	154	1284202	49.174	ng	98
47) 2-Chloronaphthalene	9.369	162	873028	45.293	ng	99
48) 2-Nitroaniline	9.457	65	270419	50.959	ng	97
49) Acenaphthylene	9.781	152	1310365	45.342	ng	100
50) Dimethylphthalate	9.639	163	1047770	45.601	ng	100
51) 2,6-Dinitrotoluene	9.698	165	218549	49.620	ng	97
52) Acenaphthene	9.957	154	940623	48.237	ng	99
53) 3-Nitroaniline	9.869	138	123441	27.702	ng	# 92
54) 2,4-Dinitrophenol	9.975	184	175151	84.922	ng	# 1
55) Dibenzofuran	10.128	168	1220355	42.997	ng	100
56) 4-Nitrophenol	10.022	139	345342	101.763	ng	97
57) 2,4-Dinitrotoluene	10.104	165	287461	53.135	ng	91
58) Fluorene	10.469	166	943758	44.391	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	252533	45.810	ng	99
60) Diethylphthalate	10.339	149	1012899	43.974	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	479447	45.010	ng	99
62) 4-Nitroaniline	10.481	138	173517	44.221	ng	98
63) Azobenzene	10.622	77	1021007	42.098	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	112730	45.291	ng	89
66) n-Nitrosodiphenylamine	10.581	169	822515	46.813	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	294514	47.122	ng	99
68) Hexachlorobenzene	11.016	284	325688	49.348	ng	98
69) Atrazine	11.104	200	310940	64.353	ng	100
70) Pentachlorophenol	11.210	266	399912	95.539	ng	99
71) Phenanthrene	11.433	178	1307483	45.681	ng	100
72) Anthracene	11.480	178	1306433	45.543	ng	99
73) Carbazole	11.633	167	1115639	44.042	ng	99
74) Di-n-butylphthalate	11.969	149	1414226	44.044	ng	99
75) Fluoranthene	12.616	202	1276768	43.534	ng	97
77) Benzidine	12.986	184	24503	4.761	ng	# 82
78) Pyrene	12.845	202	1302226	36.776	ng	99
80) Butylbenzylphthalate	13.469	149	536612	41.711	ng	98
81) Benzo(a)anthracene	14.039	228	1209514	44.781	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	20307	2.621	ng	# 87
83) Chrysene	14.074	228	1084992	43.577	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	725244	45.274	ng	99
85) Di-n-octyl phthalate	14.639	149	1216781	50.737	ng	96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1066521	42.632	ng	95
88) Benzo(b)fluoranthene	15.092	252	1168709	43.672	ng	99
89) Benzo(k)fluoranthene	15.121	252	1105159	48.587	ng	99
90) Benzo(a)pyrene	15.463	252	1023157	47.673	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	901828	44.164	ng	97
92) Benzo(g,h,i)perylene	17.462	276	791785	37.849	ng	96

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

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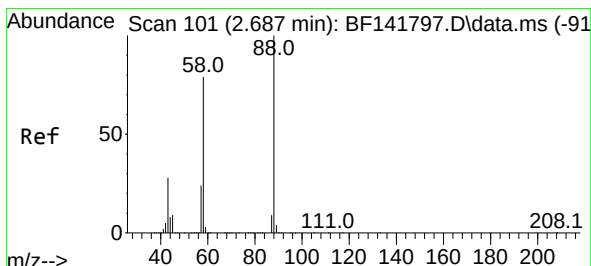
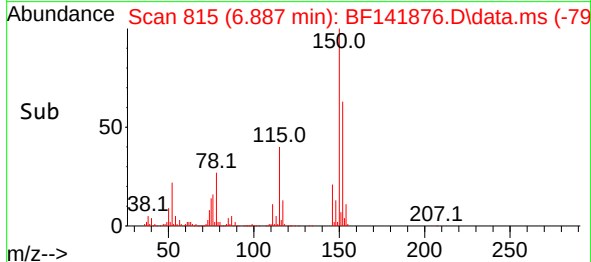
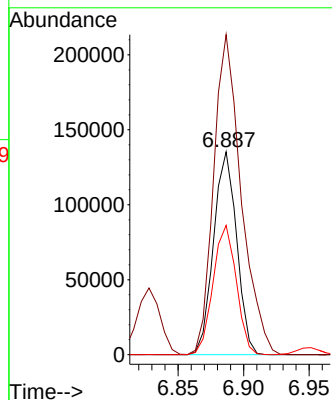
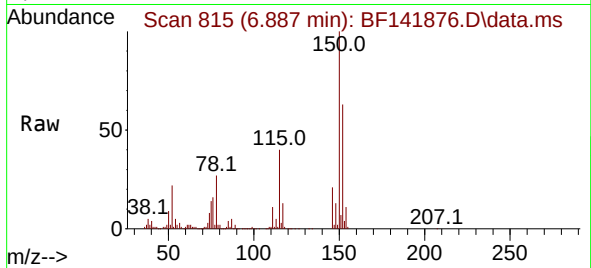




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

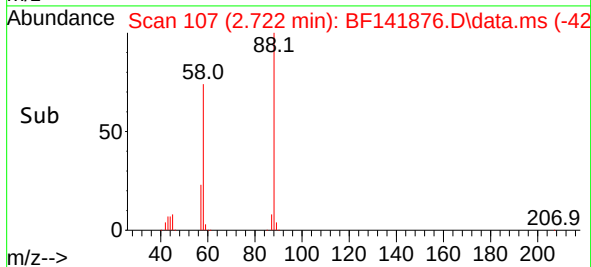
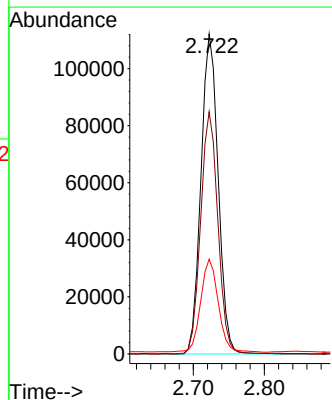
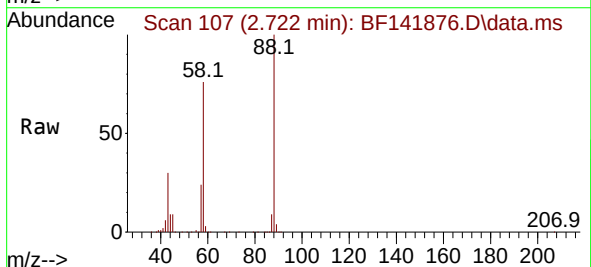
Instrument :
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 ClientSampleId :
 RHL1PXIMSD

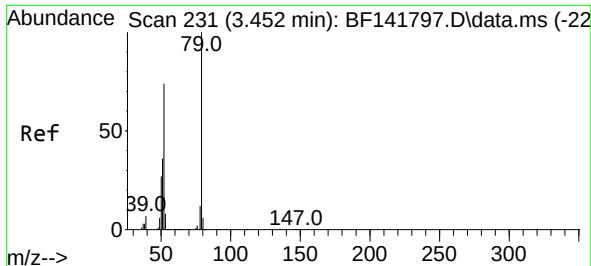
Tgt Ion:152 Resp: 165879
 Ion Ratio Lower Upper
 152 100
 150 157.7 127.5 191.3
 115 63.7 51.4 77.2



#2
 1,4-Dioxane
 Concen: 40.108 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.035 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Tgt Ion: 88 Resp: 189030
 Ion Ratio Lower Upper
 88 100
 58 75.9 63.9 95.9
 43 29.9 23.0 34.6





#3

Pyridine

Concen: 37.466 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

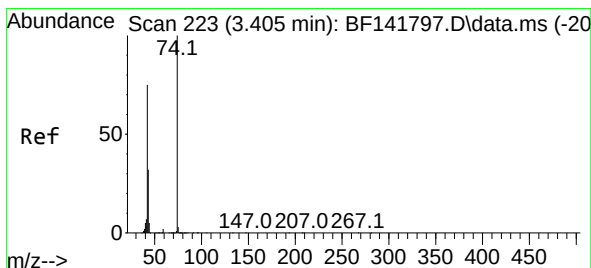
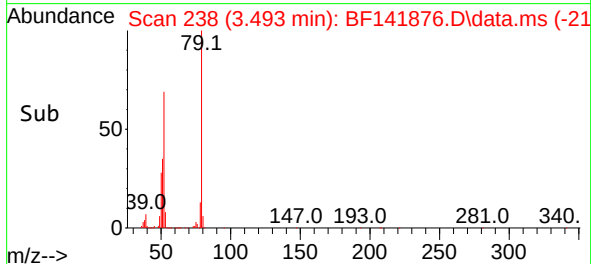
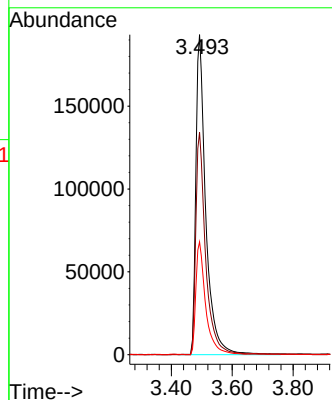
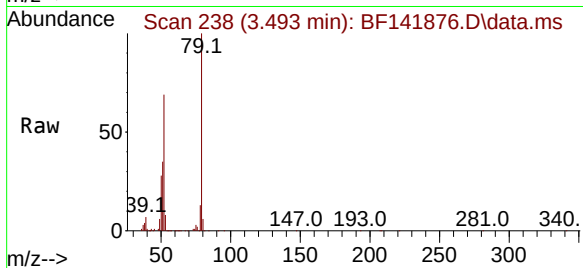
Tgt Ion: 79 Resp: 439346

Ion Ratio Lower Upper

79 100

52 69.5 59.0 88.4

51 35.3 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 40.044 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.023 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

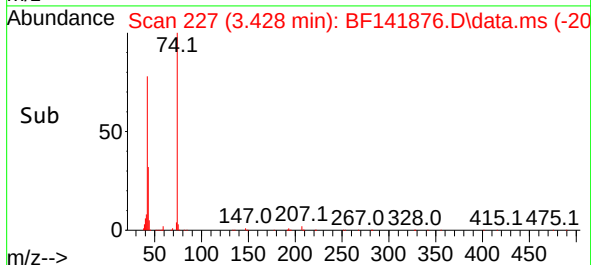
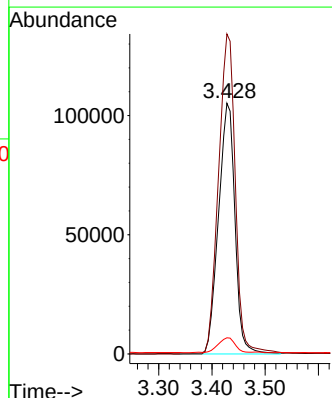
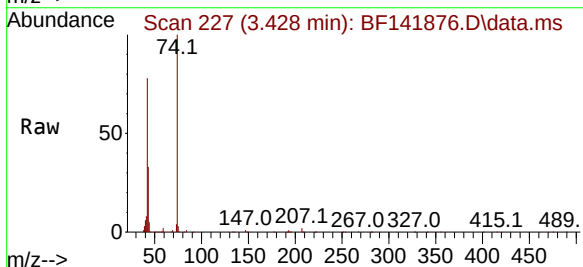
Tgt Ion: 42 Resp: 225946

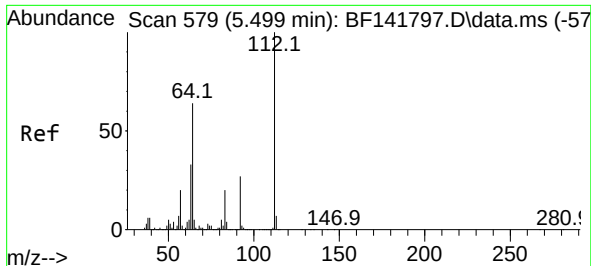
Ion Ratio Lower Upper

42 100

74 127.6 107.1 160.7

44 6.5 6.6 9.8#

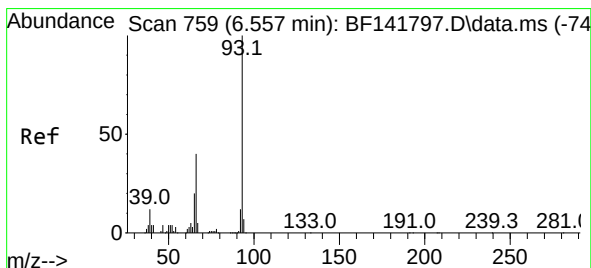
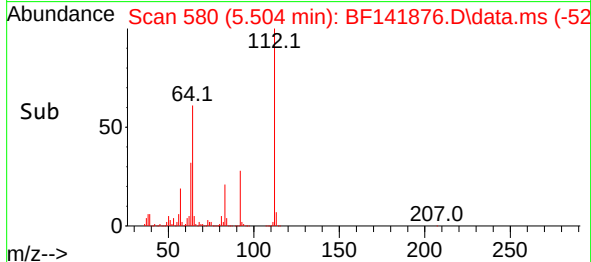
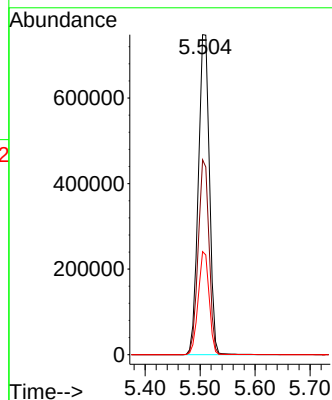
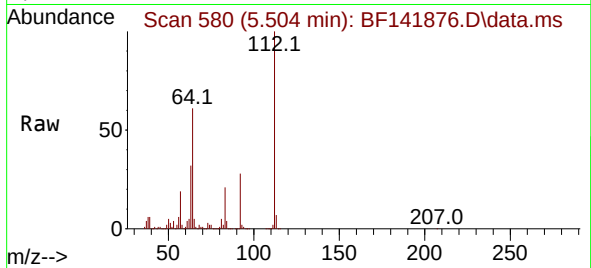




#5
2-Fluorophenol
Concen: 101.446 ng
RT: 5.504 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

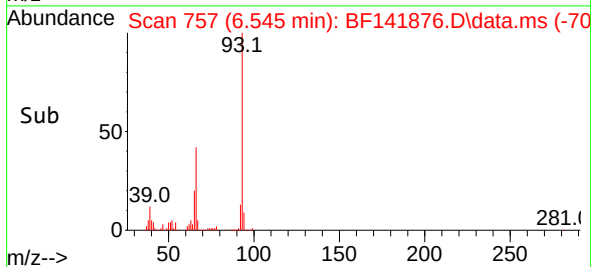
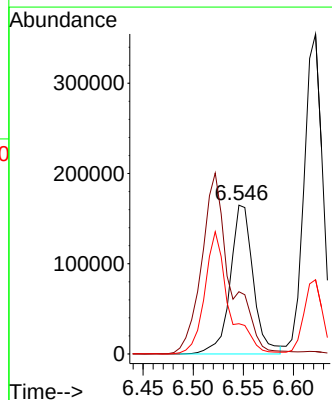
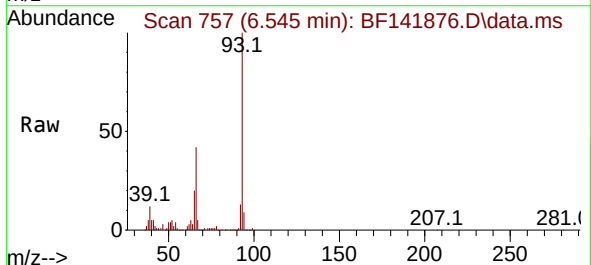
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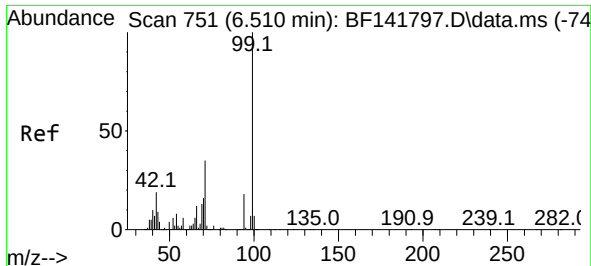
Tgt Ion:112 Resp: 1053716
Ion Ratio Lower Upper
112 100
64 60.9 51.3 76.9
63 32.2 26.2 39.4



#6
Aniline
Concen: 18.738 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 93 Resp: 263363
Ion Ratio Lower Upper
93 100
66 41.8 32.3 48.5
65 20.3 15.9 23.9

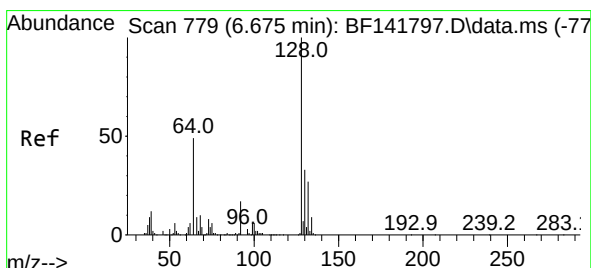
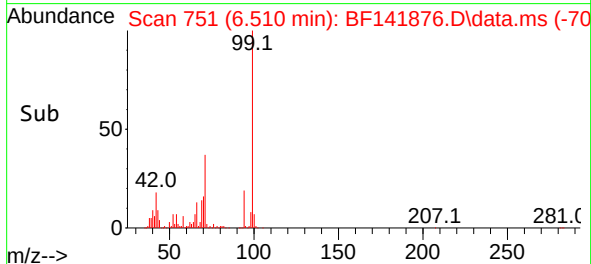
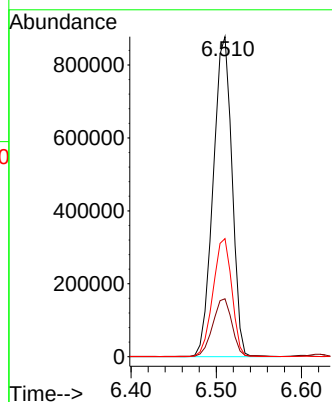
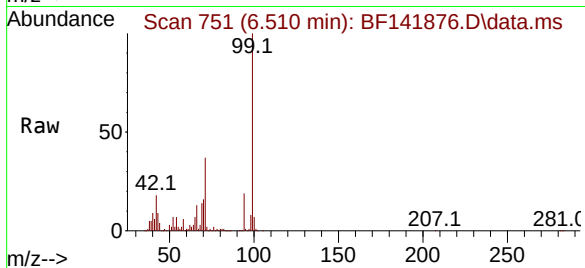




#7
Phenol-d6
Concen: 99.837 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

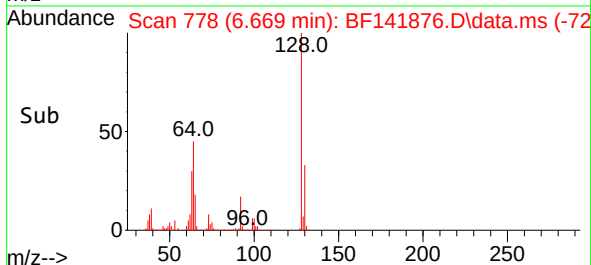
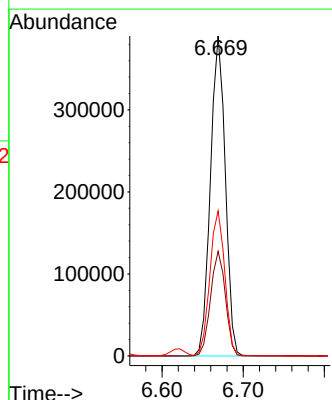
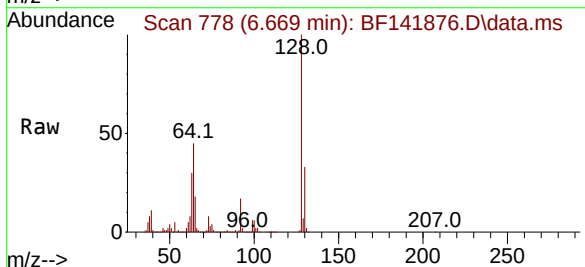
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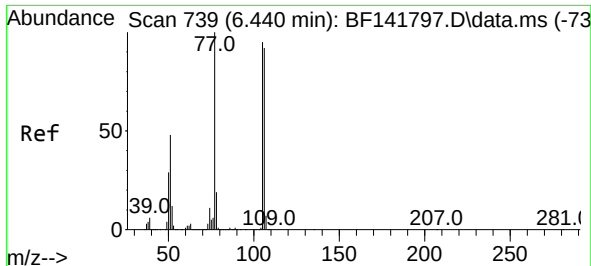
Tgt Ion: 99 Resp: 1349756
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 36.9 28.2 42.2



#8
2-Chlorophenol
Concen: 44.145 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 128 Resp: 496022
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 45.3 31.1 71.1

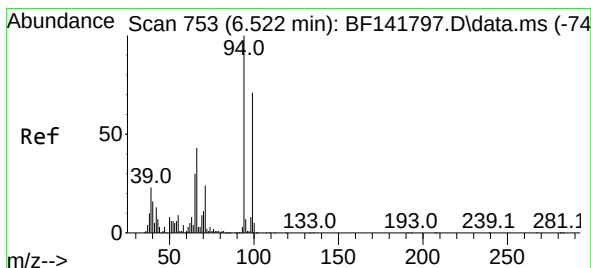
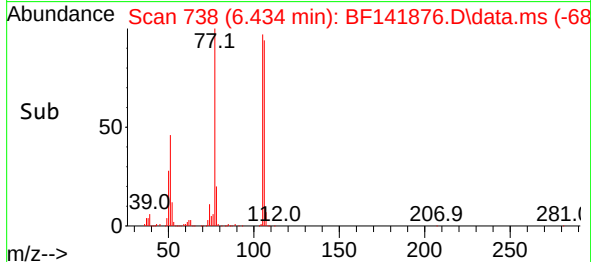
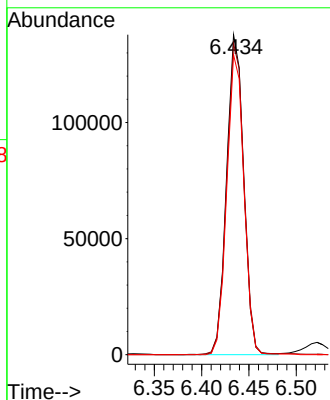
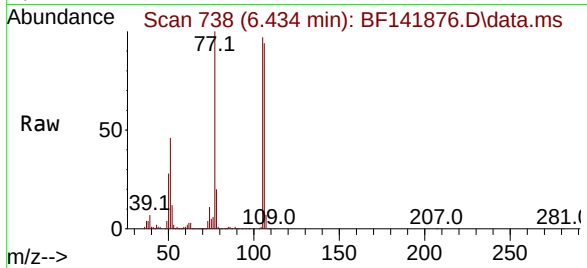




#9
Benzaldehyde
Concen: 21.989 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

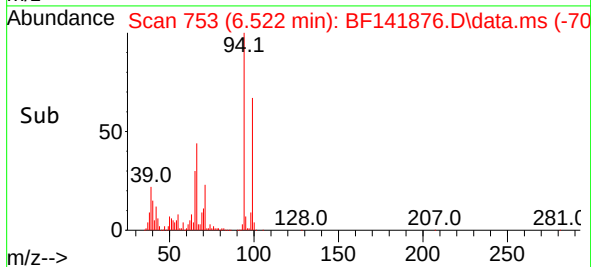
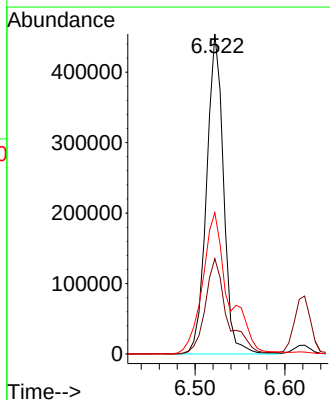
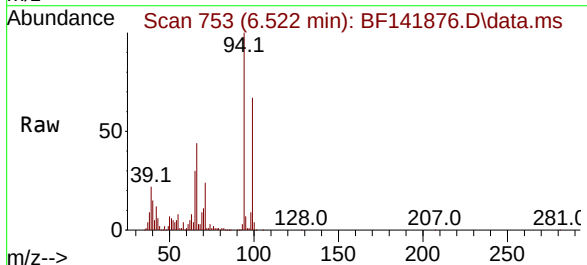
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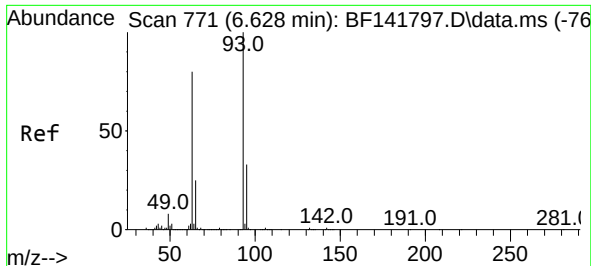
Tgt Ion: 77 Resp: 172920
Ion Ratio Lower Upper
77 100
105 97.3 75.3 115.3
106 93.7 72.3 112.3



#10
Phenol
Concen: 41.241 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 94 Resp: 595810
Ion Ratio Lower Upper
94 100
65 29.8 10.2 50.2
66 44.1 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 40.728 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

