

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141650.D
 Acq On : 14 Feb 2025 20:00
 Operator : RC/JU
 Sample : Q1365-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348MS

Quant Time: Feb 14 22:07:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	99605	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	409071	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218581	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	341392	20.000	ng	0.00
76) Chrysene-d12	13.951	240	192367	20.000	ng	-0.01
86) Perylene-d12	15.404	264	193589	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	587092	92.406	ng	0.00
7) Phenol-d6	6.434	99	727831	90.637	ng	0.00
23) Nitrobenzene-d5	7.351	82	474289	60.474	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	189022	86.086	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	829611	58.474	ng	0.00
79) Terphenyl-d14	12.892	244	691378	60.674	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.575	88	110526	43.223	ng	97
3) Pyridine	3.299	79	233059	38.301	ng	97
4) n-Nitrosodimethylamine	3.257	42	159484	39.583	ng	95
6) Aniline	6.457	93	231053	30.673	ng	93
8) 2-Chlorophenol	6.575	128	304240	44.317	ng	99
9) Benzaldehyde	6.334	77	143959	33.736	ng	99
10) Phenol	6.446	94	370740	44.358	ng	86
11) bis(2-Chloroethyl)ether	6.522	93	292622	46.613	ng	97
12) 1,3-Dichlorobenzene	6.728	146	314427	43.383	ng	97
13) 1,4-Dichlorobenzene	6.804	146	319455	43.140	ng	99
14) 1,2-Dichlorobenzene	6.957	146	304347	44.283	ng	99
15) Benzyl Alcohol	6.934	79	253896	41.231	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	434922	40.472	ng	62
17) 2-Methylphenol	7.057	107	234319	43.616	ng	# 92
18) Hexachloroethane	7.298	117	119024	43.432	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	212701	44.282	ng	96
20) 3+4-Methylphenols	7.210	107	311590	45.638	ng	# 76
22) Acetophenone	7.198	105	462928	45.493	ng	94
24) Nitrobenzene	7.375	77	320381	41.892	ng	98
25) Isophorone	7.610	82	562460	44.978	ng	99
26) 2-Nitrophenol	7.687	139	164524	43.240	ng	96
27) 2,4-Dimethylphenol	7.734	122	242835	54.631	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	350213	43.705	ng	100
29) 2,4-Dichlorophenol	7.940	162	257677	42.905	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	270549	41.368	ng	99
31) Naphthalene	8.092	128	876275	41.152	ng	100
32) Benzoic acid	7.881	122	180067	39.001	ng	100
33) 4-Chloroaniline	8.175	127	91071	12.250	ng	99
34) Hexachlorobutadiene	8.204	225	169473	43.164	ng	100
35) Caprolactam	8.522	113	64311	35.170	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	275841	41.463	ng	99
37) 2-Methylnaphthalene	8.781	142	556697	40.176	ng	99
38) 1-Methylnaphthalene	8.881	142	539579	40.206	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	301328	47.650	ng	99
41) Hexachlorocyclopentadiene	8.934	237	236962	112.659	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	175501	42.939	ng	98