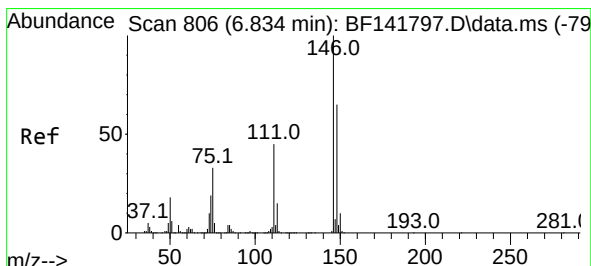
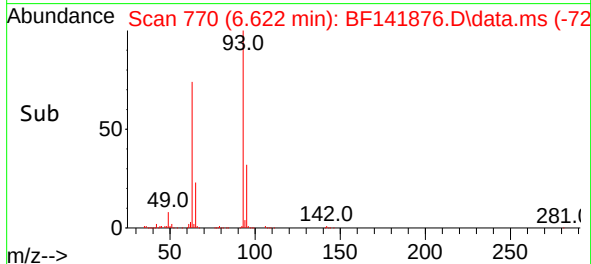
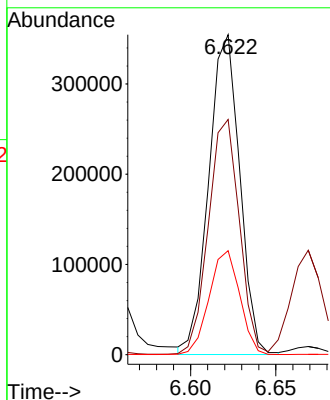
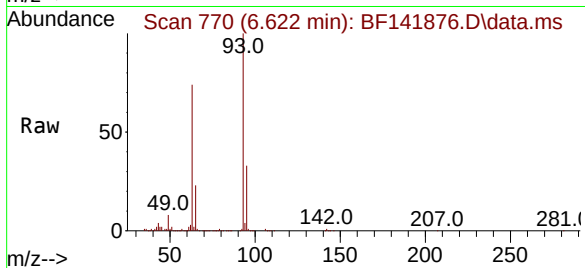
Tgt Ion: 93 Resp: 448513

Ion Ratio Lower Upper

93 100

63 73.5 59.3 99.3

95 32.5 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 43.866 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

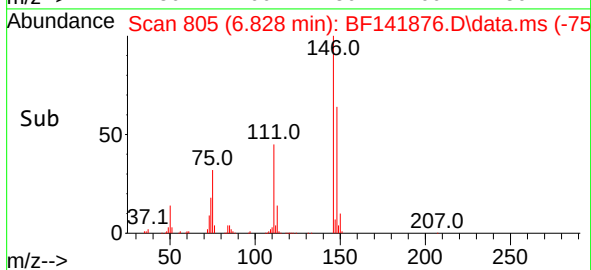
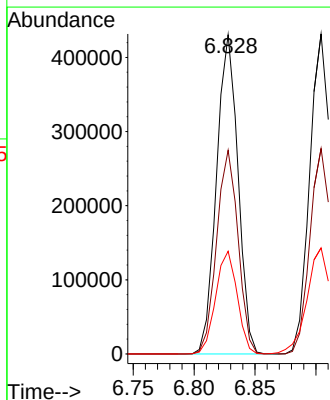
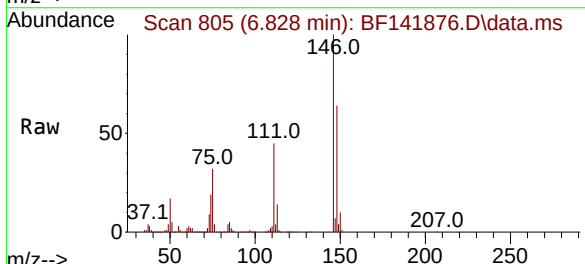
Tgt Ion:146 Resp: 527851

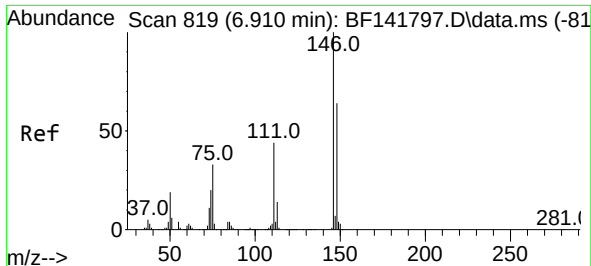
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

75 32.2 26.2 39.4

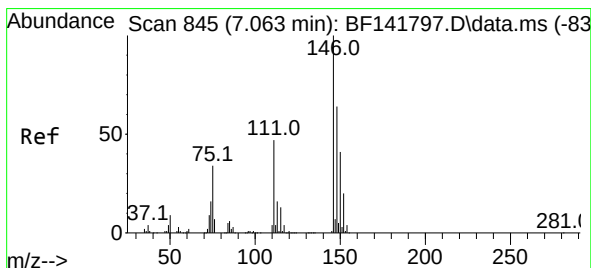
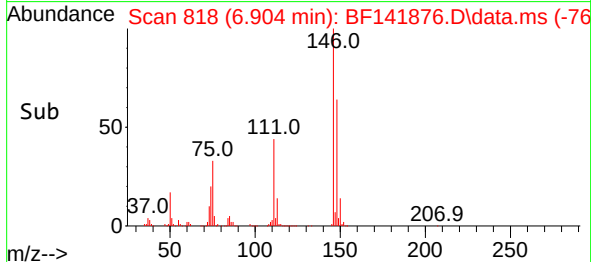
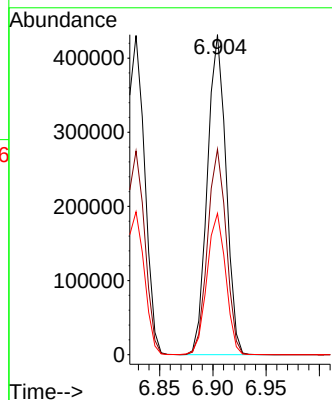
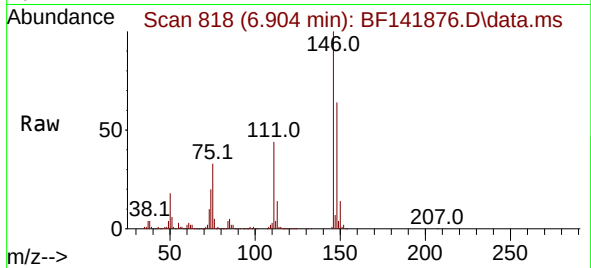




#13
1,4-Dichlorobenzene
Concen: 43.339 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

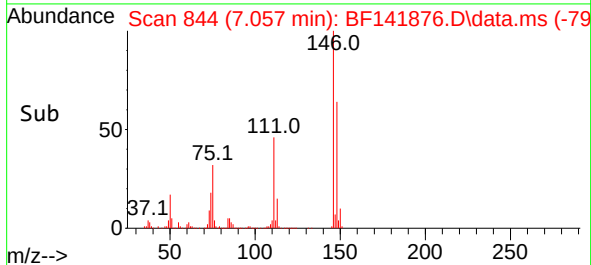
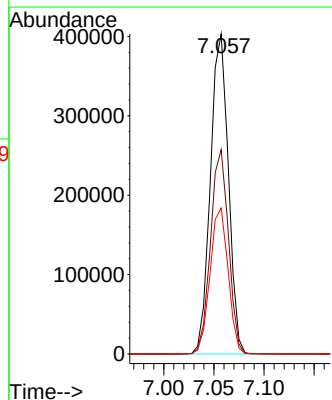
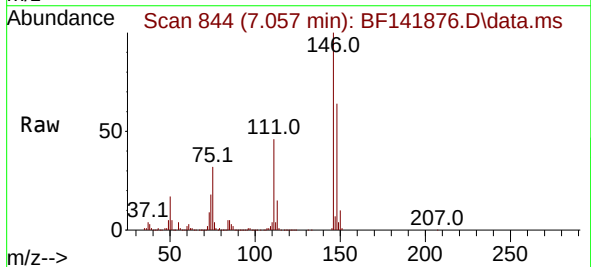
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

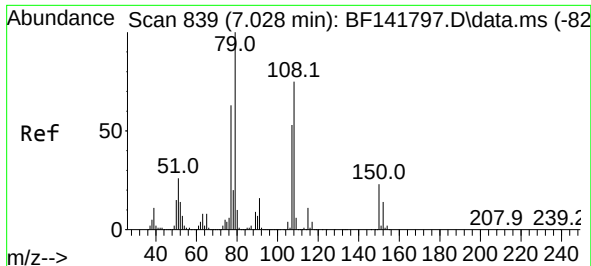
Tgt Ion:146 Resp: 525467
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 44.1 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 44.349 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:146 Resp: 502115
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.6 37.8 56.6

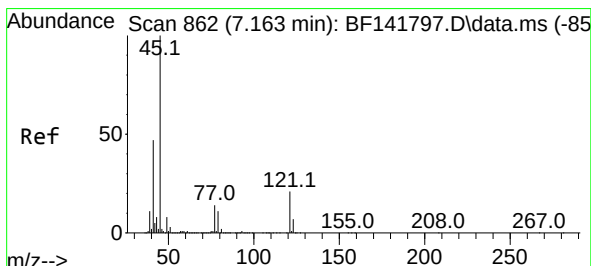
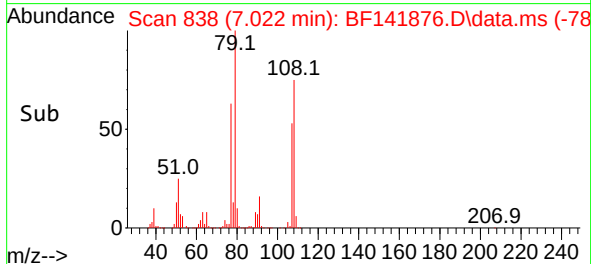
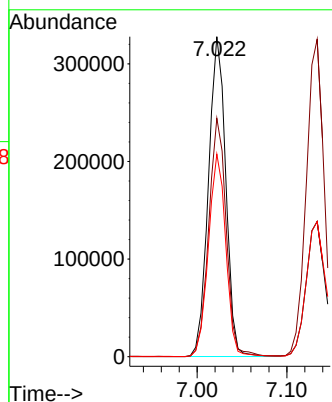
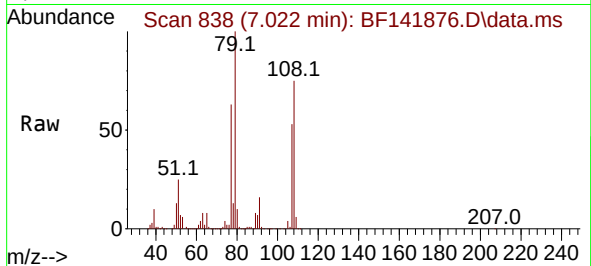




#15
Benzyl Alcohol
Concen: 40.715 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

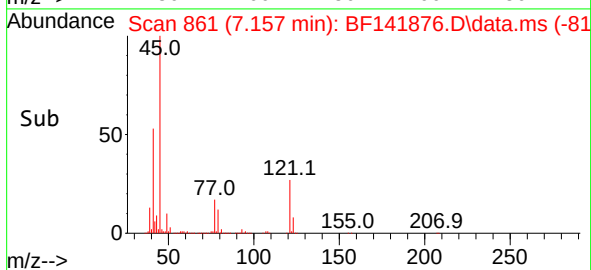
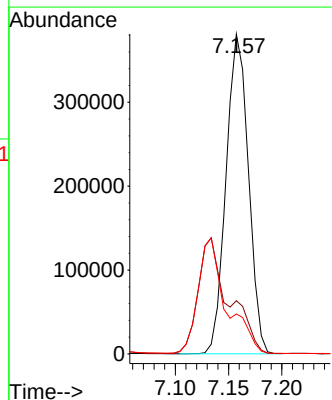
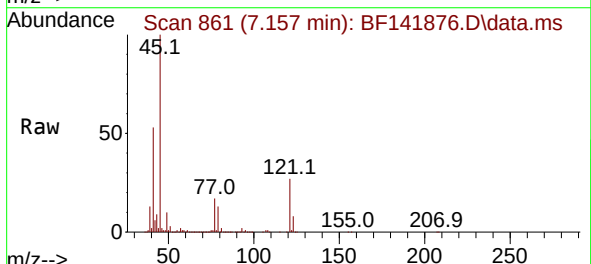
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

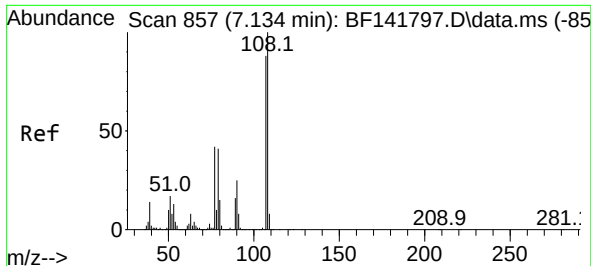
Tgt Ion: 79 Resp: 439921
Ion Ratio Lower Upper
79 100
108 74.5 60.2 90.2
77 63.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.251 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 45 Resp: 556085
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.4
79 12.5 0.0 30.9

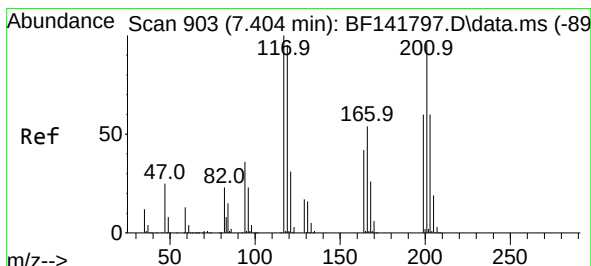
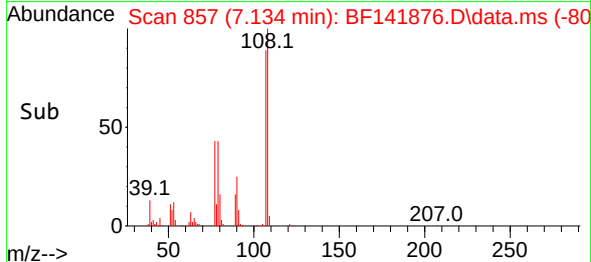
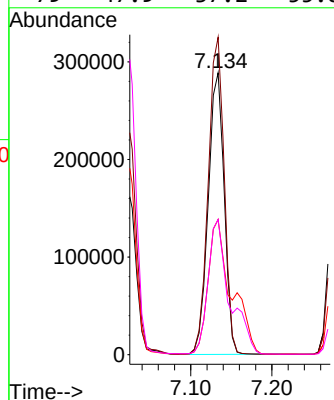
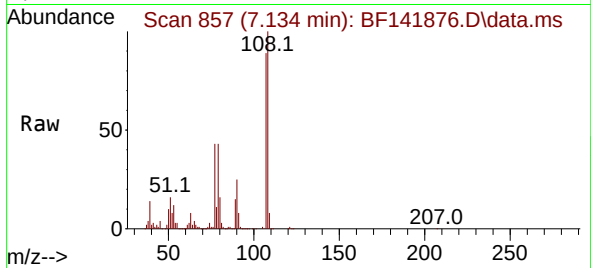




#17
2-Methylphenol
Concen: 42.480 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

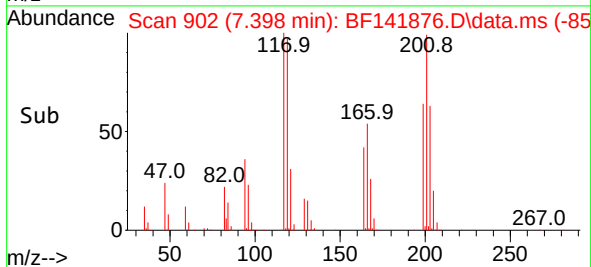
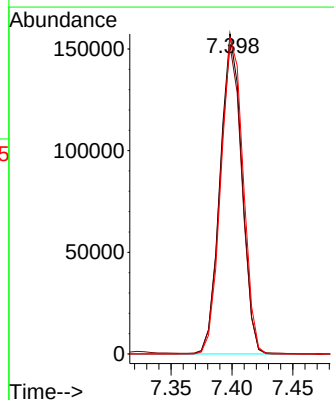
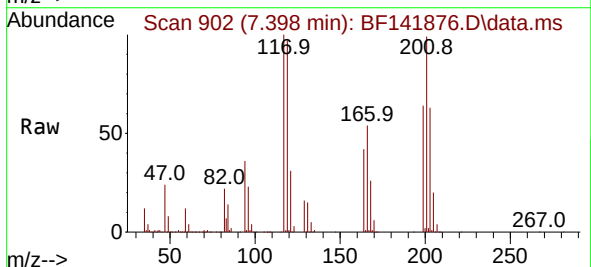
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

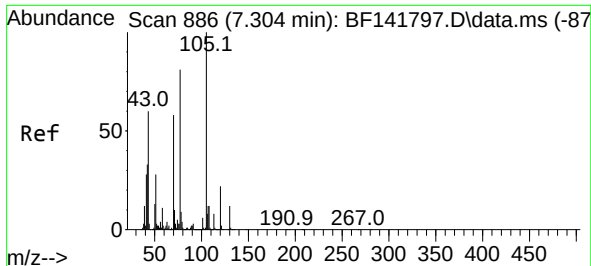
Tgt Ion:107 Resp: 393992
Ion Ratio Lower Upper
107 100
108 112.6 90.6 135.8
77 47.9 37.7 56.5
79 47.9 37.2 55.8



#18
Hexachloroethane
Concen: 43.133 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:117 Resp: 195738
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8
201 98.9 76.7 115.1



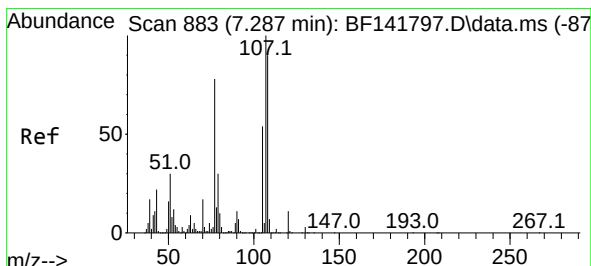
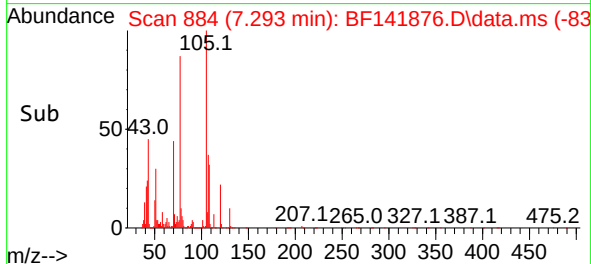
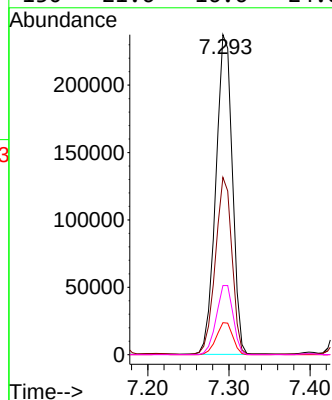
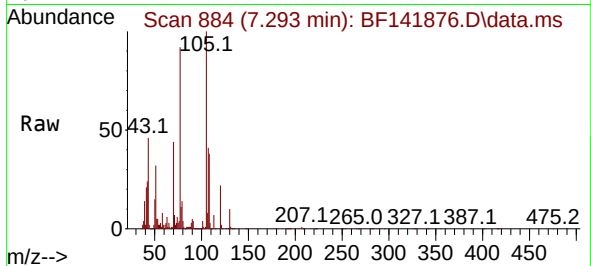


#19
n-Nitroso-di-n-propylamine
Concen: 37.803 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

Tgt Ion: 70 Resp: 335961

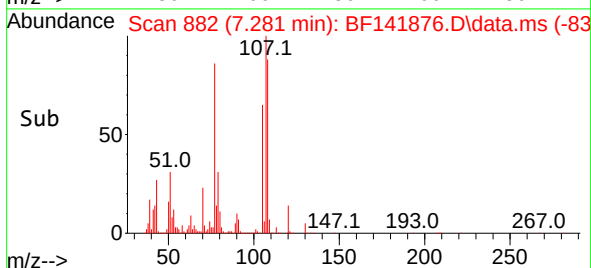
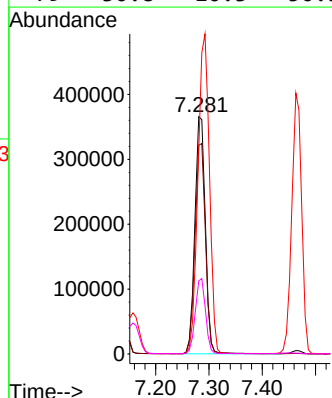
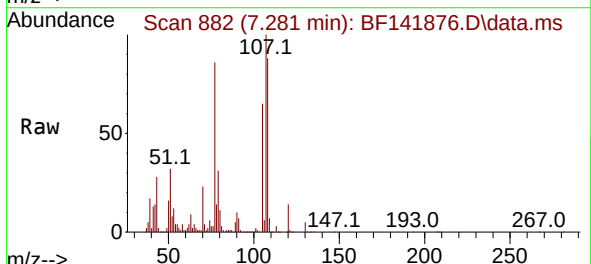
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.4	68.0
101	10.0	7.8	11.8
130	21.6	16.6	24.8

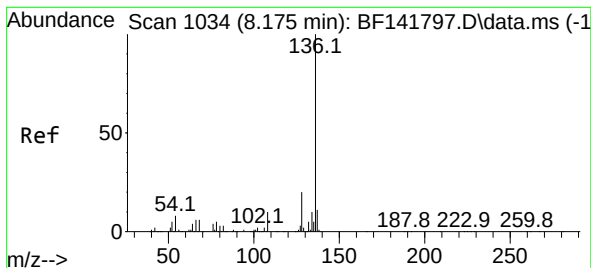


#20
3+4-Methylphenols
Concen: 43.160 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 107 Resp: 498449

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.7	109.7
77	86.1	58.3	98.3
79	30.8	10.3	50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion:136 Resp: 641339

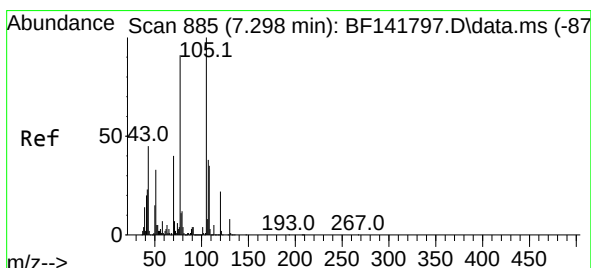
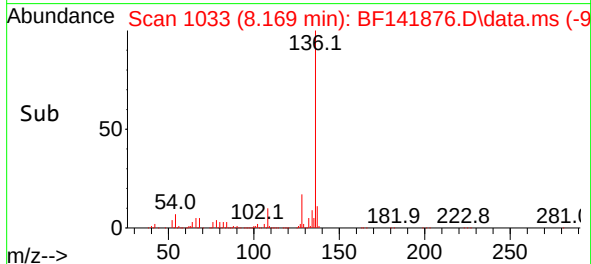
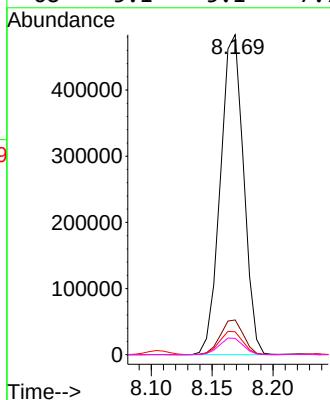
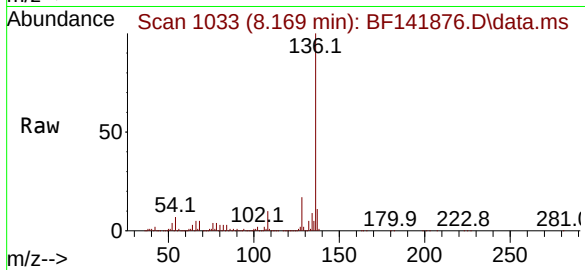
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.2 6.9 10.3

68 5.1 5.1 7.7#



#22

Acetophenone

Concen: 47.093 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Tgt Ion:105 Resp: 735580

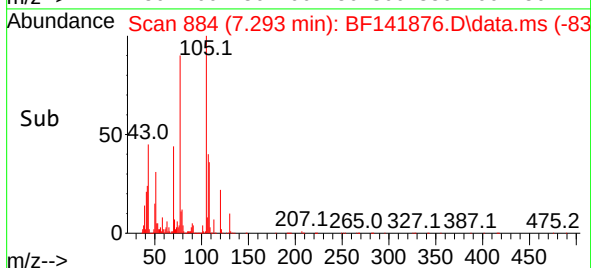
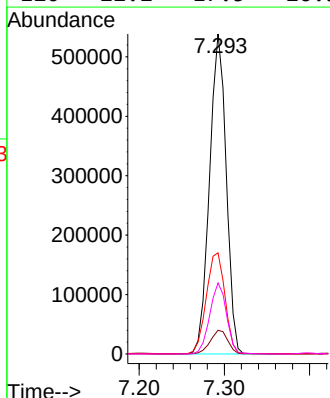
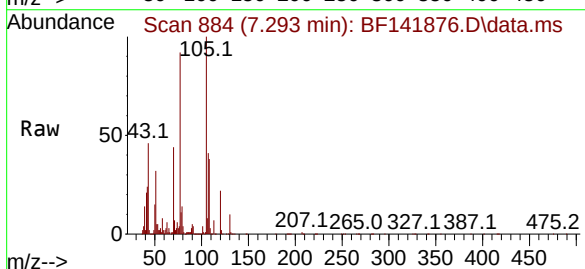
Ion Ratio Lower Upper