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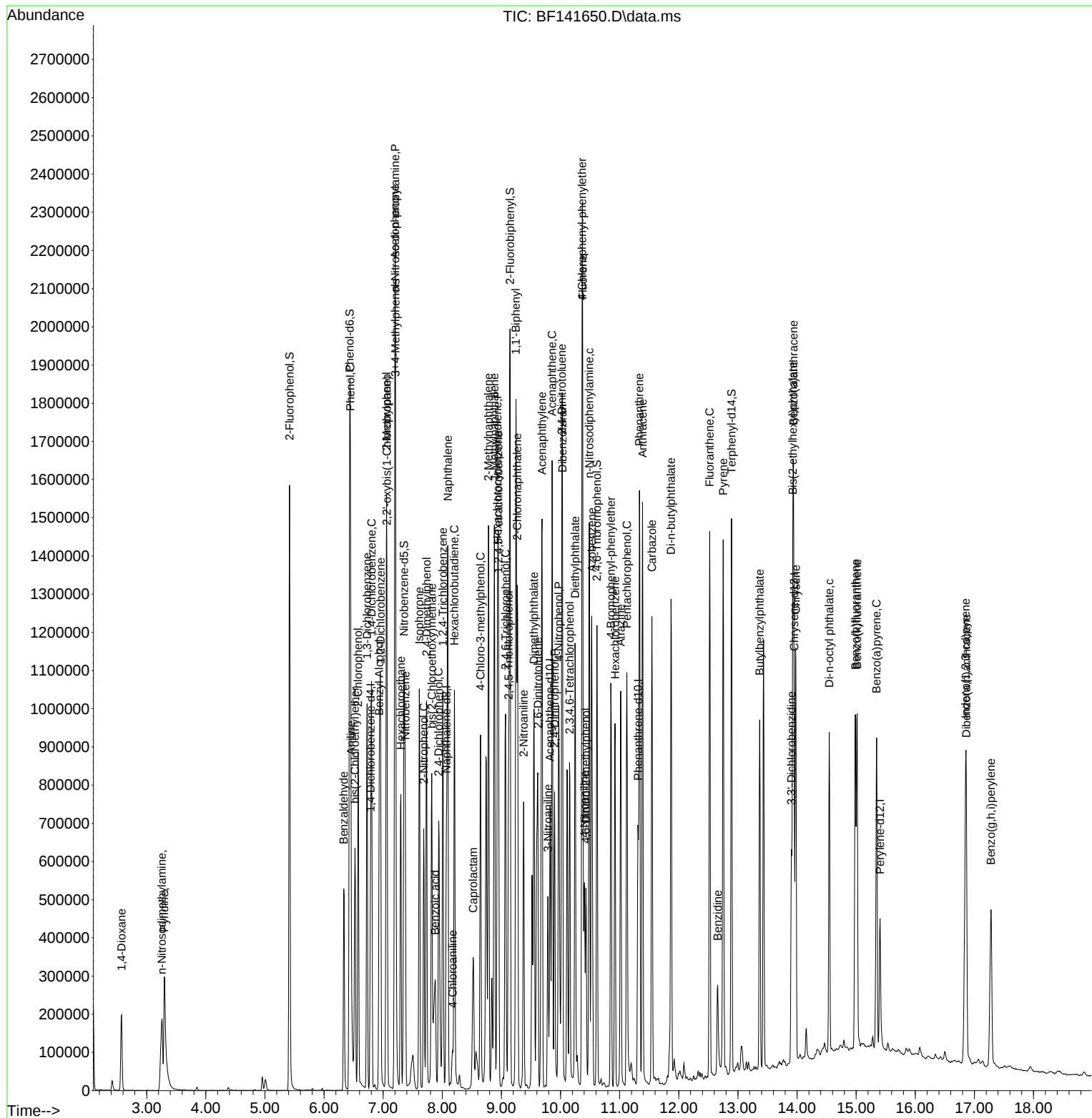
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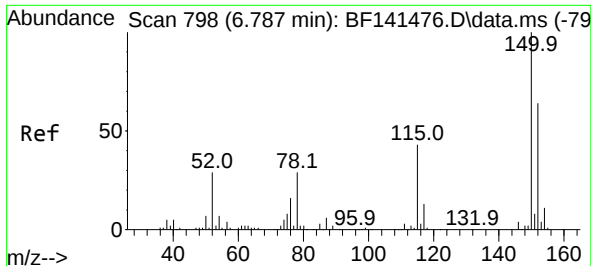
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	185465	41.870	ng	99
46) 1,1'-Biphenyl	9.245	154	795122	46.920	ng	99
47) 2-Chloronaphthalene	9.269	162	537388	42.884	ng	99
48) 2-Nitroaniline	9.375	65	177806	42.280	ng	97
49) Acenaphthylene	9.687	152	817515	43.861	ng	99
50) Dimethylphthalate	9.551	163	646487	43.567	ng	99
51) 2,6-Dinitrotoluene	9.616	165	140605	43.345	ng	96
52) Acenaphthene	9.857	154	513024	40.942	ng	98
53) 3-Nitroaniline	9.786	138	110092	31.532	ng	98
54) 2,4-Dinitrophenol	9.898	184	152609	79.157	ng	94
55) Dibenzofuran	10.034	168	737843	40.116	ng	99
56) 4-Nitrophenol	9.969	139	197014	76.015	ng	95
57) 2,4-Dinitrotoluene	10.022	165	184169	42.647	ng	98
58) Fluorene	10.375	166	582481	40.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	157045	41.181	ng	93
60) Diethylphthalate	10.245	149	612335	41.942	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	288093	42.109	ng	99
62) 4-Nitroaniline	10.404	138	134649	37.981	ng	97
63) Azobenzene	10.528	77	648087	44.653	ng	92
65) 4,6-Dinitro-2-methylph...	10.428	198	99575	41.988	ng	98
66) n-Nitrosodiphenylamine	10.486	169	506321	46.331	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	175543	46.008	ng	97
68) Hexachlorobenzene	10.922	284	178288	45.378	ng	99
69) Atrazine	11.016	200	182161	55.562	ng	100
70) Pentachlorophenol	11.122	266	185760	73.942	ng	99
71) Phenanthrene	11.333	178	849885	45.226	ng	100
72) Anthracene	11.386	178	841079	44.524	ng	100
73) Carbazole	11.545	167	703898	41.412	ng	99
74) Di-n-butylphthalate	11.869	149	878269	44.749	ng	100
75) Fluoranthene	12.522	202	830491	41.684	ng	100
77) Benzidine	12.657	184	161003	37.950	ng	99
78) Pyrene	12.751	202	811115	49.532	ng	100
80) Butylbenzylphthalate	13.369	149	289850	51.102	ng	99
81) Benzo(a)anthracene	13.939	228	590911	46.211	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	170196	46.464	ng	99
83) Chrysene	13.980	228	553159	46.850	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	363142	56.766	ng	100
85) Di-n-octyl phthalate	14.545	149	547360	59.977	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	502852	42.039	ng	99
88) Benzo(b)fluoranthene	14.986	252	548340	42.185	ng	99
89) Benzo(k)fluoranthene	15.016	252	494230	44.527	ng	99
90) Benzo(a)pyrene	15.345	252	504220	47.939	ng	99
91) Dibenzo(a,h)anthracene	16.863	278	404845	41.769	ng	100
92) Benzo(g,h,i)perylene	17.280	276	374582	36.931	ng	99