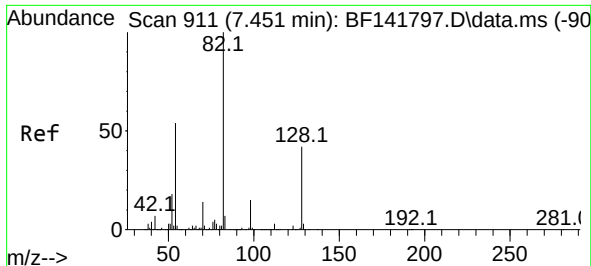
105 100

71 7.4 5.4 8.0

51 31.6 26.1 39.1

120 22.2 17.5 26.3





#23

Nitrobenzene-d5

Concen: 88.292 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

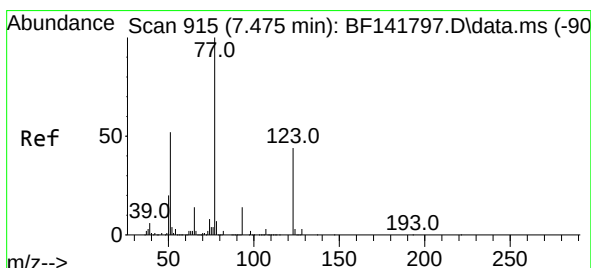
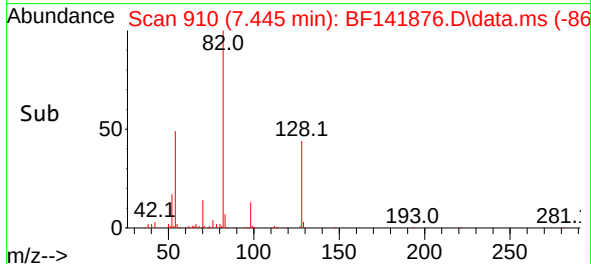
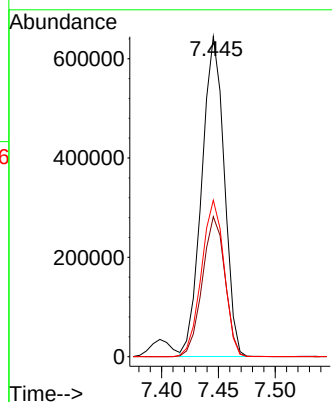
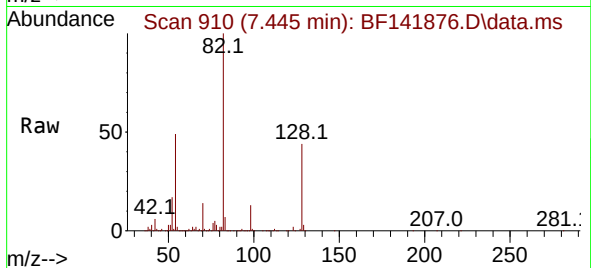
Tgt Ion: 82 Resp: 885873

Ion Ratio Lower Upper

82 100

128 43.8 33.5 50.3

54 48.9 42.7 64.1



#24

Nitrobenzene

Concen: 48.141 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

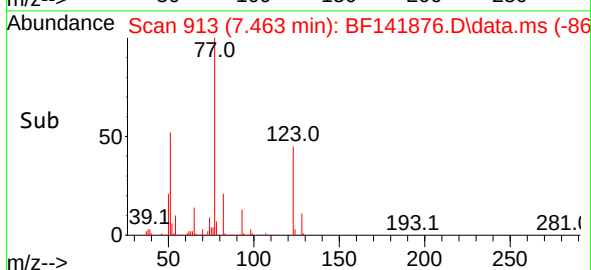
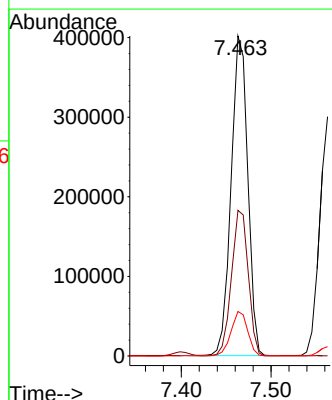
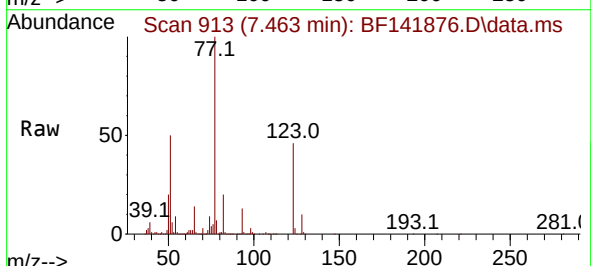
Tgt Ion: 77 Resp: 517248

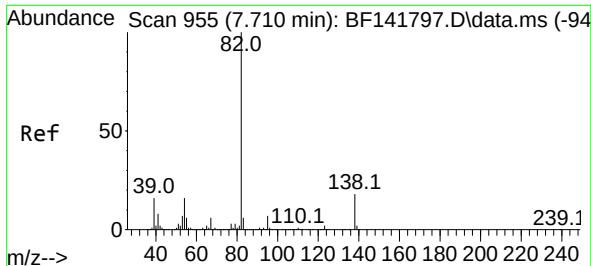
Ion Ratio Lower Upper

77 100

123 45.5 35.8 53.8

65 13.9 11.2 16.8

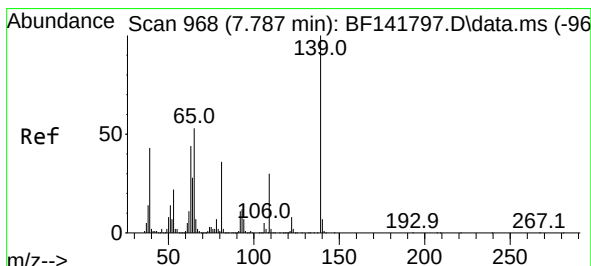
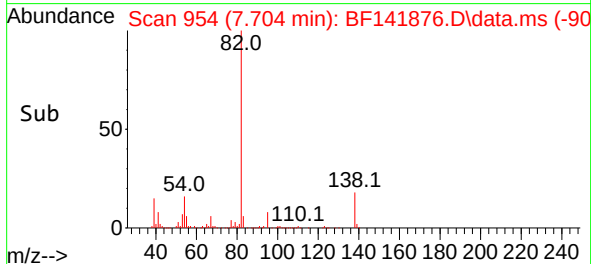
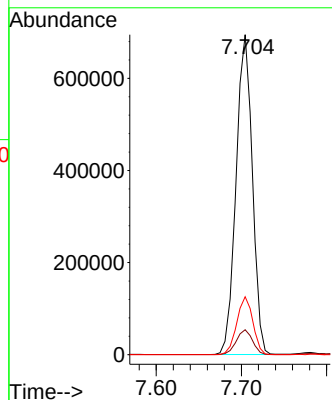
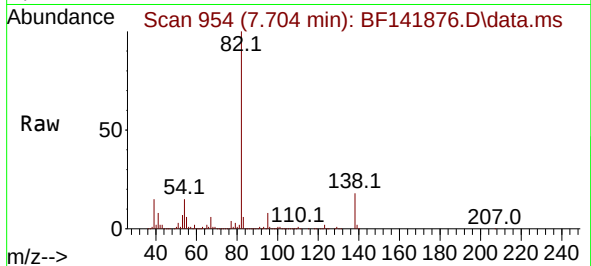




#25
Isophorone
Concen: 42.790 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

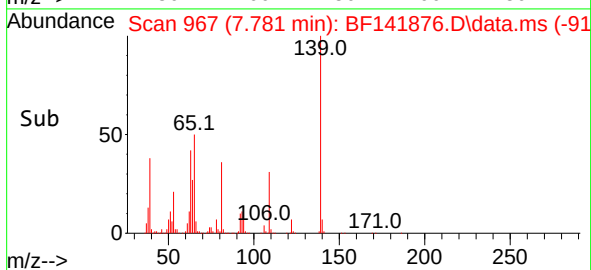
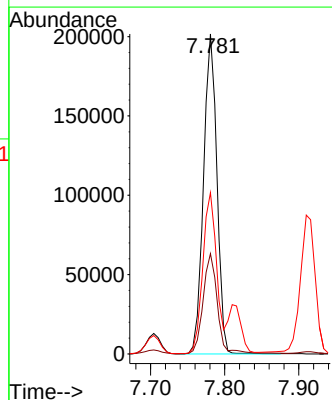
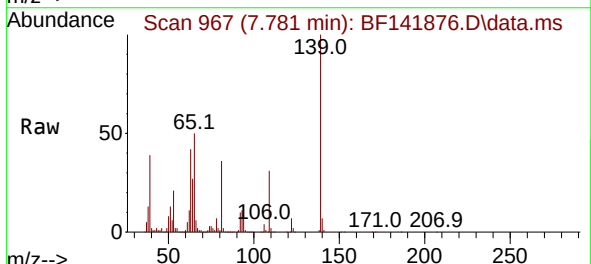
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

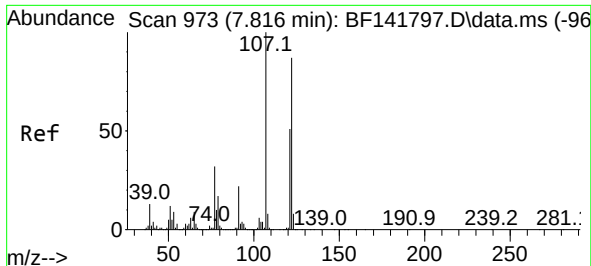
Tgt Ion: 82 Resp: 922364
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 18.1 14.0 21.0



#26
2-Nitrophenol
Concen: 52.435 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 139 Resp: 253903
Ion Ratio Lower Upper
139 100
109 31.4 24.1 36.1
65 50.4 42.3 63.5

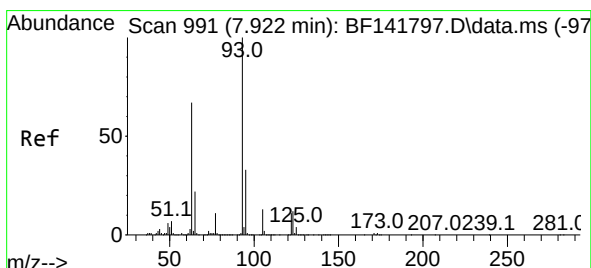
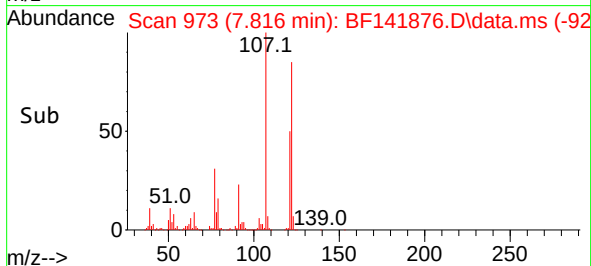
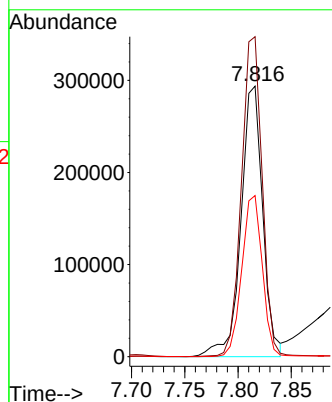
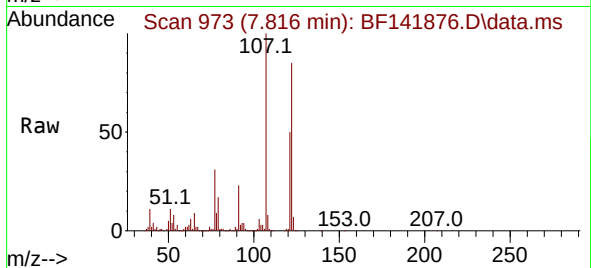




#27
2,4-Dimethylphenol
Concen: 52.875 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

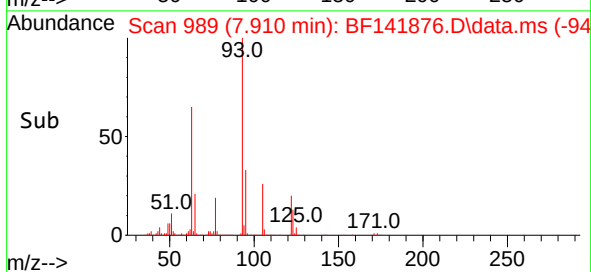
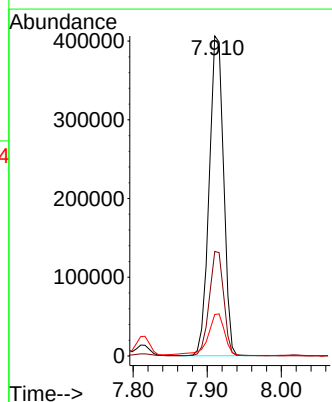
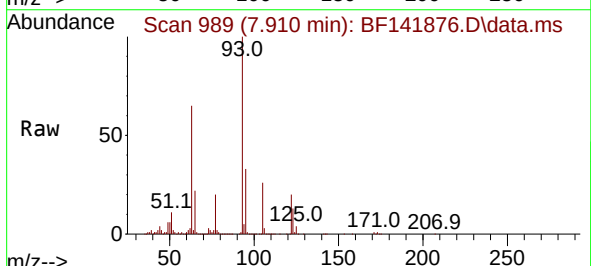
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

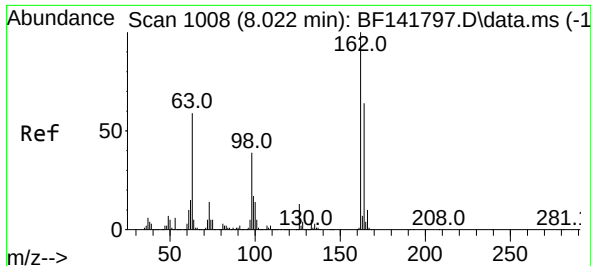
Tgt Ion:122 Resp: 418965
Ion Ratio Lower Upper
122 100
107 118.3 92.5 138.7
121 59.6 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.852 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 93 Resp: 547974
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 13.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.420 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

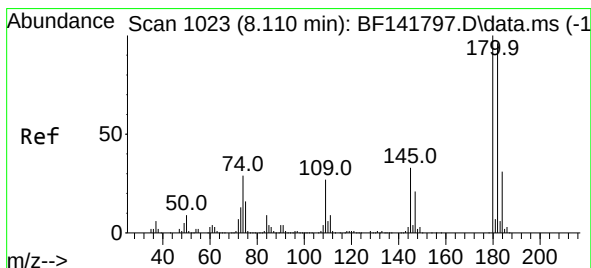
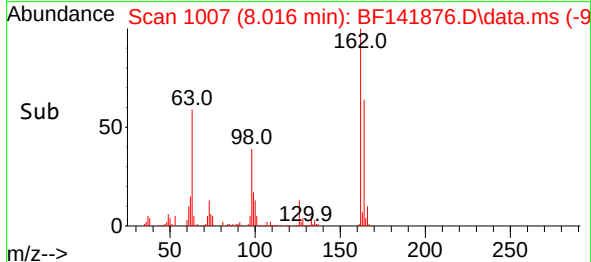
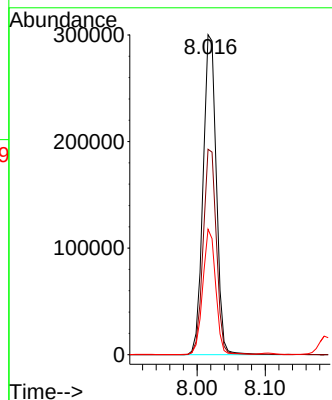
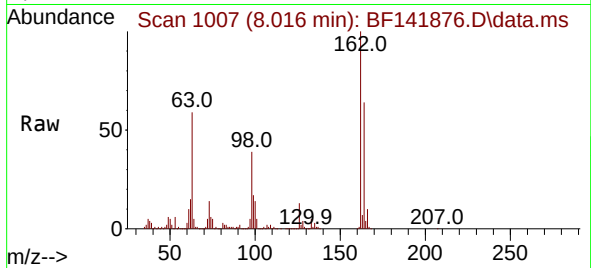
Tgt Ion:162 Resp: 406039

Ion Ratio Lower Upper

162 100

164 64.2 44.3 84.3

98 39.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 44.002 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

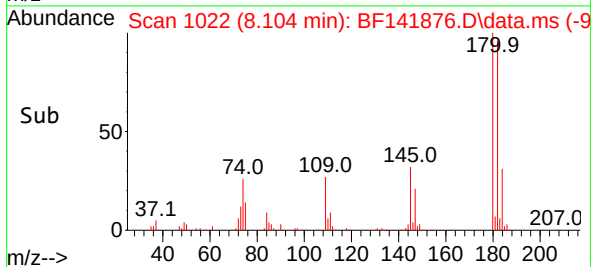
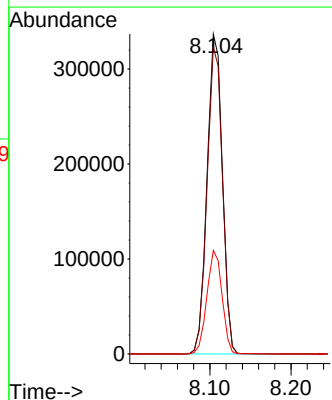
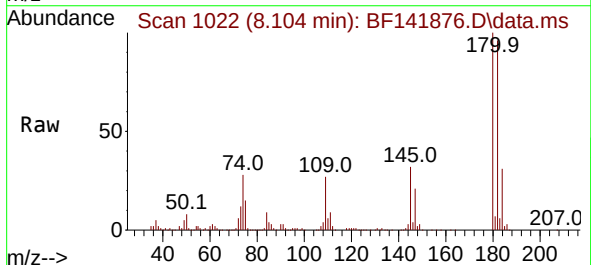
Tgt Ion:180 Resp: 440747

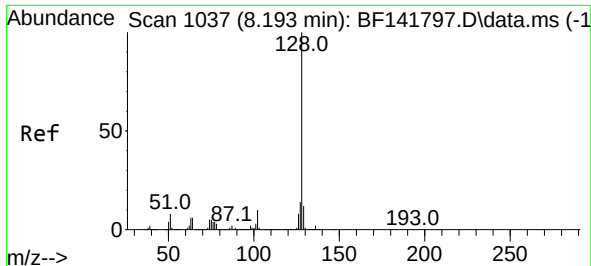
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 32.3 26.4 39.6

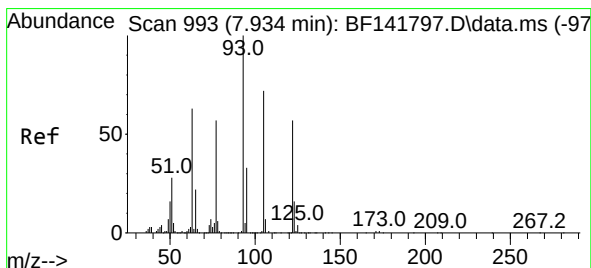
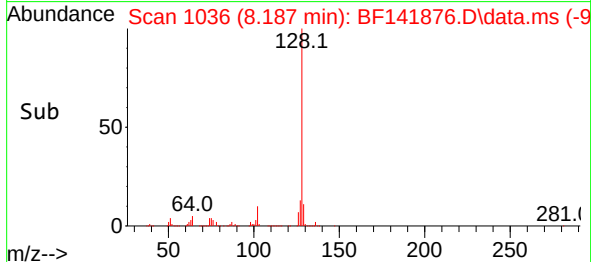
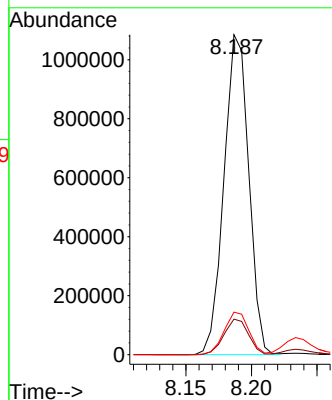
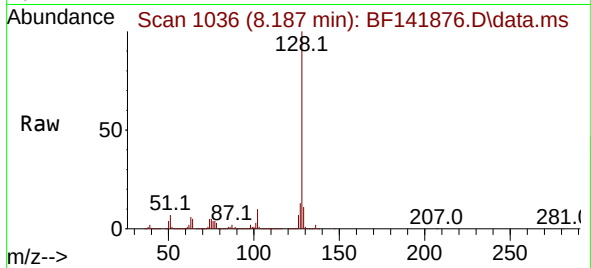




#31
Naphthalene
Concen: 43.281 ng
RT: 8.187 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

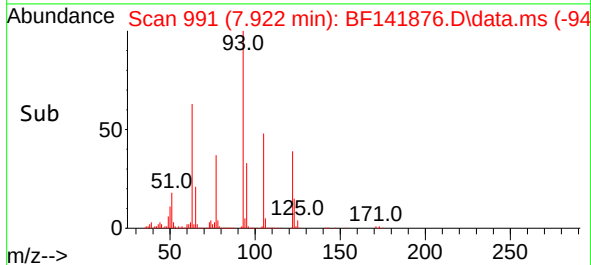
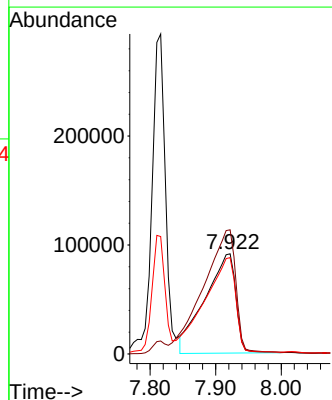
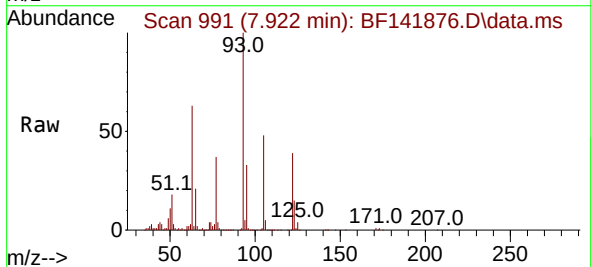
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

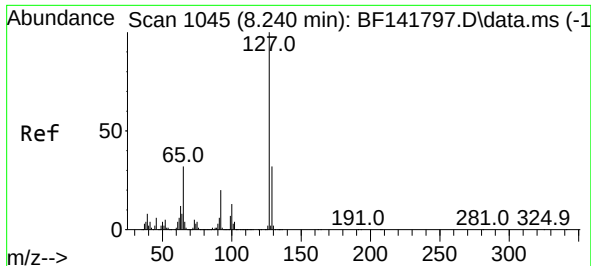
Tgt Ion:128 Resp: 1426633
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 45.490 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:122 Resp: 297673
Ion Ratio Lower Upper
122 100
105 124.0 105.8 145.8
77 96.1 79.9 119.9

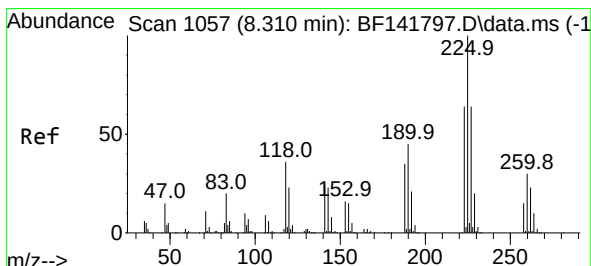
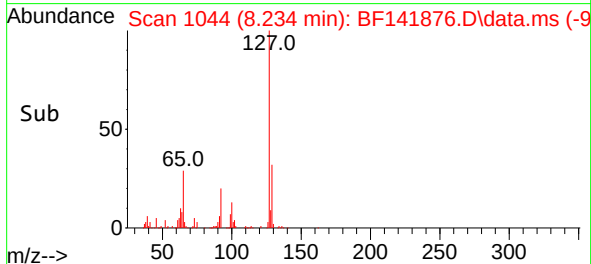
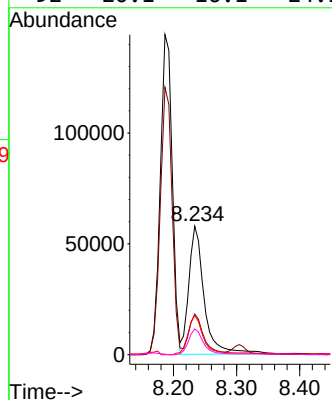
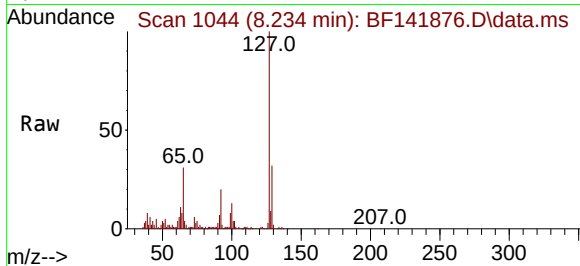




#33
4-Chloroaniline
Concen: 8.147 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

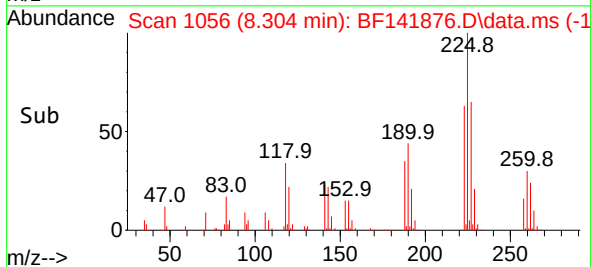
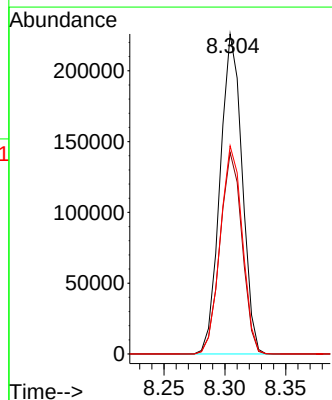
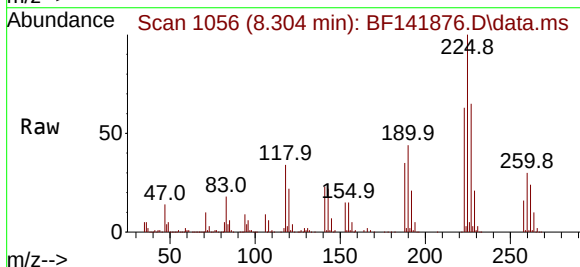
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