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

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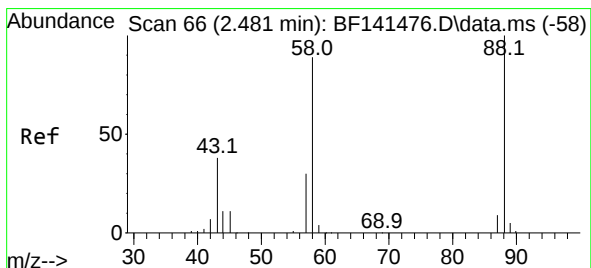
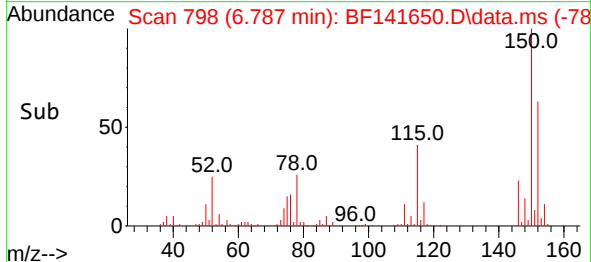
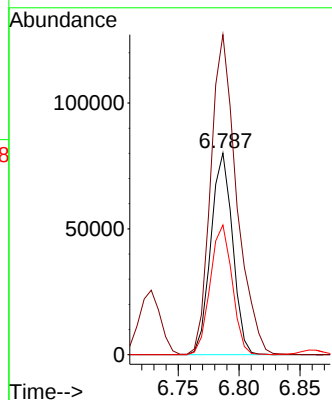
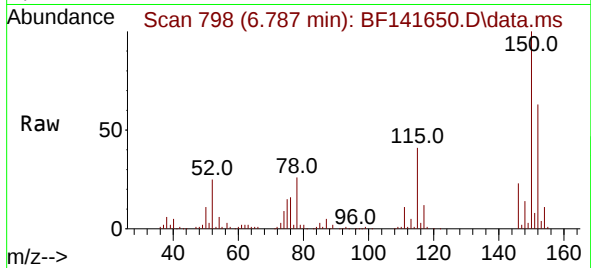