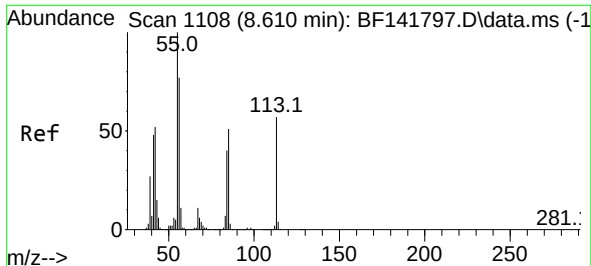
Tgt Ion:	127	Resp:	98459
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.1	39.1
65	30.6	25.7	38.5
92	20.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.662 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:	225	Resp:	284215
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.4	77.2
227	65.1	51.6	77.4

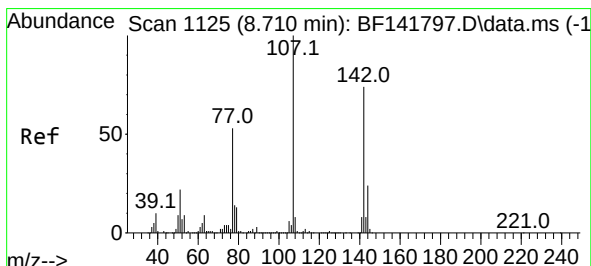
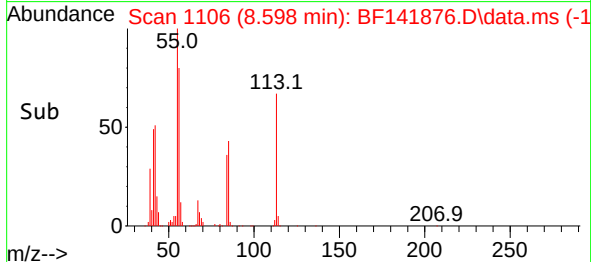
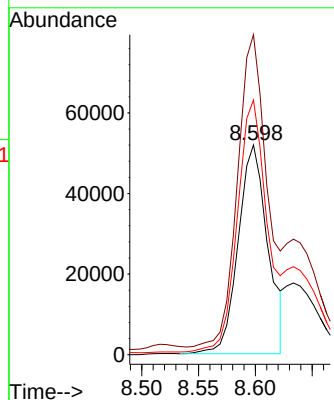
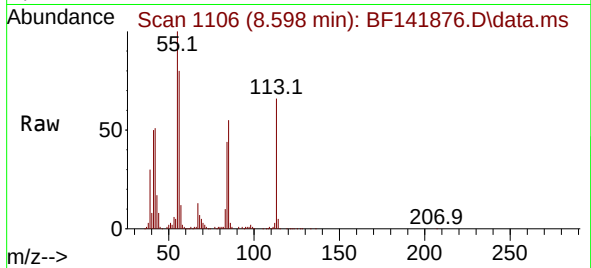




#35
Caprolactam
Concen: 33.244 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

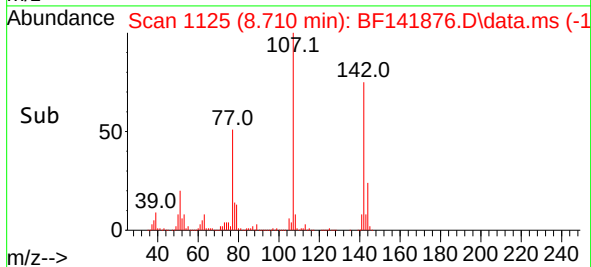
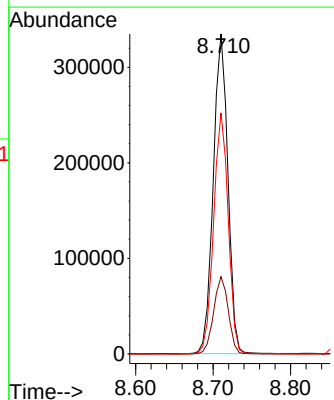
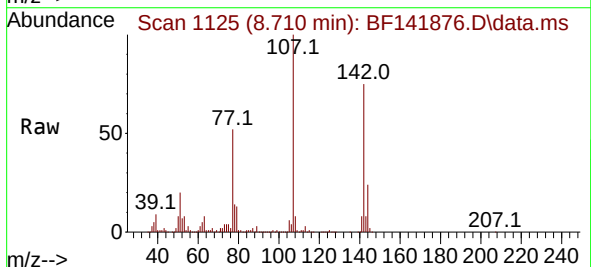
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

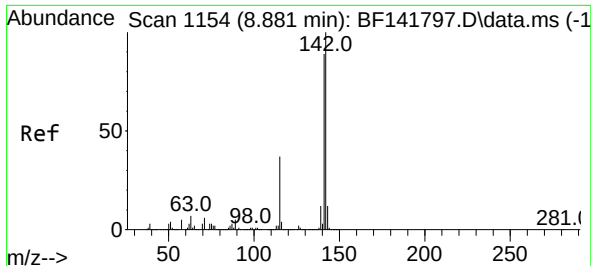
Tgt Ion:113 Resp: 93484
Ion Ratio Lower Upper
113 100
55 152.6 155.6 195.6#
56 121.5 114.6 154.6



#36
4-Chloro-3-methylphenol
Concen: 43.133 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:107 Resp: 437995
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.0
142 75.3 59.4 89.0

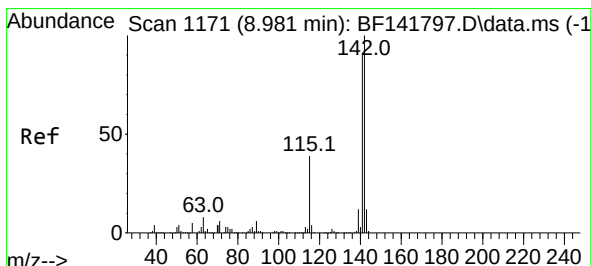
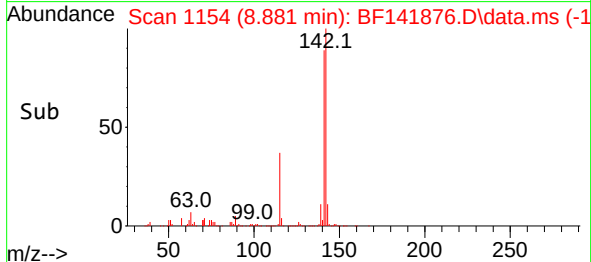
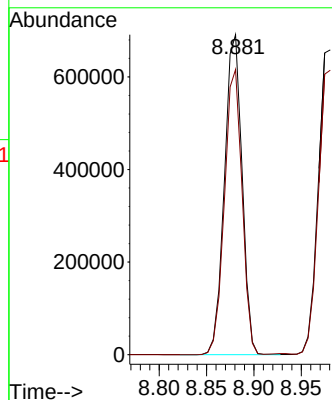
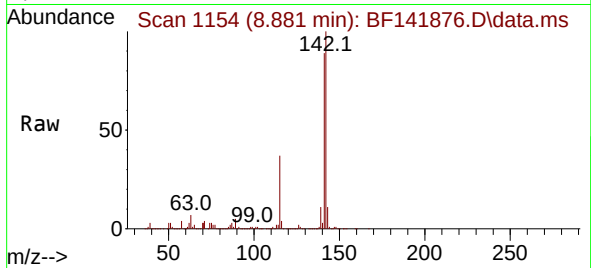




#37
2-Methylnaphthalene
Concen: 41.429 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

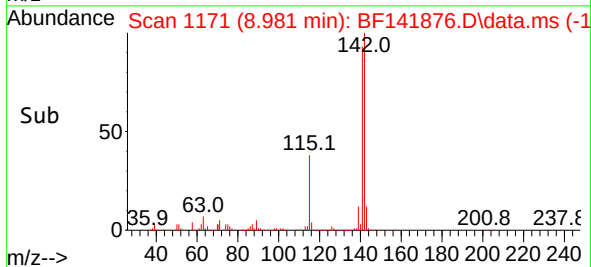
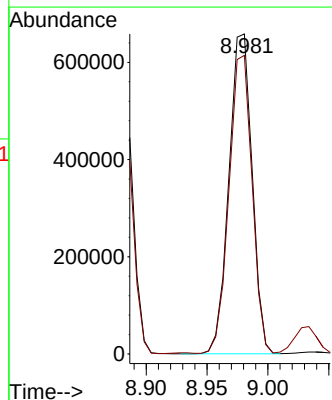
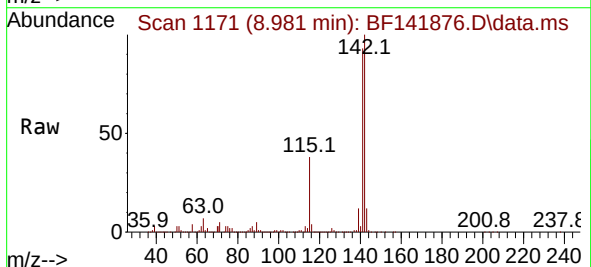
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

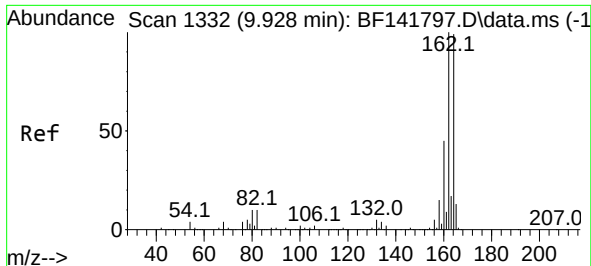
Tgt Ion:142 Resp: 895702
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#38
1-Methylnaphthalene
Concen: 42.033 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:142 Resp: 871992
Ion Ratio Lower Upper
142 100
141 93.3 73.1 109.7

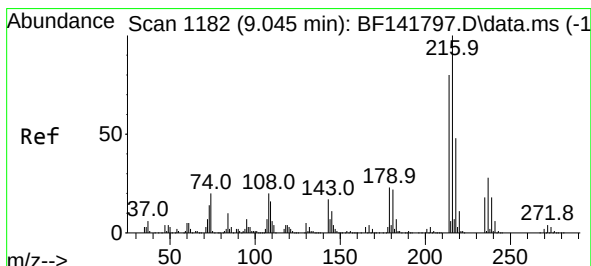
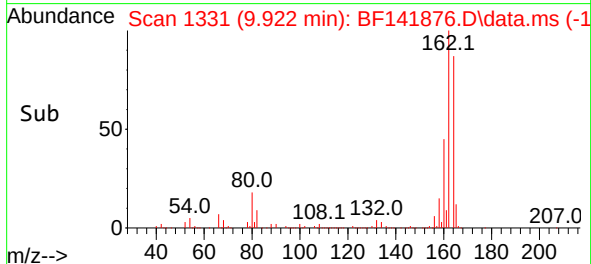
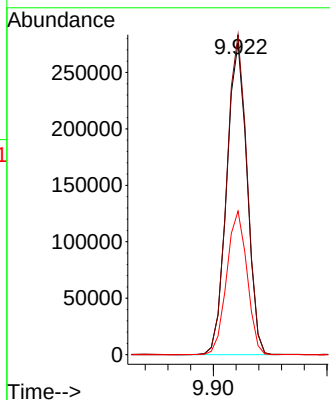
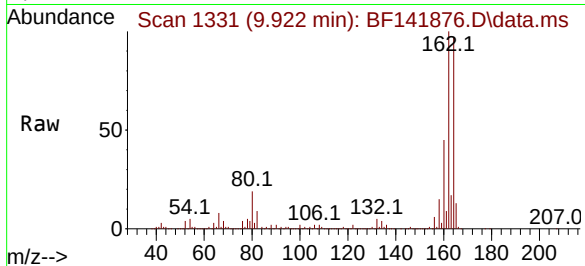




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

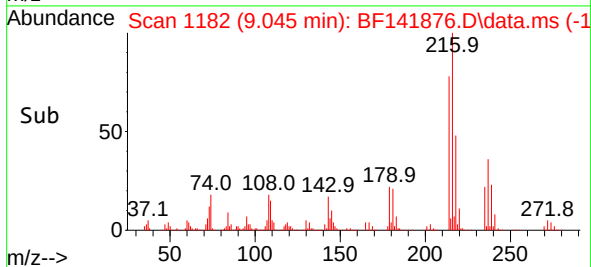
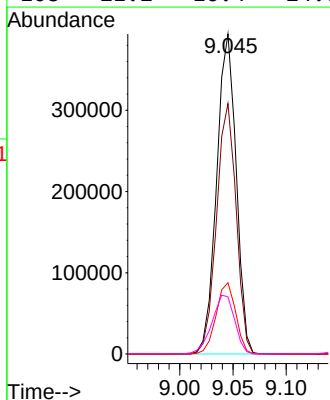
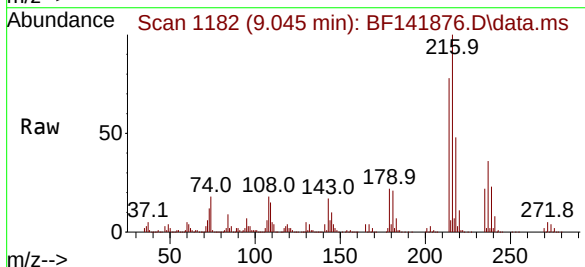
Instrument :
BNA_F
ClientSampleId :
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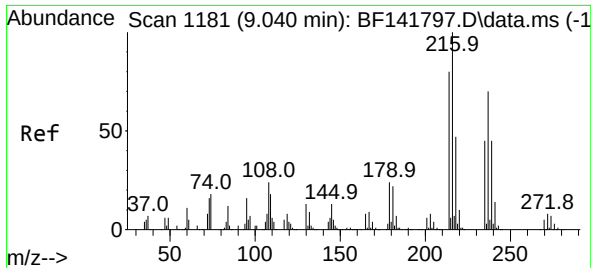
Tgt Ion:164 Resp: 343104
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 46.1 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.585 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:216 Resp: 501259
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 22.4 18.1 27.1
108 21.2 16.4 24.6

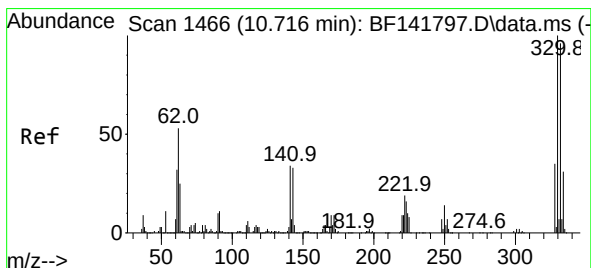
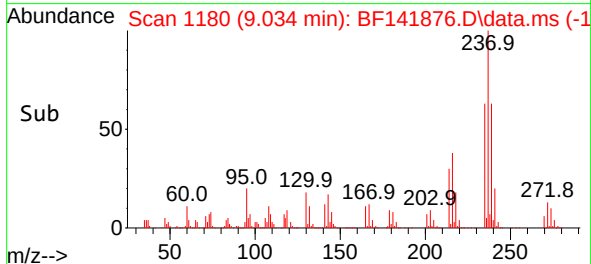
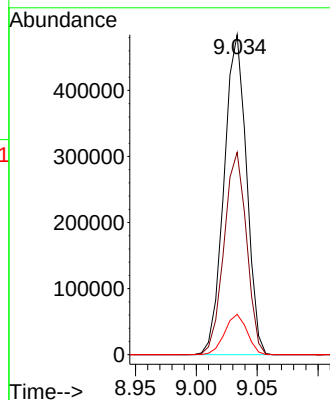
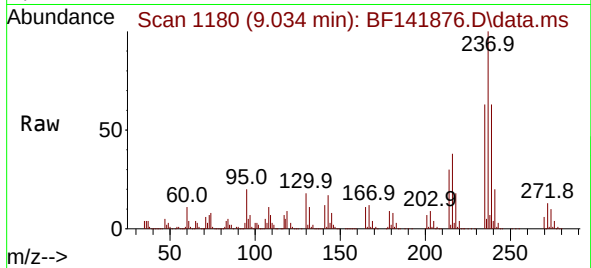




#41
 Hexachlorocyclopentadiene
 Concen: 150.328 ng
 RT: 9.034 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

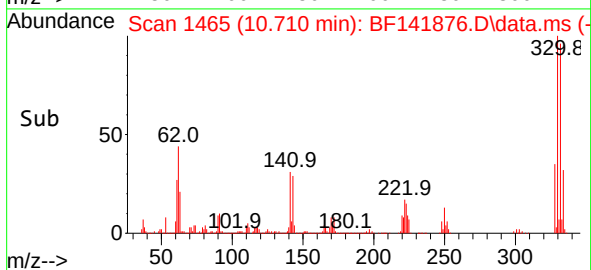
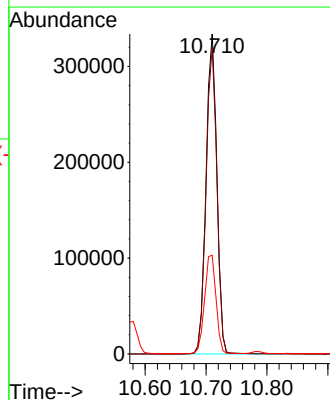
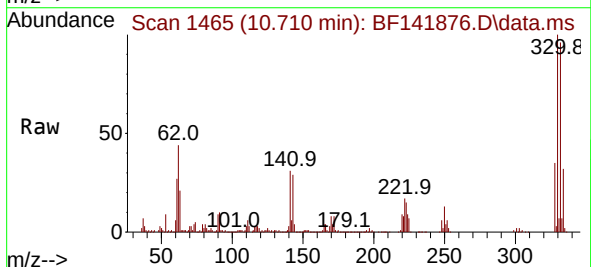
Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD

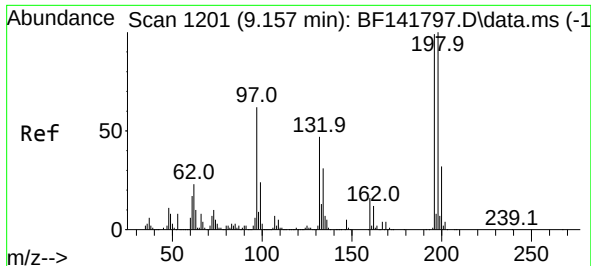
Tgt Ion:237 Resp: 621666
 Ion Ratio Lower Upper
 237 100
 235 63.3 43.3 83.3
 272 12.6 0.0 31.9



#42
 2,4,6-Tribromophenol
 Concen: 127.930 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Tgt Ion:330 Resp: 412077
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 32.5 29.0 43.4

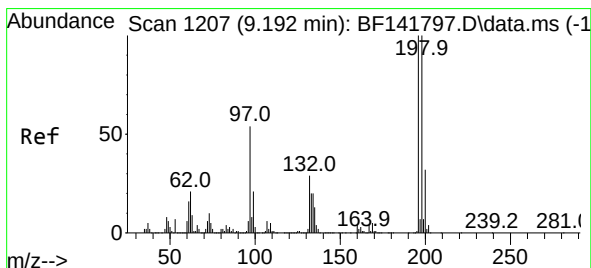
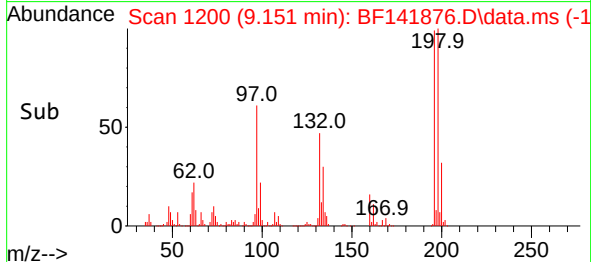
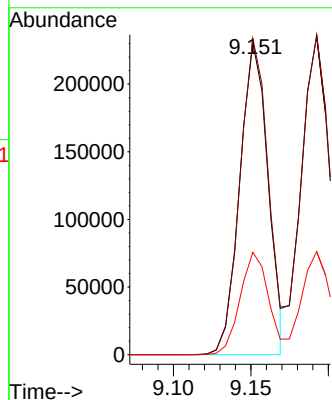
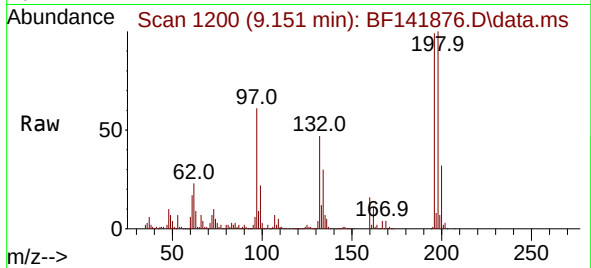




#43
2,4,6-Trichlorophenol
Concen: 45.812 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

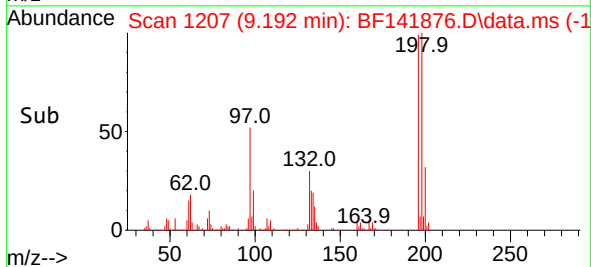
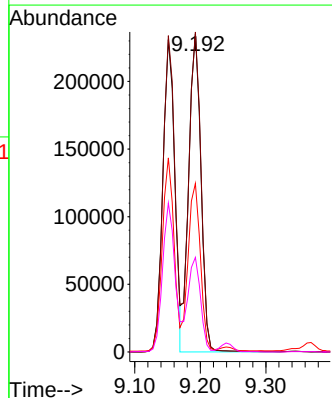
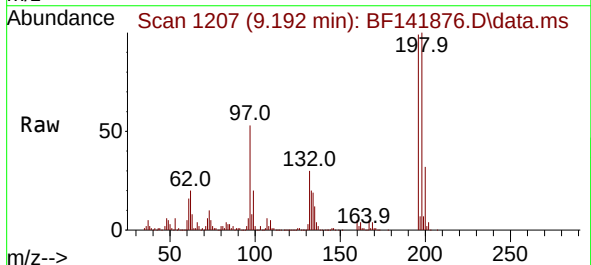
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

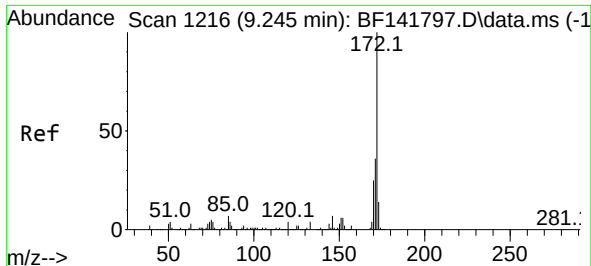
Tgt Ion:196 Resp: 293240
Ion Ratio Lower Upper
196 100
198 101.3 80.4 120.6
200 32.8 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 47.702 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:196 Resp: 302356
Ion Ratio Lower Upper
196 100
198 100.6 79.7 119.5
97 52.9 44.2 66.2
132 29.7 24.3 36.5

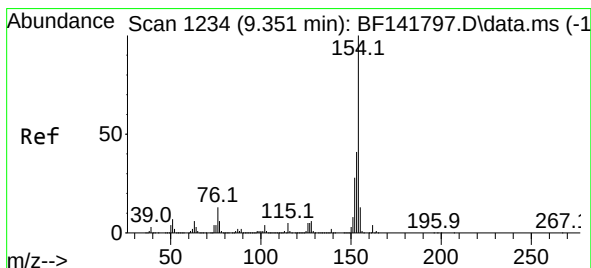
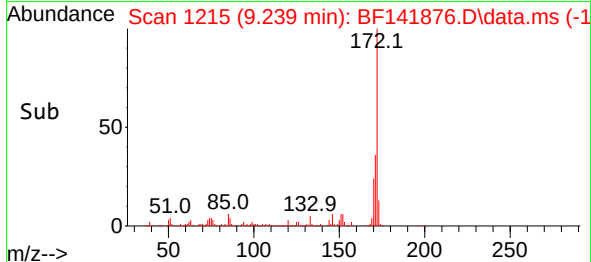
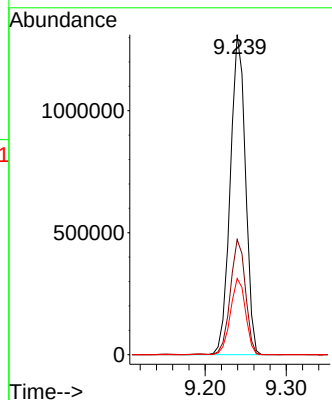
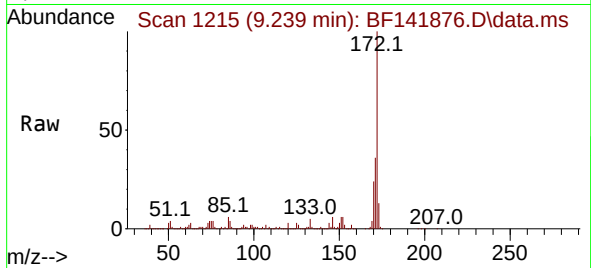




#45
2-Fluorobiphenyl
Concen: 79.519 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

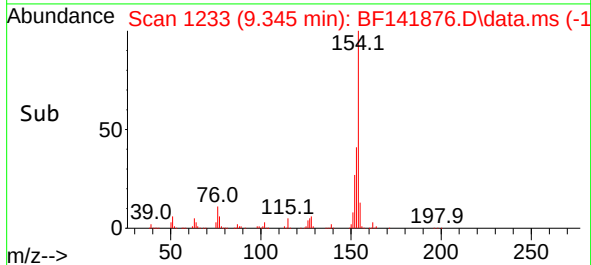
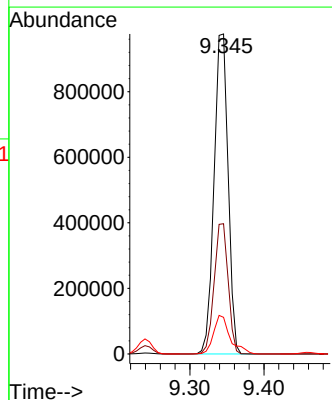
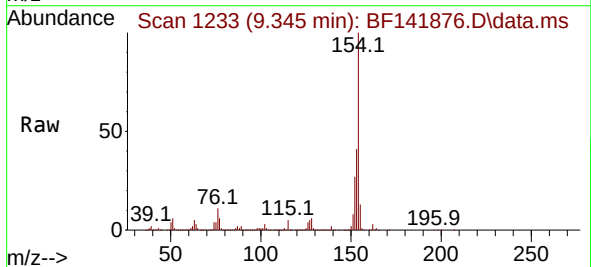
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

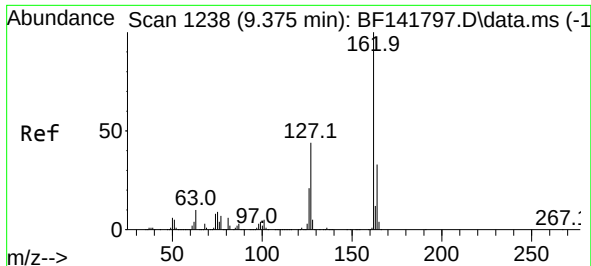
Tgt Ion:172 Resp: 1701534
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.8 19.7 29.5



#46
1,1'-Biphenyl
Concen: 49.174 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:154 Resp: 1284202
Ion Ratio Lower Upper
154 100
153 40.7 21.4 61.4
76 11.5 0.0 33.4

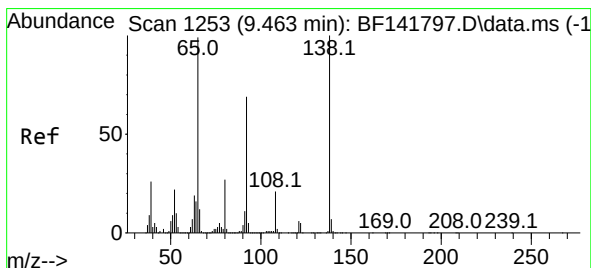
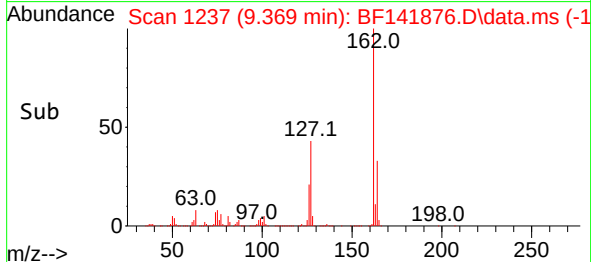
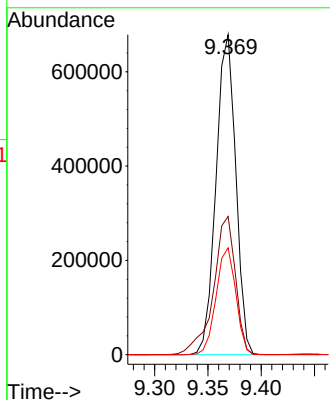
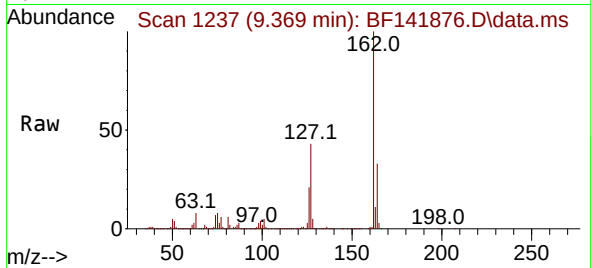




#47
2-Chloronaphthalene
Concen: 45.293 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

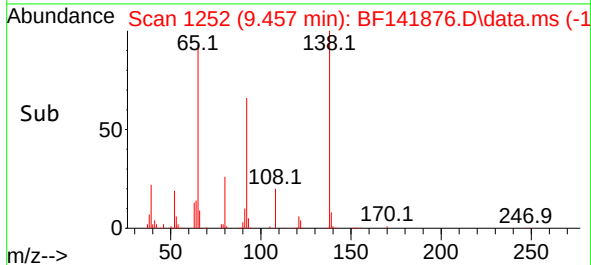
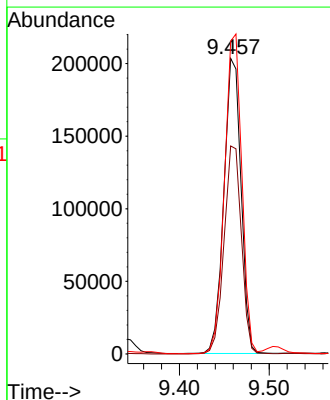
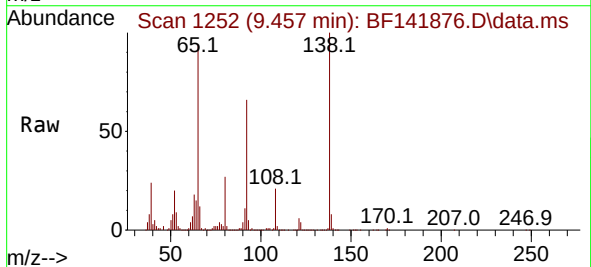
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

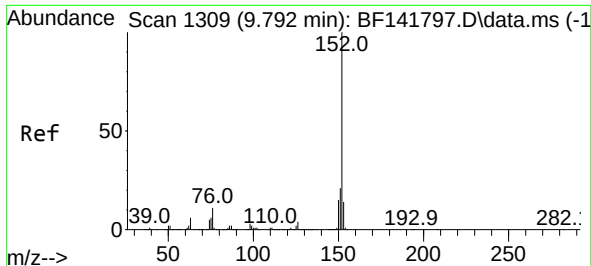
Tgt Ion:162 Resp: 873028
Ion Ratio Lower Upper
162 100
127 43.2 35.0 52.6
164 33.4 26.6 40.0



#48
2-Nitroaniline
Concen: 50.959 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion: 65 Resp: 270419
Ion Ratio Lower Upper
65 100
92 70.4 55.7 83.5
138 105.9 80.6 121.0

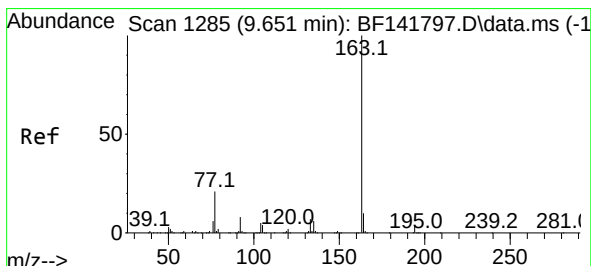
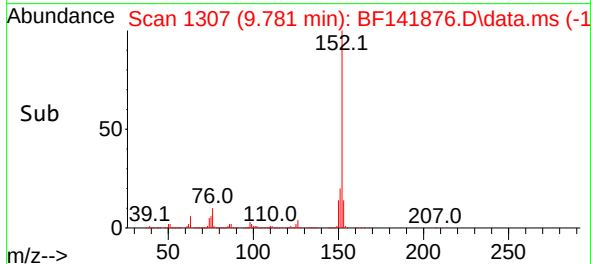
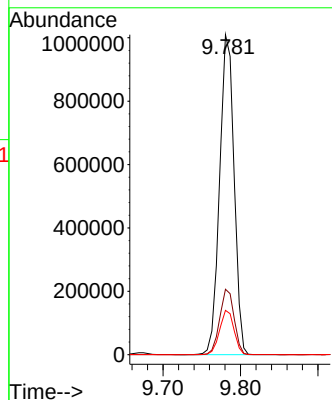
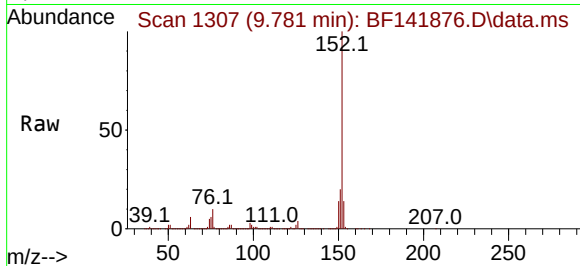




#49
Acenaphthylene
Concen: 45.342 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

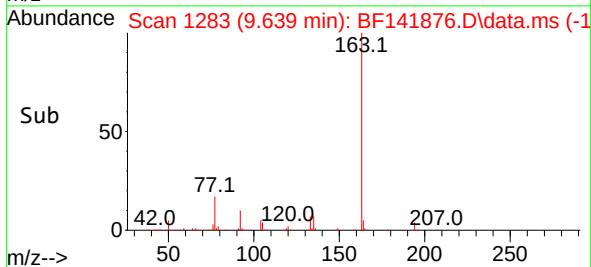
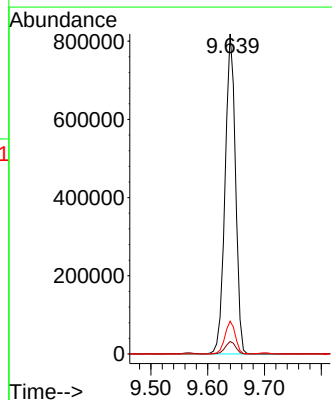
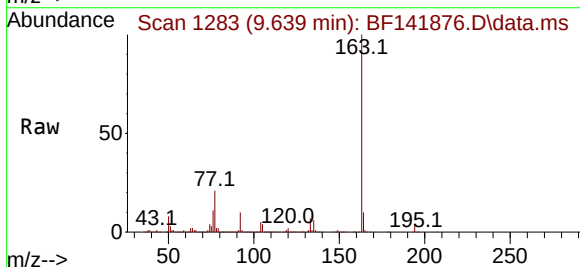
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

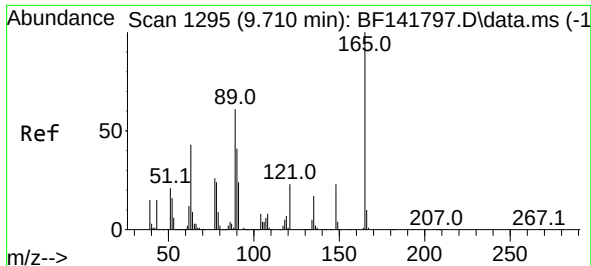
Tgt Ion:152 Resp: 1310365
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 13.9 11.2 16.8



#50
Dimethylphthalate
Concen: 45.601 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:163 Resp: 1047770
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.4 12.6

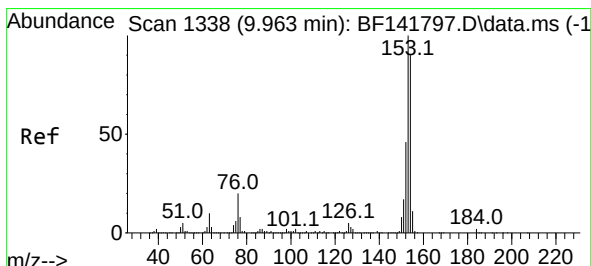
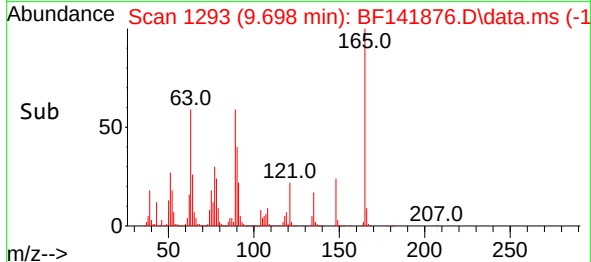
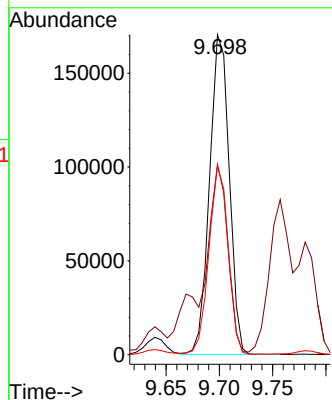
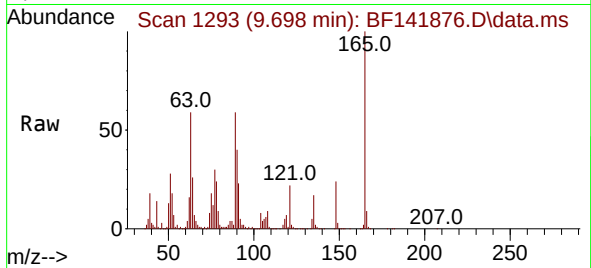




#51
2,6-Dinitrotoluene
Concen: 49.620 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

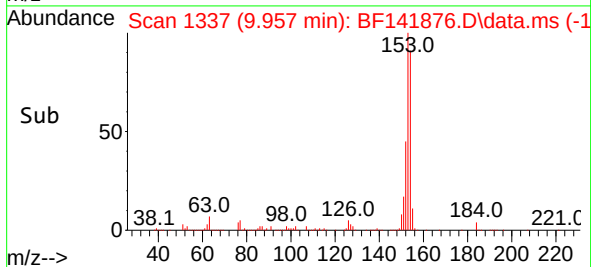
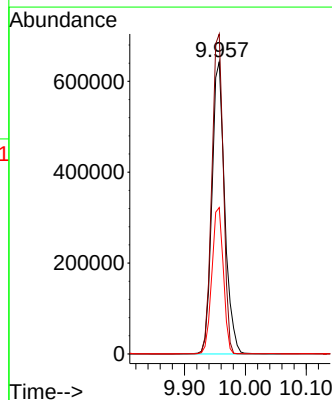
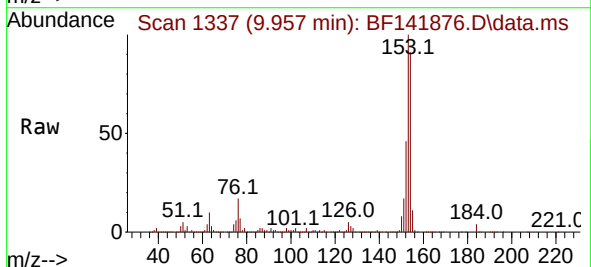
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

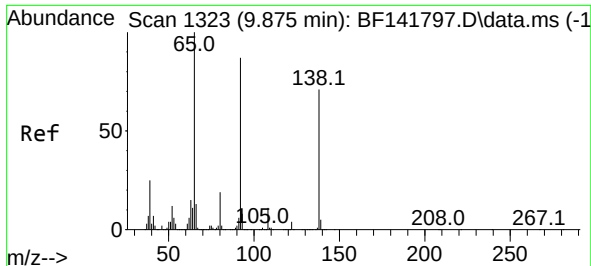
Tgt Ion:165 Resp: 218549
Ion Ratio Lower Upper
165 100
63 59.5 49.5 74.3
89 59.1 49.0 73.4



#52
Acenaphthene
Concen: 48.237 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:154 Resp: 940623
Ion Ratio Lower Upper
154 100
153 109.5 88.7 133.1
152 50.1 40.9 61.3

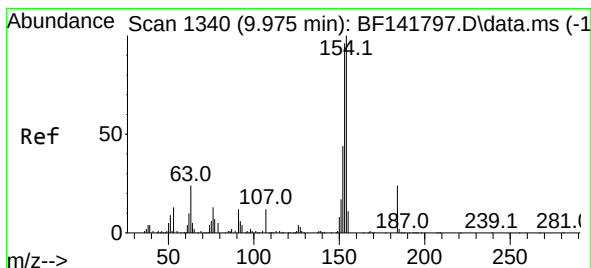
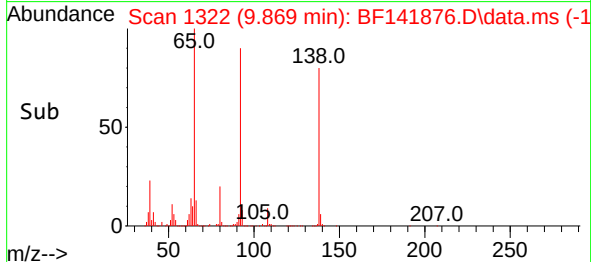
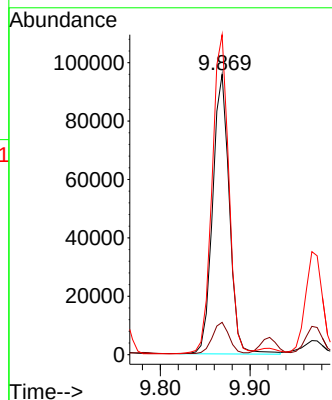
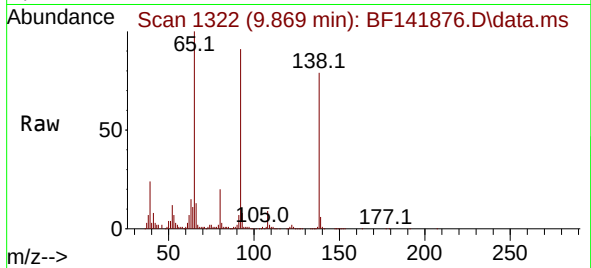




#53
3-Nitroaniline
Concen: 27.702 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

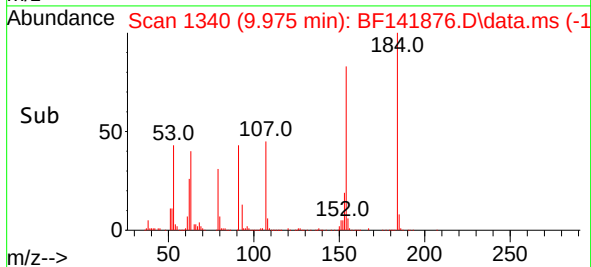
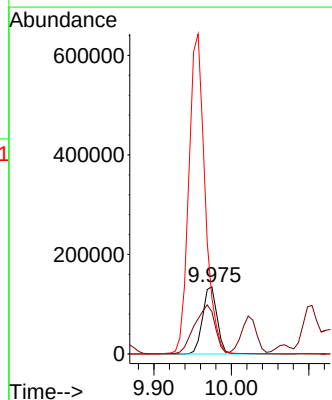
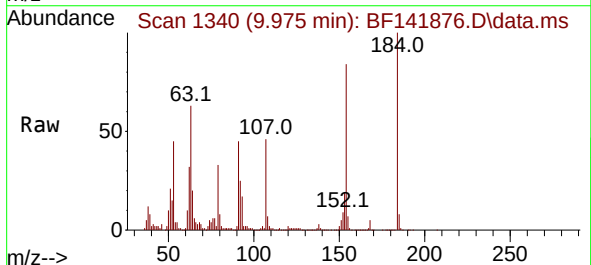
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

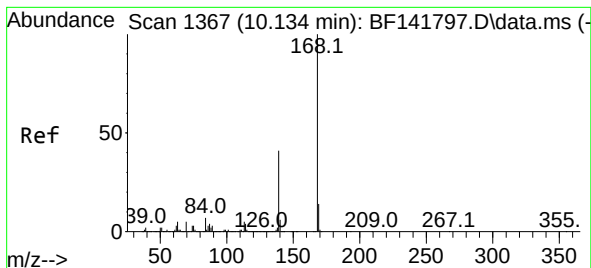
Tgt Ion:138 Resp: 123441
Ion Ratio Lower Upper
138 100
108 11.6 12.7 19.1#
92 114.2 97.9 146.9



#54
2,4-Dinitrophenol
Concen: 84.922 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:184 Resp: 175151
Ion Ratio Lower Upper
184 100
63 63.1 79.0 118.6#
154 83.6 335.8 503.8#





#55

Dibenzenofuran

Concen: 42.997 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

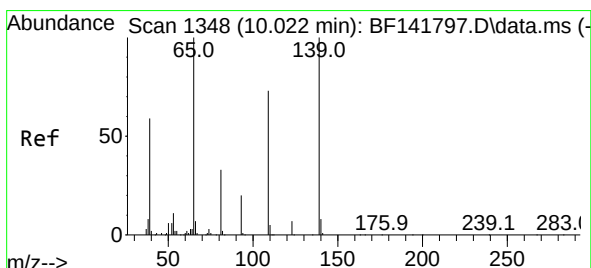
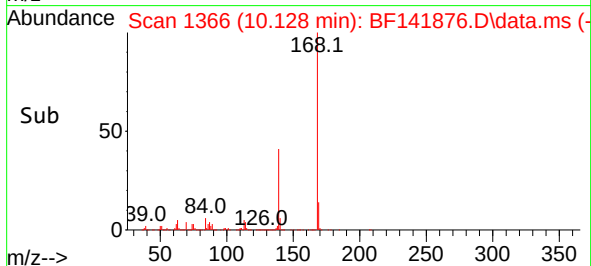
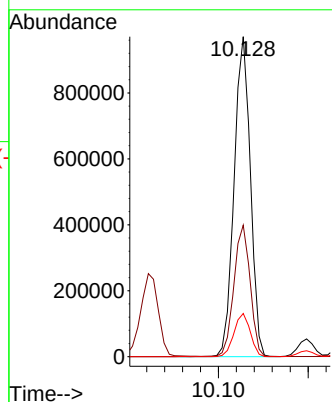
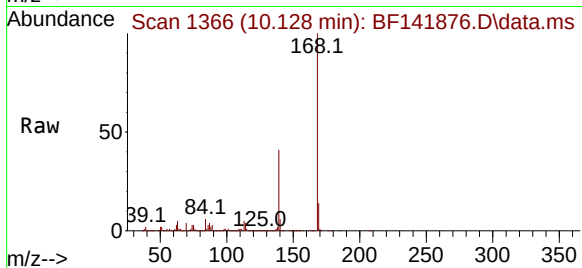
Tgt Ion:168 Resp: 1220355

Ion Ratio Lower Upper

168 100

139 41.1 32.9 49.3

169 13.5 11.1 16.7



#56

4-Nitrophenol

Concen: 101.763 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

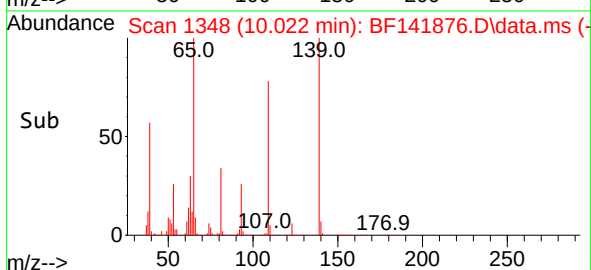
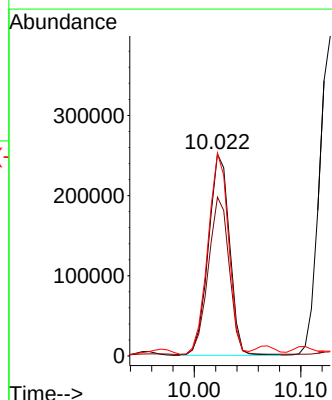
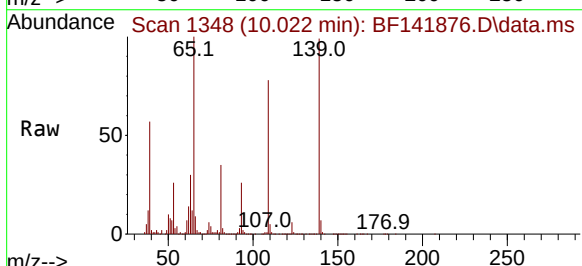
Tgt Ion:139 Resp: 345342

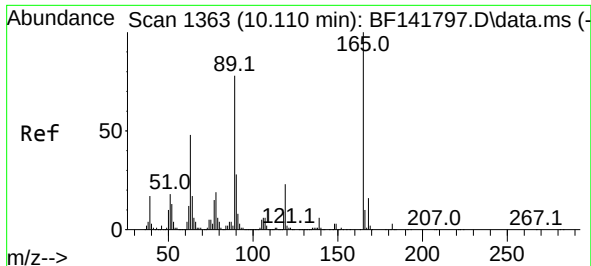
Ion Ratio Lower Upper

139 100

109 78.7 53.4 93.4

65 100.6 82.1 122.1

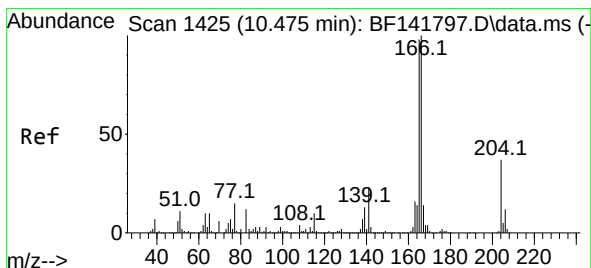
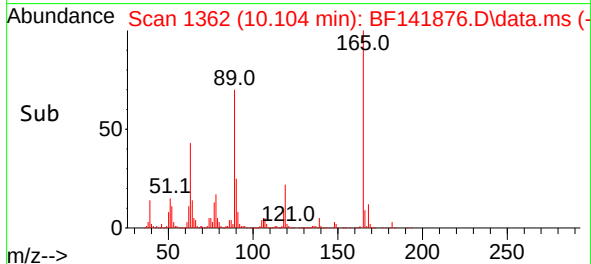
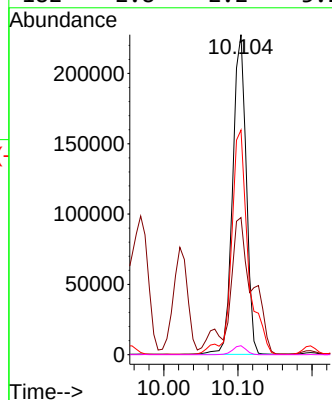
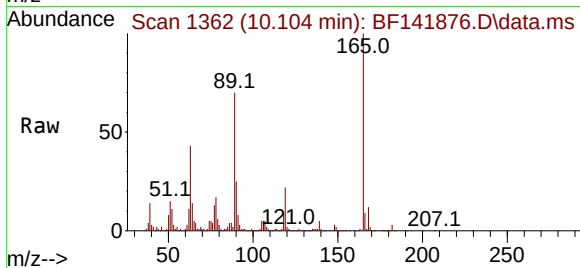




#57
2,4-Dinitrotoluene
Concen: 53.135 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

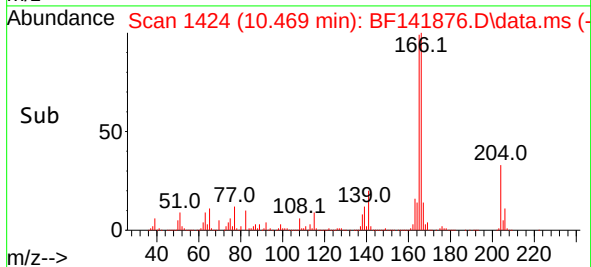
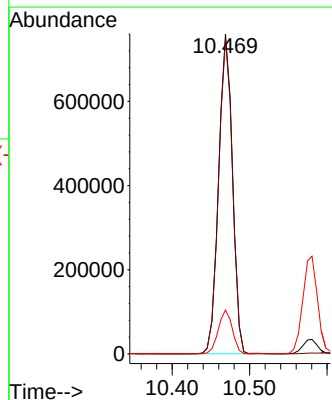
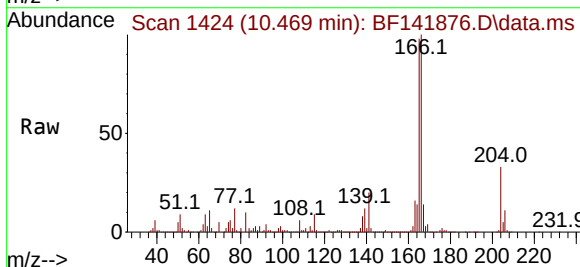
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

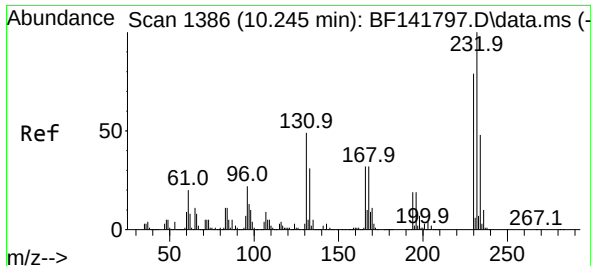
Tgt Ion:165 Resp: 287461
Ion Ratio Lower Upper
165 100
63 42.9 38.8 58.2
89 70.2 62.6 94.0
182 2.8 2.2 3.2



#58
Fluorene
Concen: 44.391 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:166 Resp: 943758
Ion Ratio Lower Upper
166 100
165 98.4 78.6 117.8
167 13.7 11.0 16.4

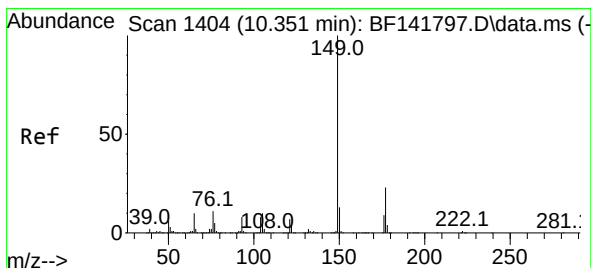
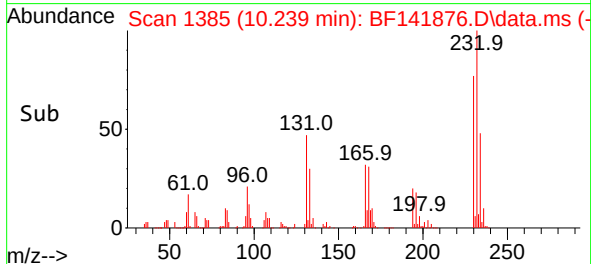
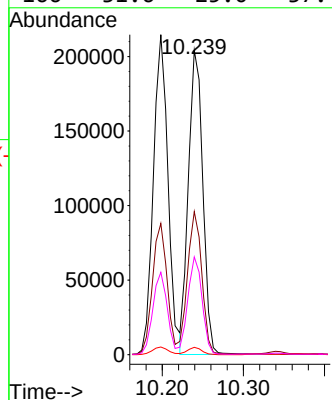
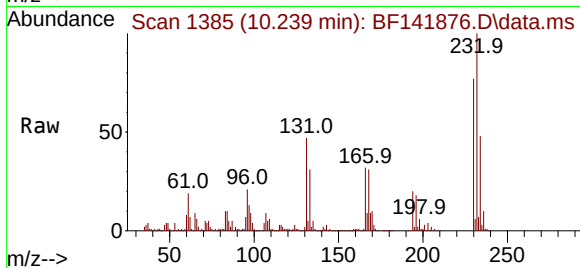




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.810 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

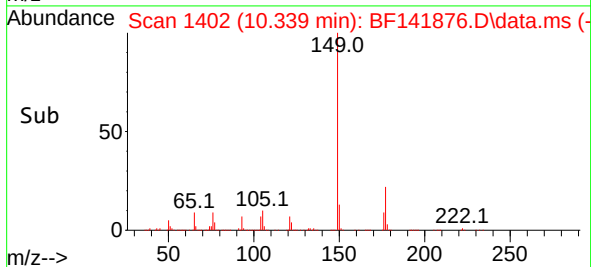
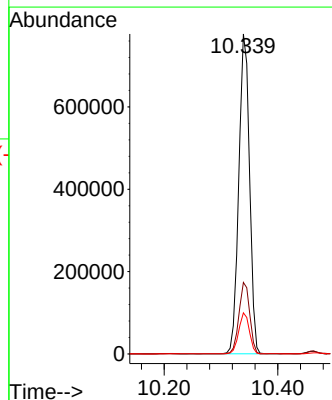
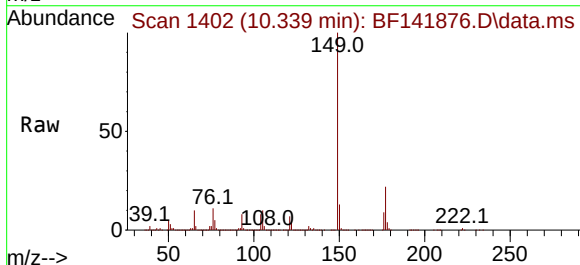
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

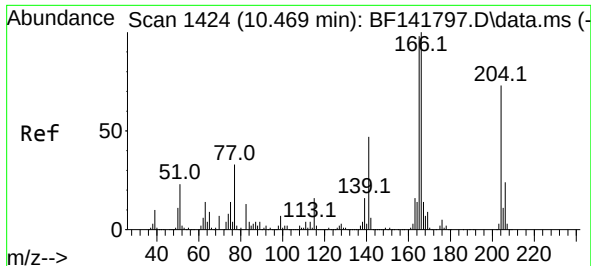
Tgt Ion:232 Resp: 252533
Ion Ratio Lower Upper
232 100
131 46.6 37.8 56.8
130 2.4 2.0 3.0
166 31.6 25.0 37.4



#60
Diethylphthalate
Concen: 43.974 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:149 Resp: 1012899
Ion Ratio Lower Upper
149 100
177 22.4 18.3 27.5
150 12.8 10.3 15.5

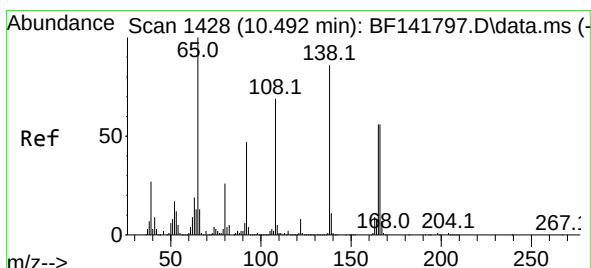
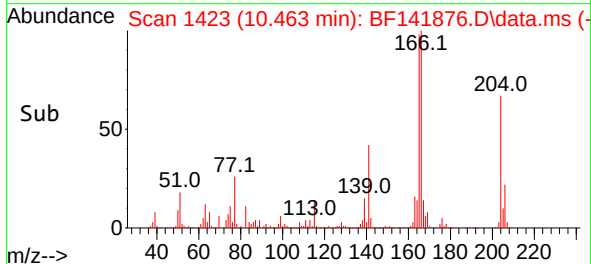
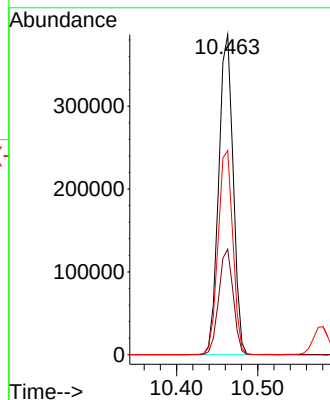
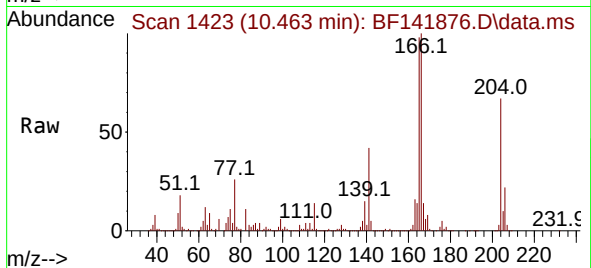




#61
4-Chlorophenyl-phenylether
Concen: 45.010 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

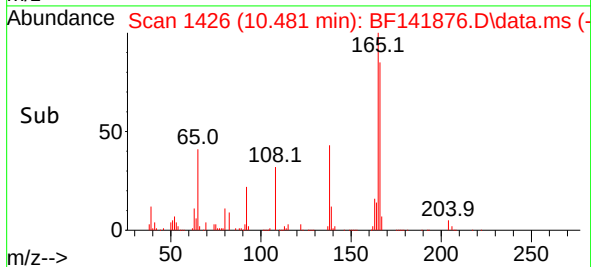
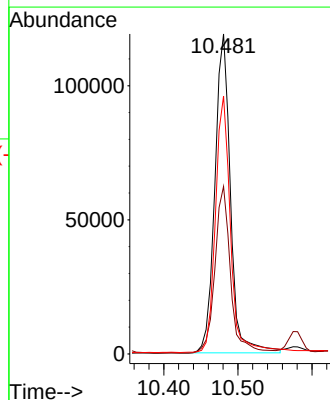
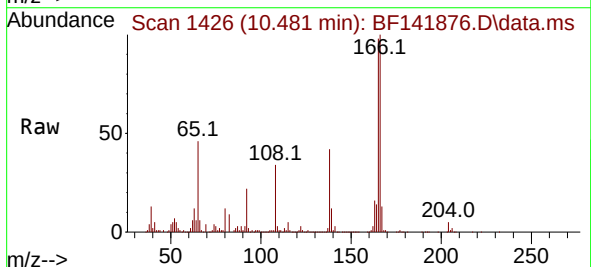
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

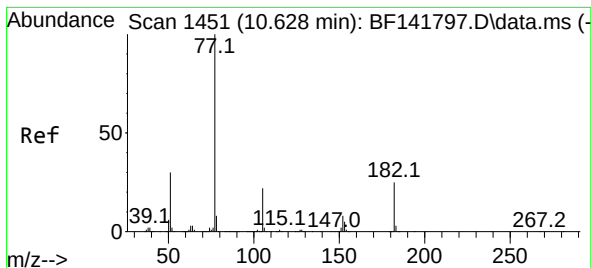
Tgt Ion:204 Resp: 479447
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 63.8 51.7 77.5



#62
4-Nitroaniline
Concen: 44.221 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:138 Resp: 173517
Ion Ratio Lower Upper
138 100
92 52.3 34.9 74.9
108 80.6 59.6 99.6





#63

Azobenzene

Concen: 42.098 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

Tgt Ion: 77 Resp: 1021007

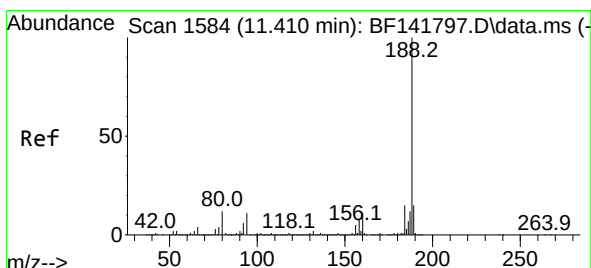
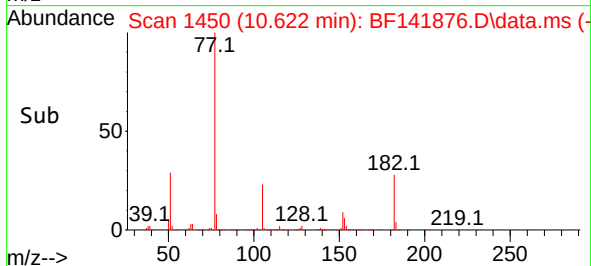
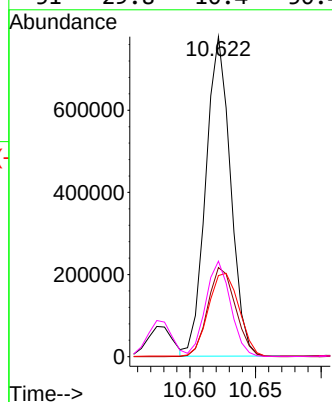
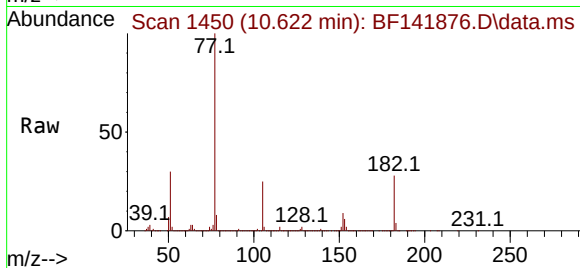
Ion Ratio Lower Upper

77 100

182 27.9 4.2 44.2

105 25.3 1.5 41.5

51 29.8 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

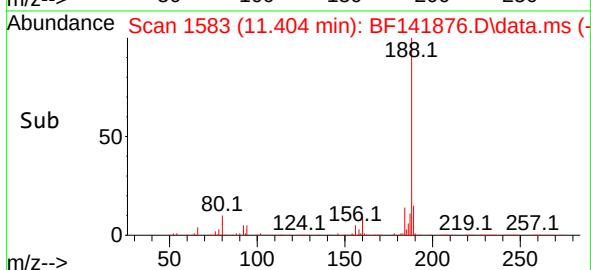
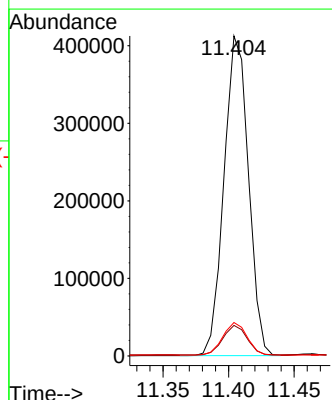
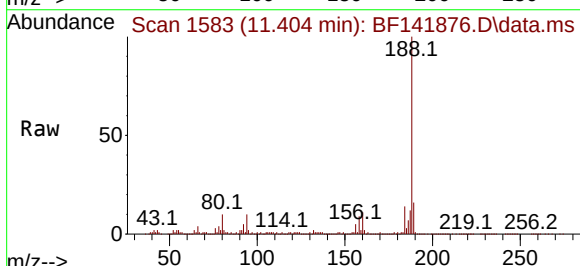
Tgt Ion:188 Resp: 535087

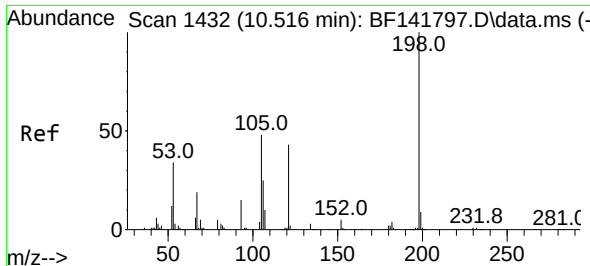
Ion Ratio Lower Upper

188 100

94 9.5 8.9 13.3

80 10.5 9.7 14.5

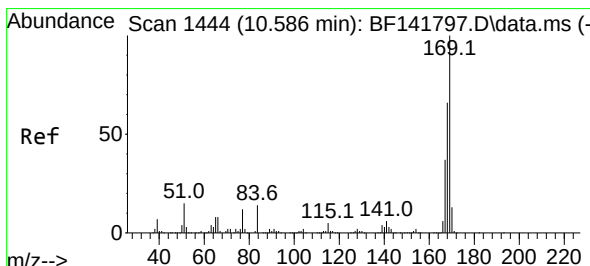
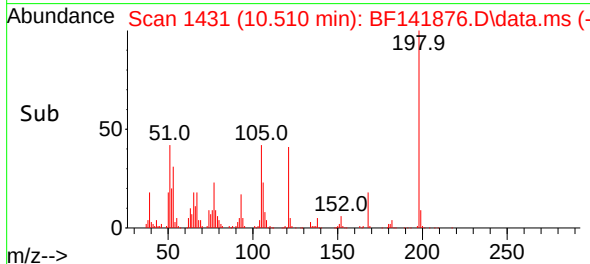
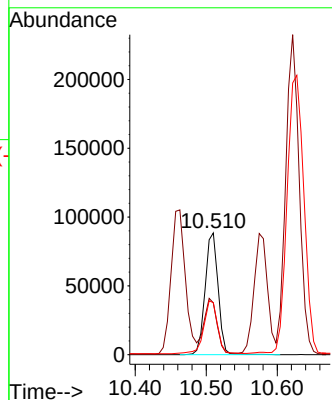
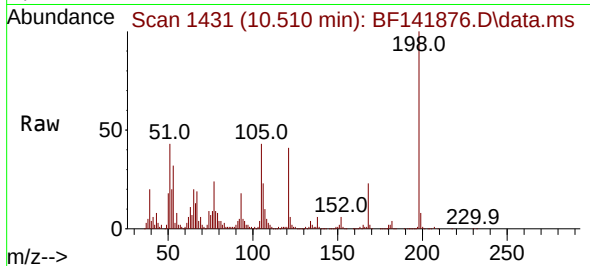




#65
4,6-Dinitro-2-methylphenol
Concen: 45.291 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

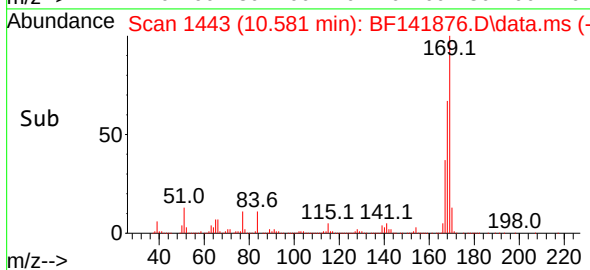
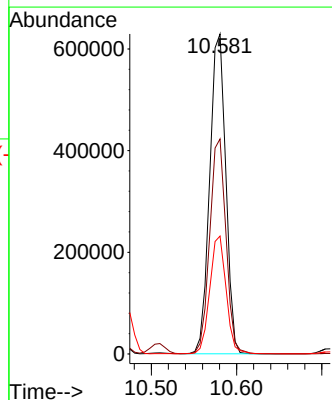
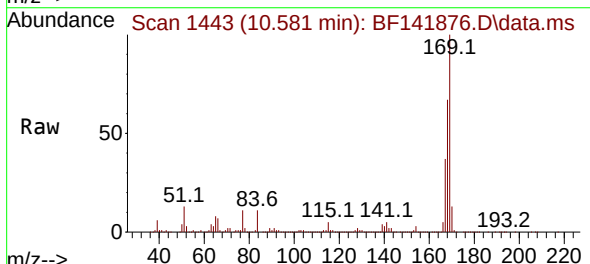
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

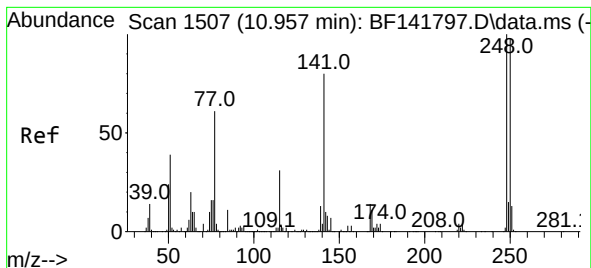
Tgt Ion:198 Resp: 112730
Ion Ratio Lower Upper
198 100
51 42.6 32.1 72.1
105 42.7 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 46.813 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:169 Resp: 822515
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.9 29.3 43.9

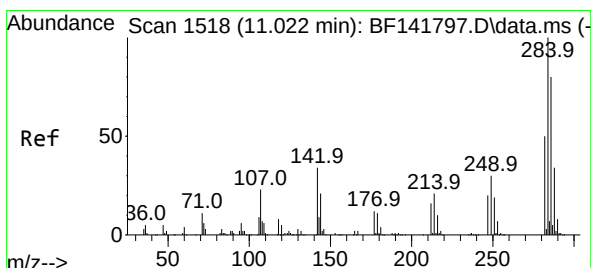
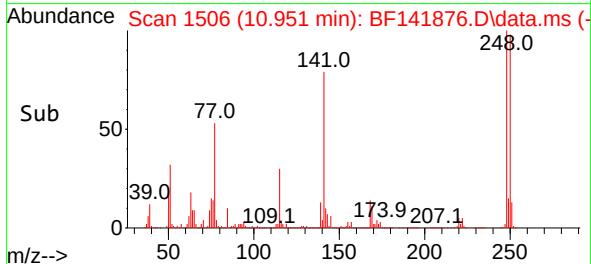
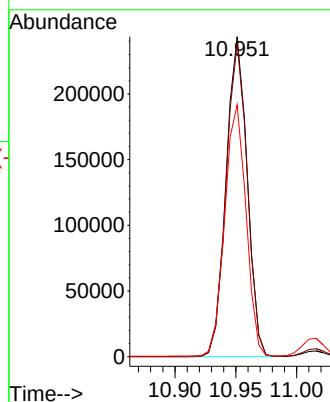
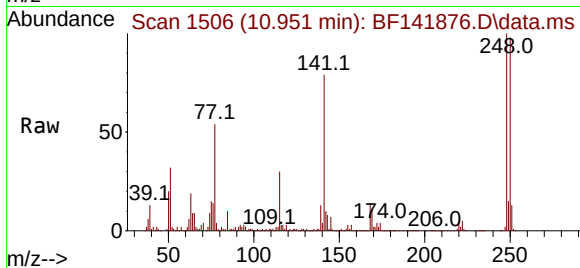




#67
4-Bromophenyl-phenylether
Concen: 47.122 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

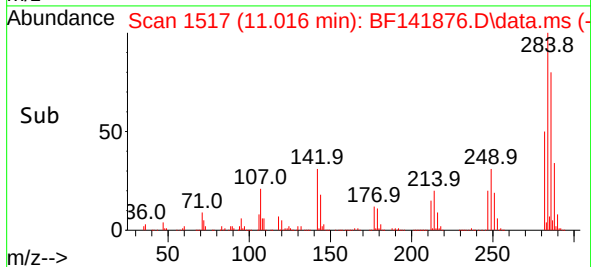
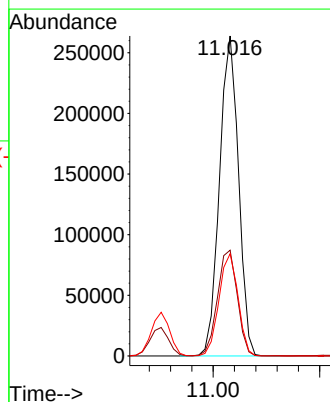
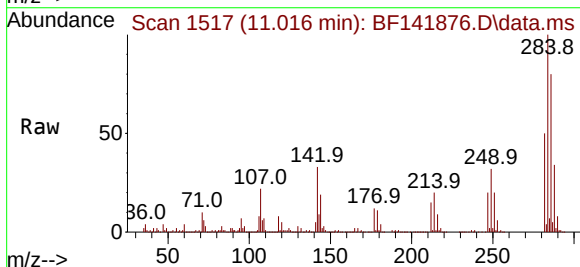
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

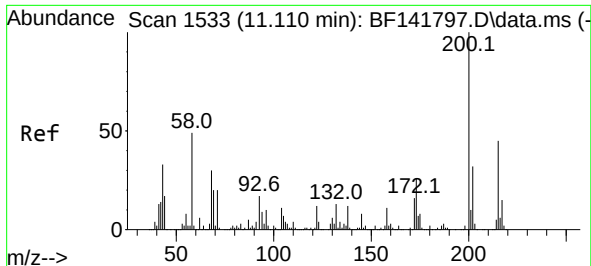
Tgt Ion:248 Resp: 294514
Ion Ratio Lower Upper
248 100
250 97.8 78.1 117.1
141 78.7 64.3 96.5



#68
Hexachlorobenzene
Concen: 49.348 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:284 Resp: 325688
Ion Ratio Lower Upper
284 100
142 33.0 28.2 42.2
249 32.0 25.5 38.3

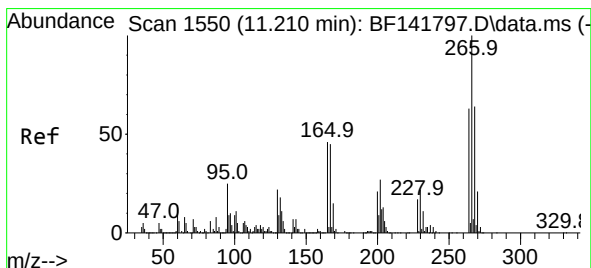
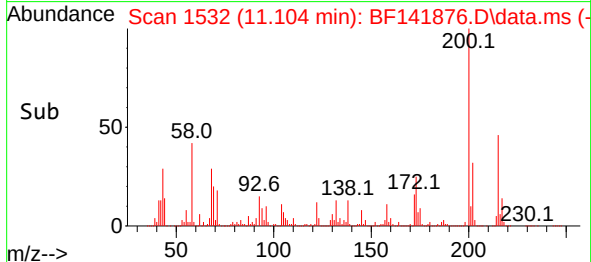
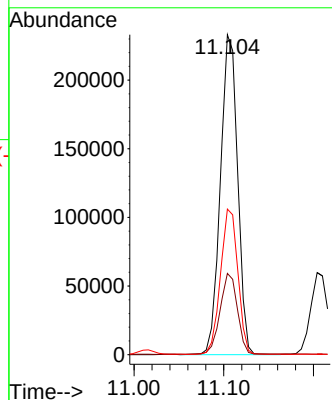
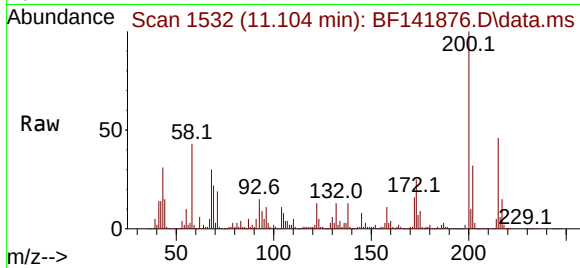




#69
 Atrazine
 Concen: 64.353 ng
 RT: 11.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

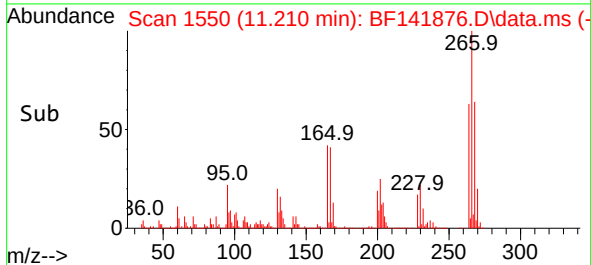
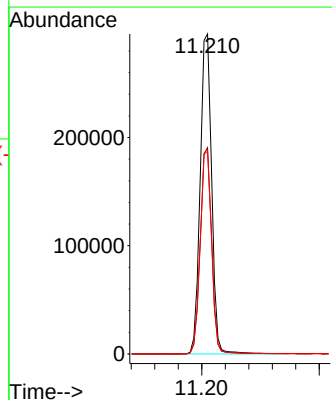
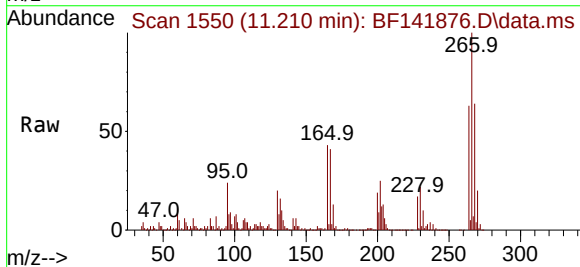
Instrument :
 BNA_F
 ClientSampleId :
 RHL1PXIMSD

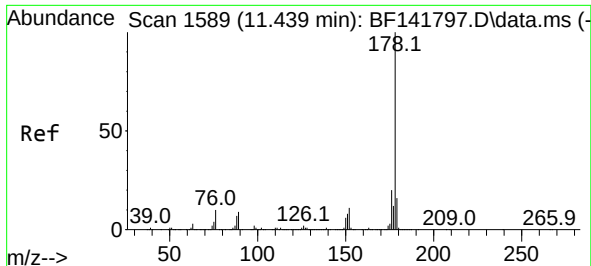
Tgt Ion:200 Resp: 310940
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.6 45.6
 215 45.5 25.3 65.3



#70
 Pentachlorophenol
 Concen: 95.539 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF141876.D
 Acq: 06 Mar 2025 18:58

Tgt Ion:266 Resp: 399912
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.9 76.3
 264 63.4 50.2 75.4

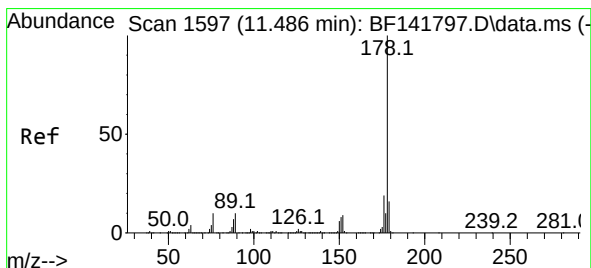
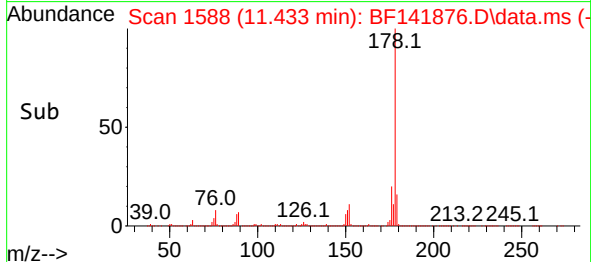
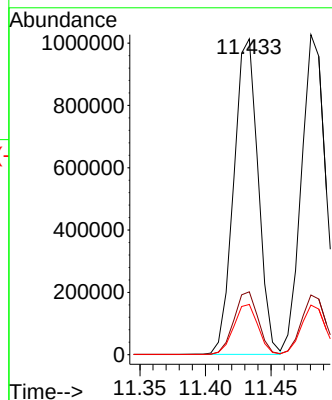
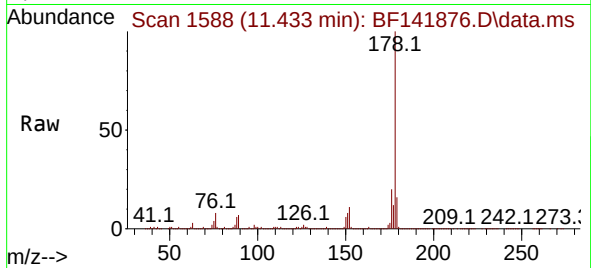




#71
Phenanthrene
Concen: 45.681 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

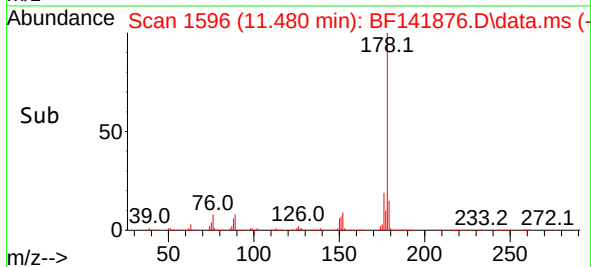
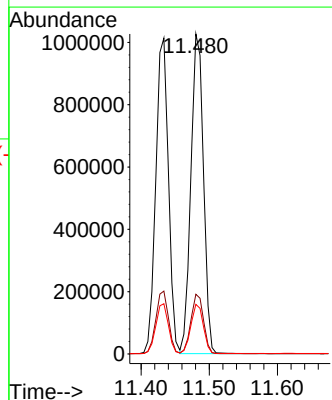
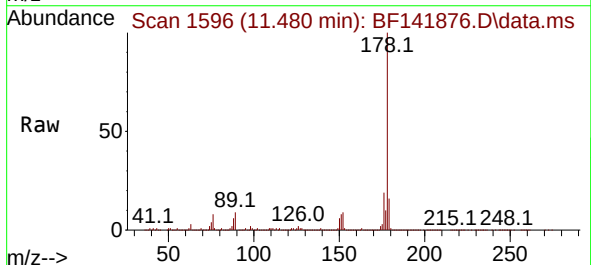
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

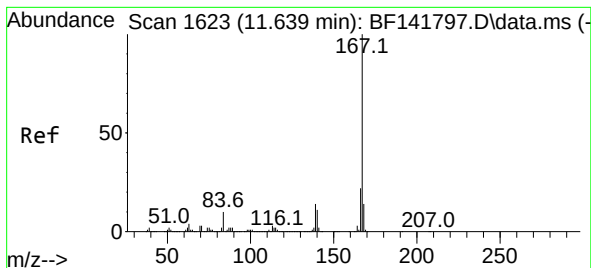
Tgt Ion:178 Resp: 1307483
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 45.543 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:178 Resp: 1306433
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.5 12.8 19.2





#73

Carbazole

Concen: 44.042 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

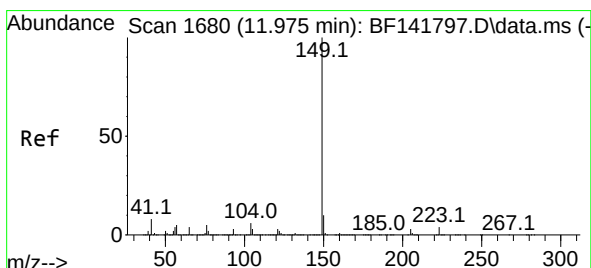
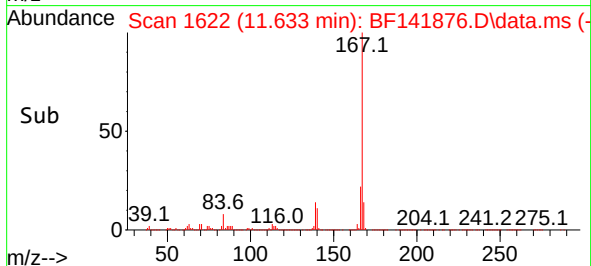
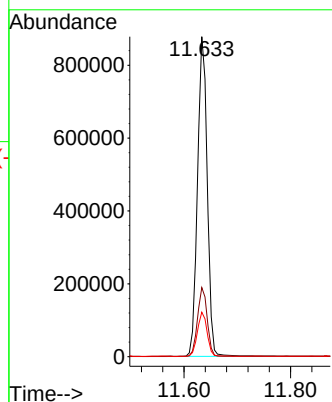
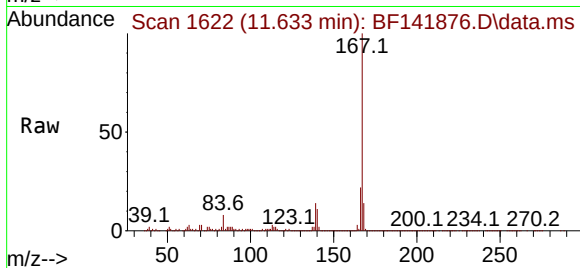
Tgt Ion:167 Resp: 1115639

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 13.9 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.044 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

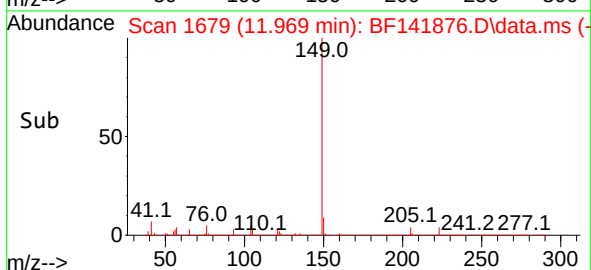
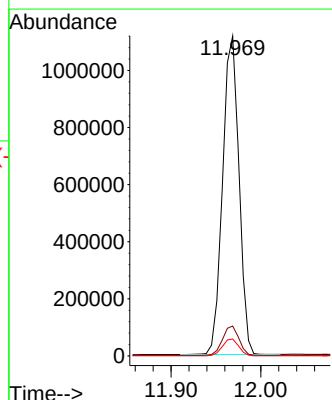
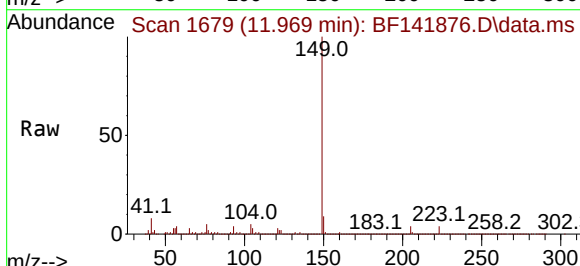
Tgt Ion:149 Resp: 1414226

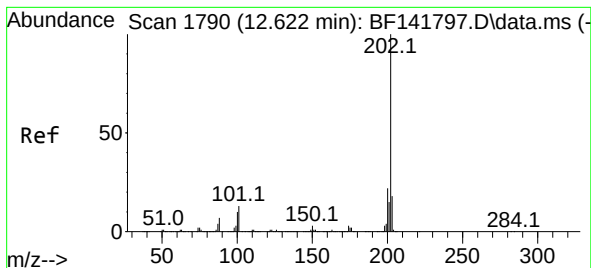
Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 43.534 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

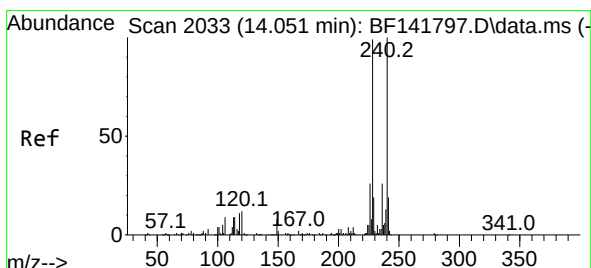
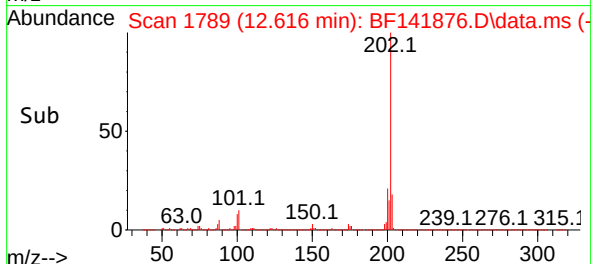
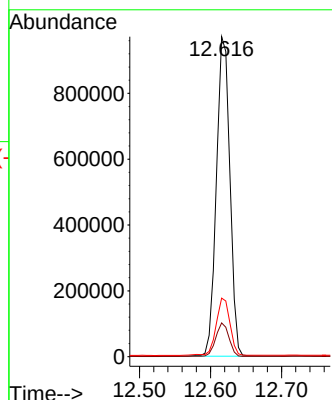
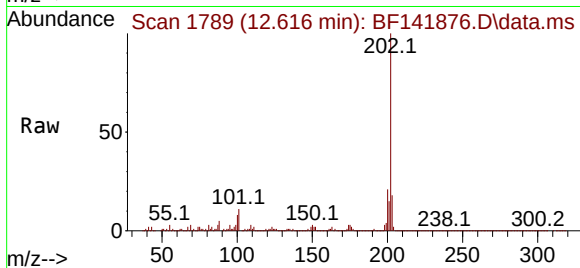
Tgt Ion:202 Resp: 1276768

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.8

203 18.3 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

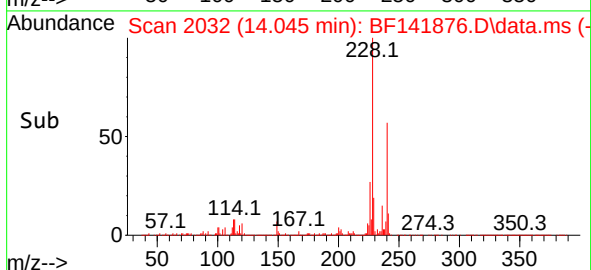
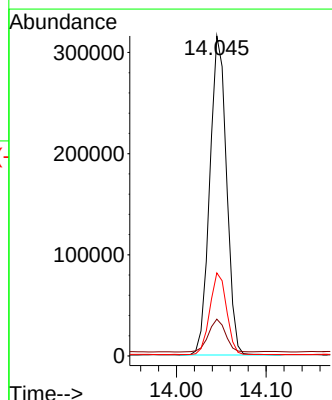
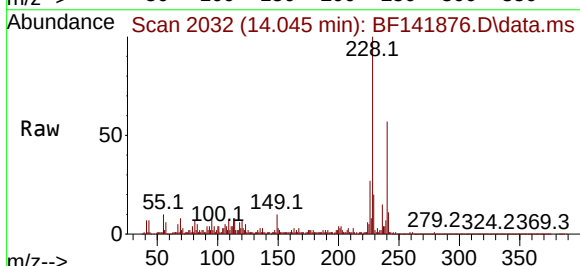
Tgt Ion:240 Resp: 408916

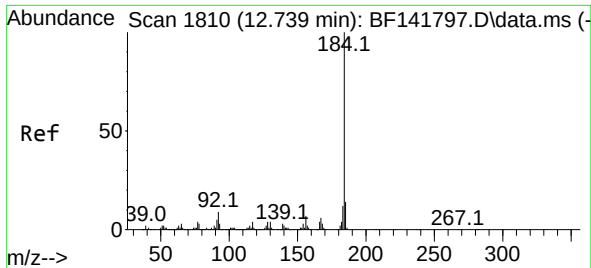
Ion Ratio Lower Upper

240 100

120 11.5 9.7 14.5

236 25.9 21.0 31.4

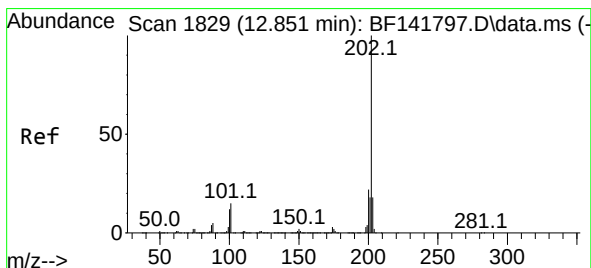
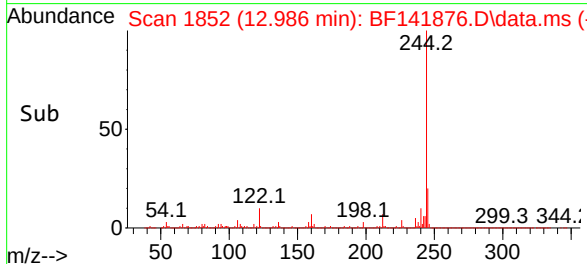
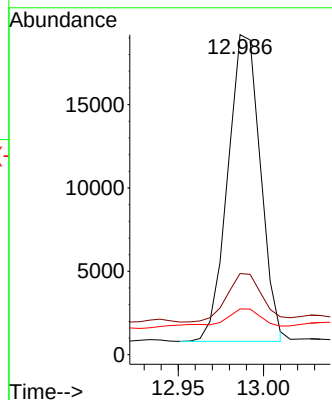
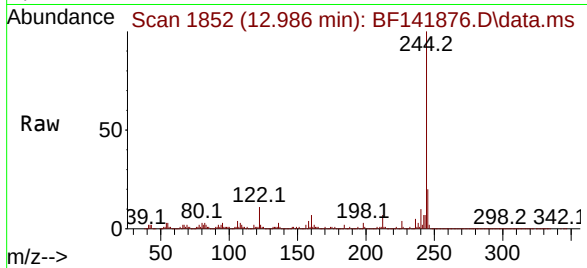




#77
Benzidine
Concen: 4.761 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

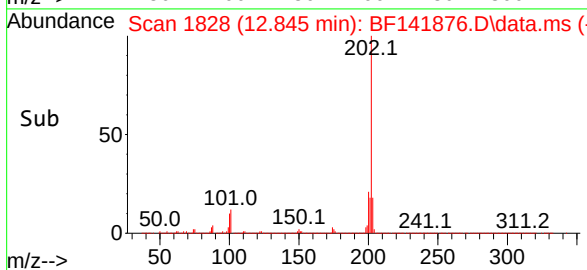
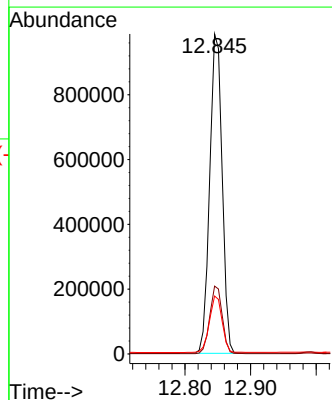
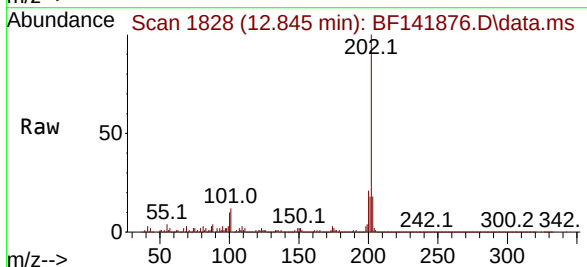
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

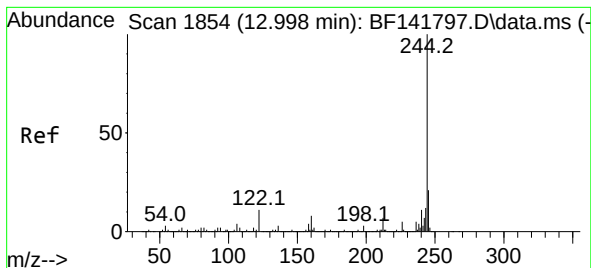
Tgt Ion:184 Resp: 24503
Ion Ratio Lower Upper
184 100
185 25.3 11.6 17.4#
183 14.3 9.4 14.0#



#78
Pyrene
Concen: 36.776 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:202 Resp: 1302226
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.0
203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 68.774 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

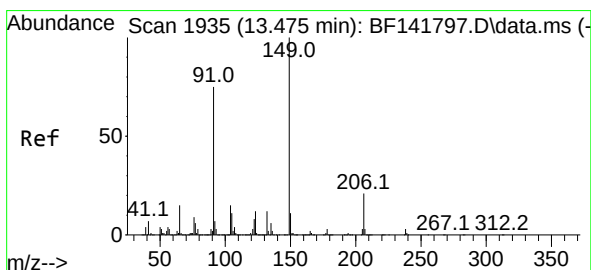
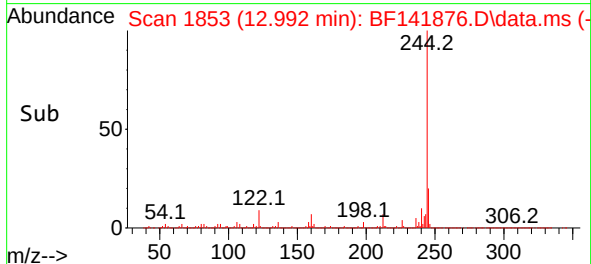
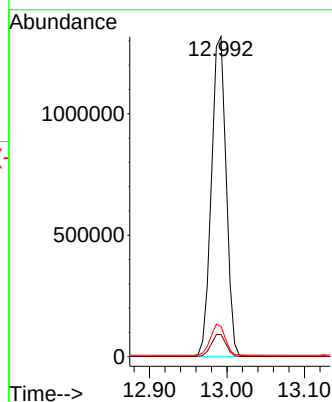
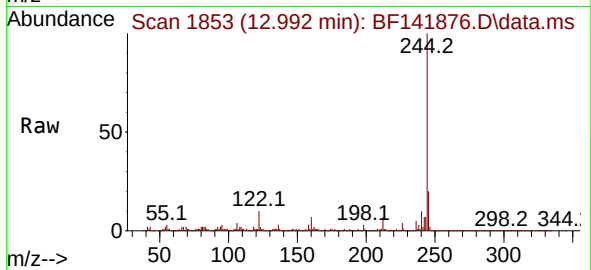
Tgt Ion:244 Resp: 1738196

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.5 9.0 13.6



#80

Butylbenzylphthalate

Concen: 41.711 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

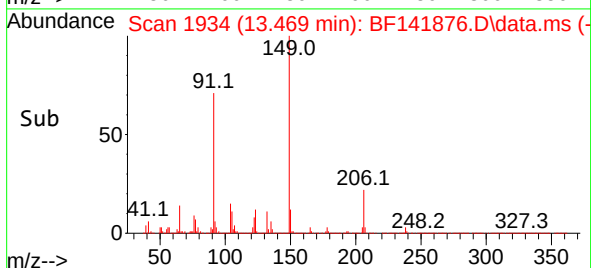
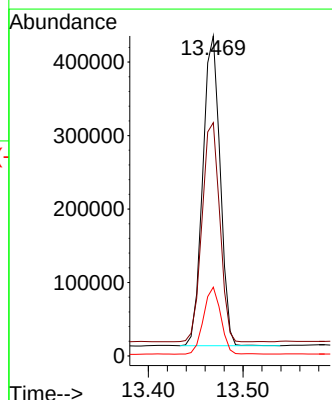
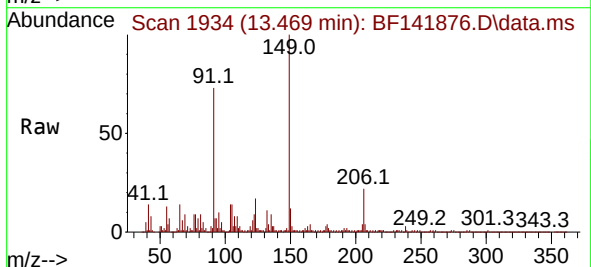
Tgt Ion:149 Resp: 536612

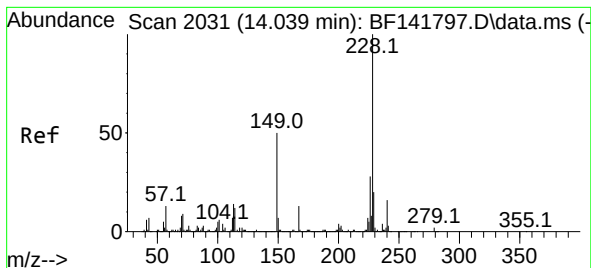
Ion Ratio Lower Upper

149 100

91 72.9 60.1 90.1

206 21.5 16.8 25.2





#81

Benzo(a)anthracene

Concen: 44.781 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

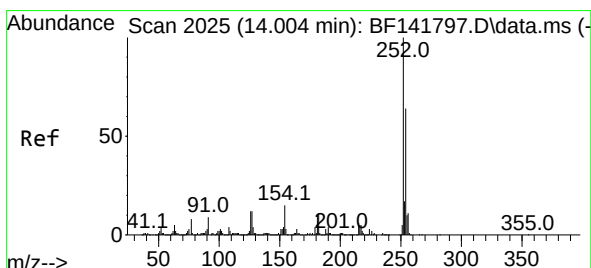
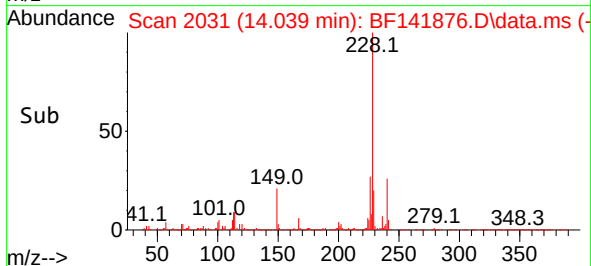
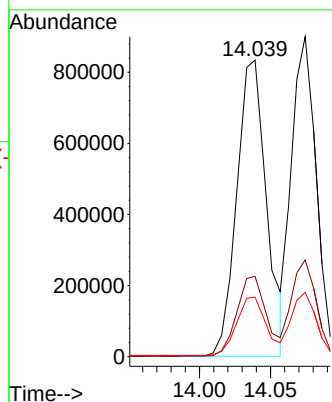
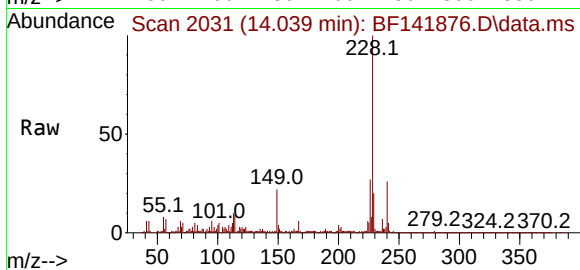
Tgt Ion:228 Resp: 1209514

Ion Ratio Lower Upper

228 100

226 27.1 22.1 33.1

229 20.0 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 2.621 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

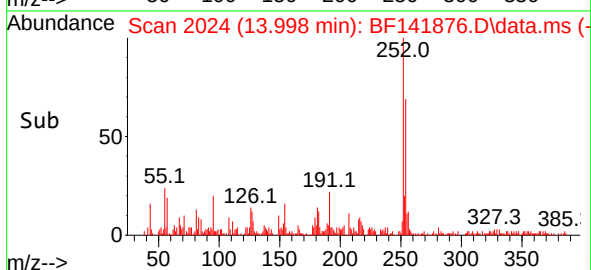
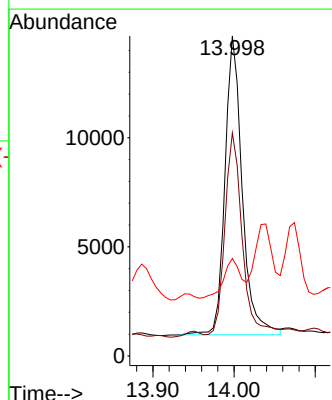
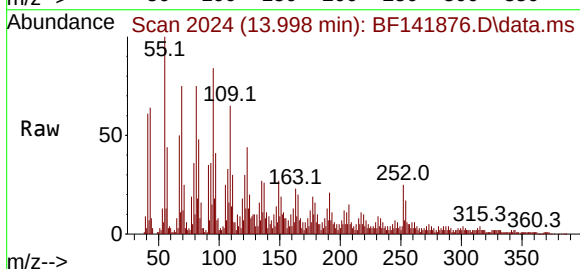
Tgt Ion:252 Resp: 20307

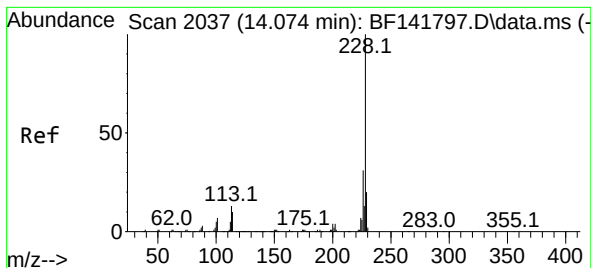
Ion Ratio Lower Upper

252 100

254 69.7 51.4 77.0

126 30.4 9.8 14.6#





#83

Chrysene

Concen: 43.577 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

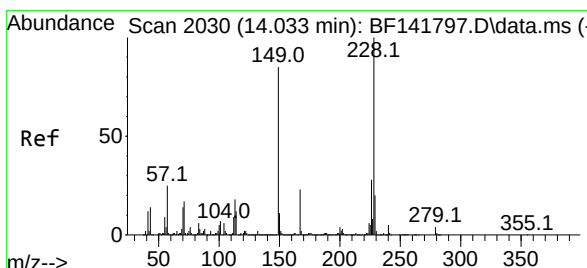
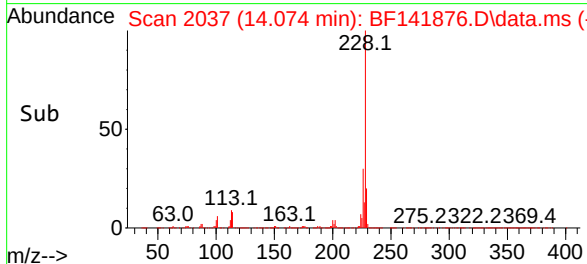
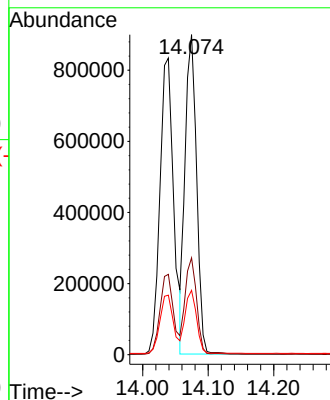
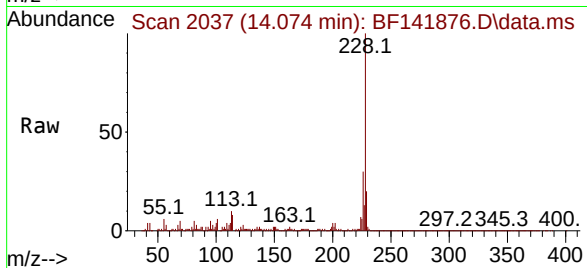
Tgt Ion:228 Resp: 1084992

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.274 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

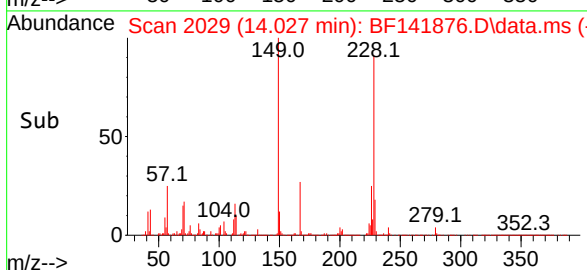
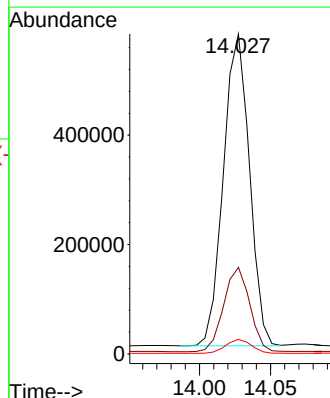
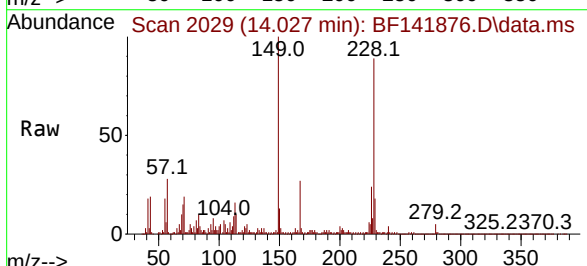
Tgt Ion:149 Resp: 725244

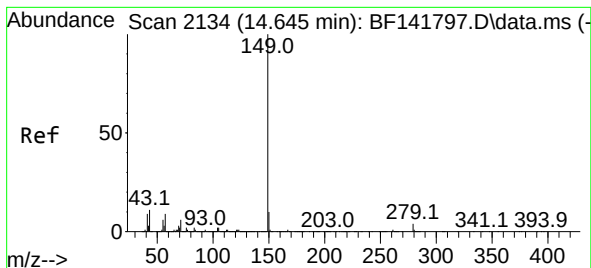
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.737 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

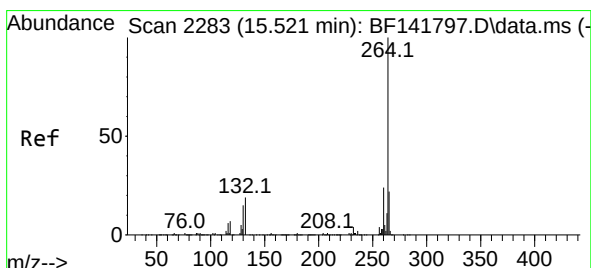
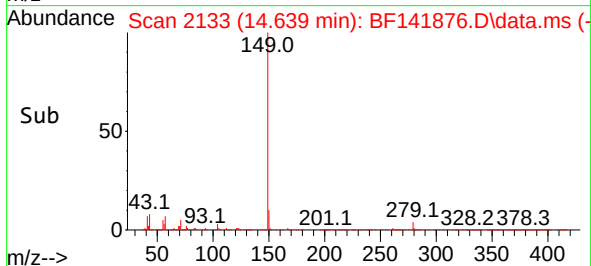
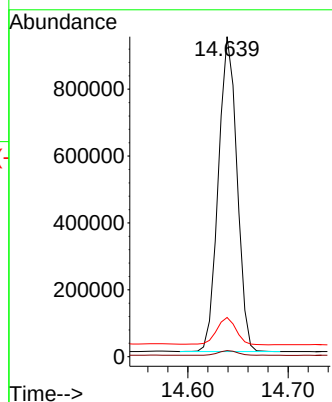
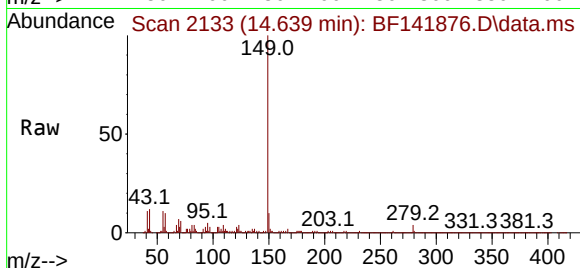
Tgt Ion:149 Resp: 1216781

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

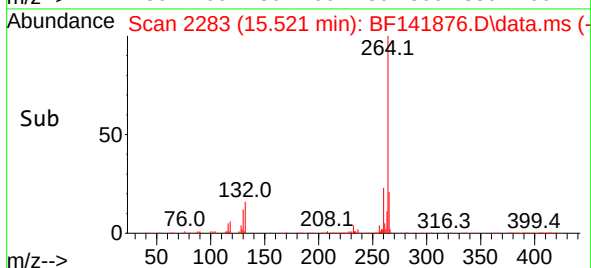
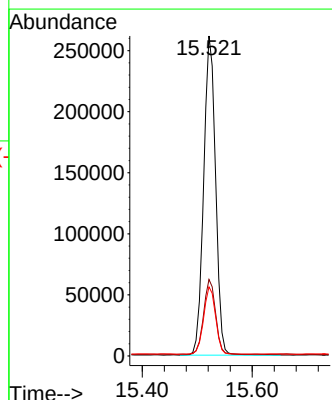
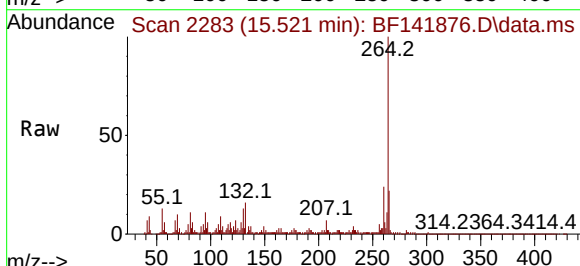
Tgt Ion:264 Resp: 392870

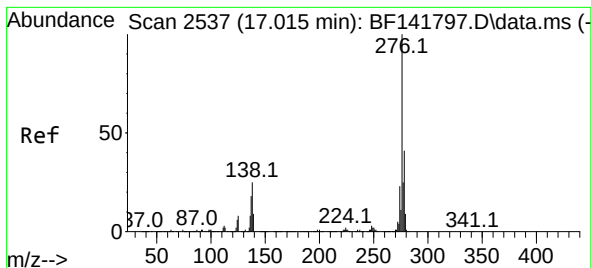
Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.632 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

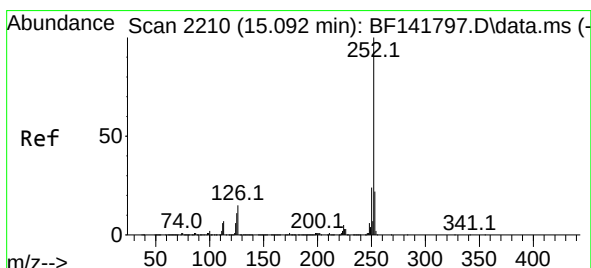
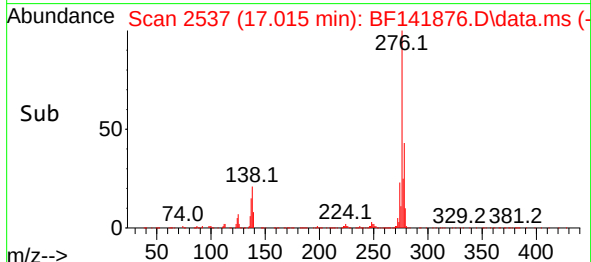
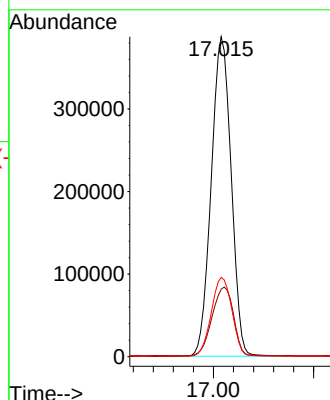
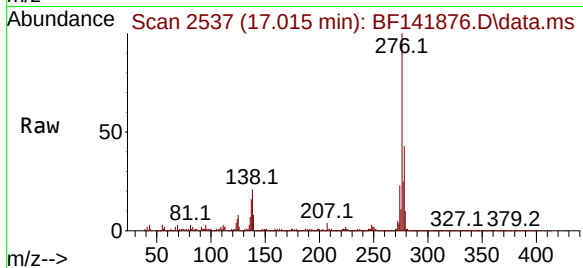
Tgt Ion:276 Resp: 1066521

Ion Ratio Lower Upper

276 100

138 23.3 22.5 33.7

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.672 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

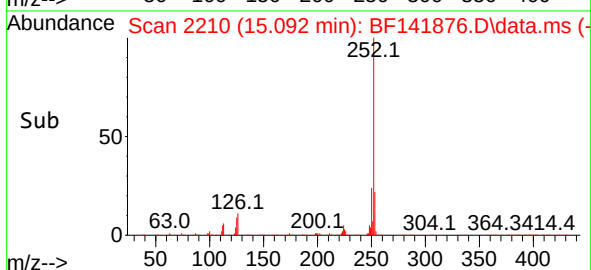
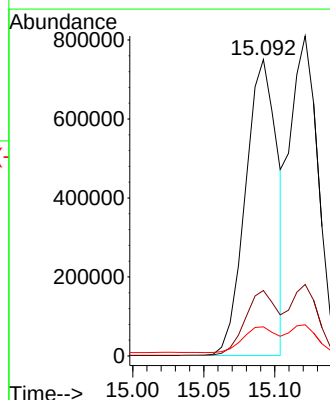
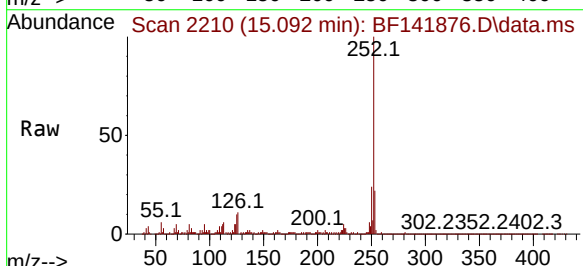
Tgt Ion:252 Resp: 1168709

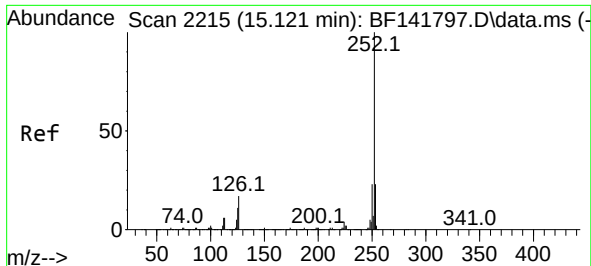
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.8 8.6 13.0

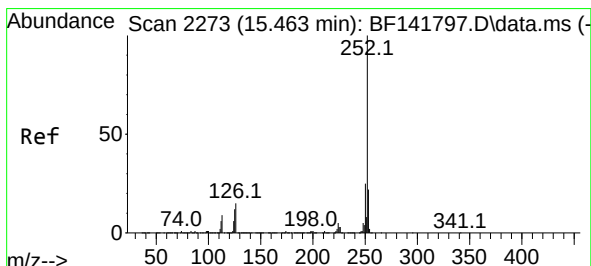
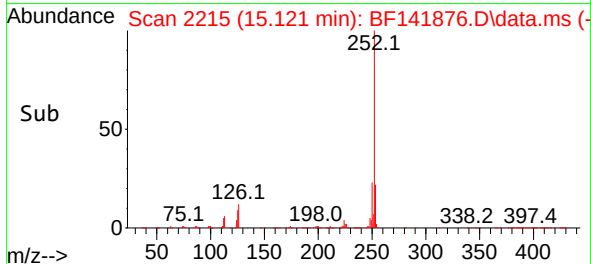
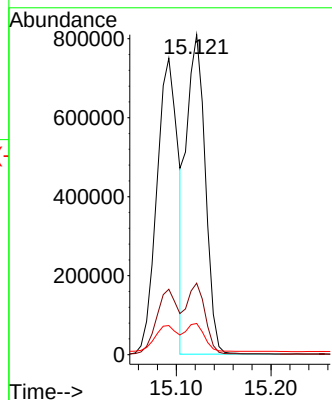
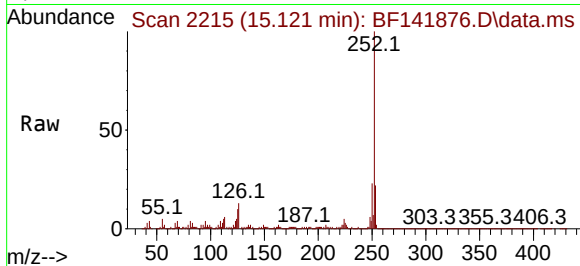




#89
Benzo(k)fluoranthene
Concen: 48.587 ng
RT: 15.121 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

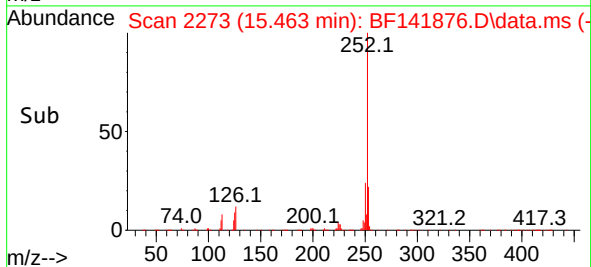
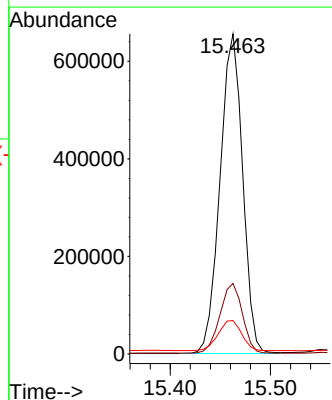
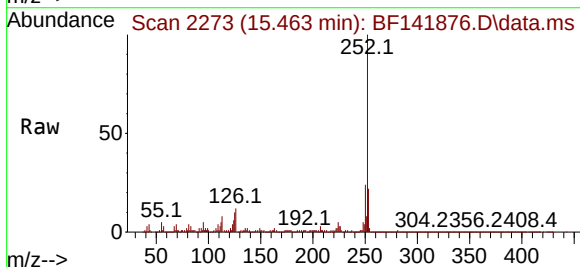
Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

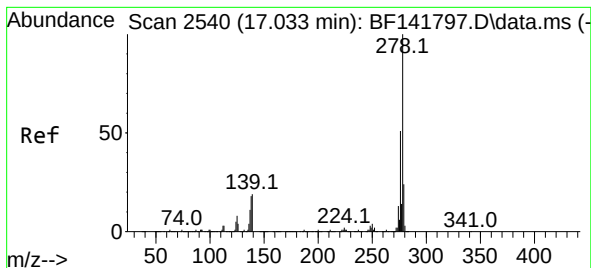
Tgt Ion:252 Resp: 1105159
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 47.673 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF141876.D
Acq: 06 Mar 2025 18:58

Tgt Ion:252 Resp: 1023157
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 44.164 ng

RT: 17.033 min Scan# 2

Delta R.T. -0.000 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Instrument :

BNA_F

ClientSampleId :

RHL1PXIMSD

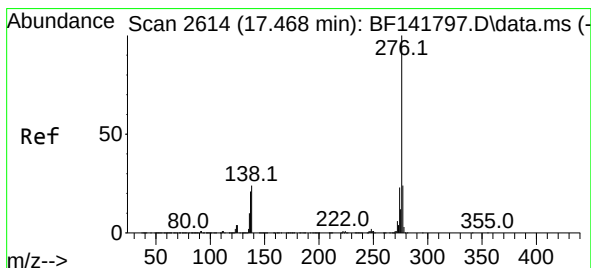
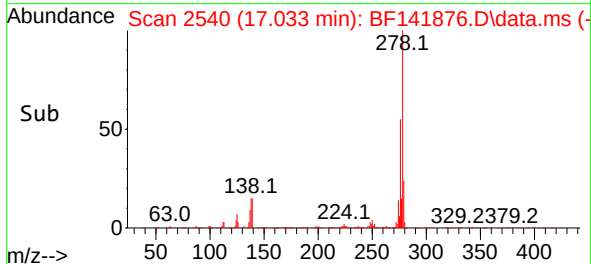
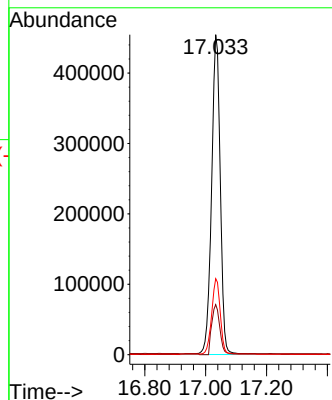
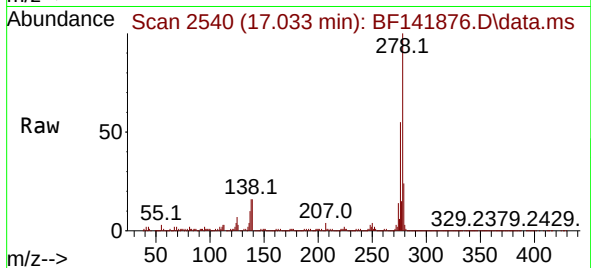
Tgt Ion:278 Resp: 901828

Ion Ratio Lower Upper

278 100

139 15.6 14.9 22.3

279 23.7 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 37.849 ng

RT: 17.462 min Scan# 2613

Delta R.T. -0.006 min

Lab File: BF141876.D

Acq: 06 Mar 2025 18:58

Tgt Ion:276 Resp: 791785

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.0

138 20.3 19.3 28.9