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

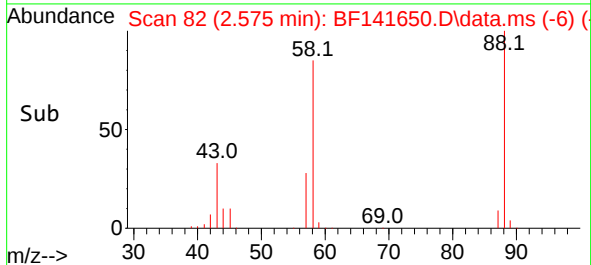
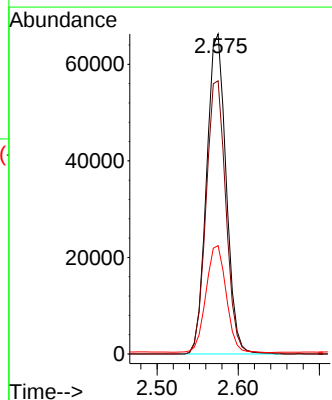
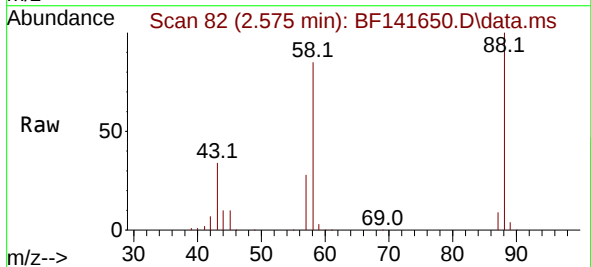
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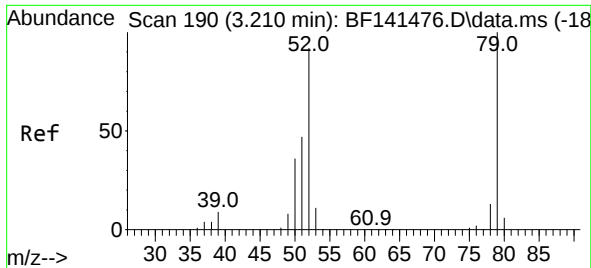
Tgt Ion:152 Resp: 99605
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.0 187.4
 115 64.4 53.6 80.4



#2
 1,4-Dioxane
 Concen: 43.223 ng
 RT: 2.575 min Scan# 82
 Delta R.T. 0.094 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

Tgt Ion: 88 Resp: 110526
 Ion Ratio Lower Upper
 88 100
 58 87.0 71.1 106.7
 43 34.6 30.6 46.0





#3

Pyridine

Concen: 38.301 ng

RT: 3.299 min Scan# 205

Delta R.T. 0.083 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

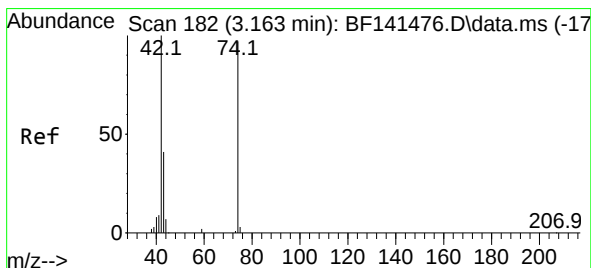
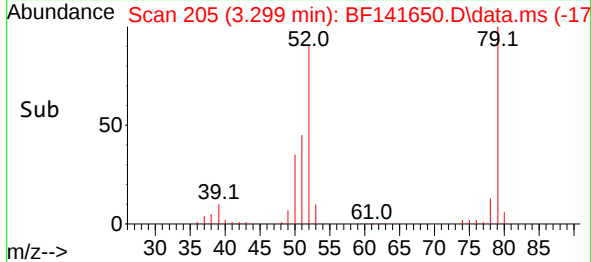
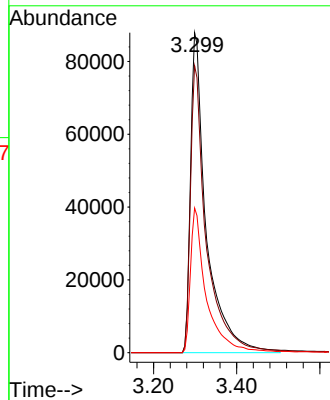
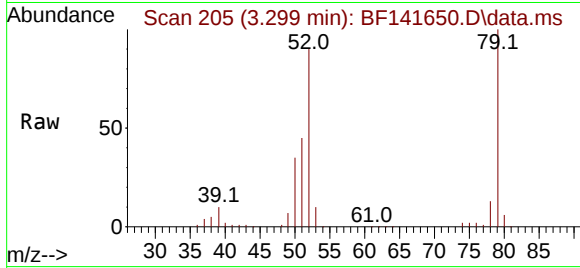
Tgt Ion: 79 Resp: 233059

Ion Ratio Lower Upper

79 100

52 89.6 73.7 110.5

51 45.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.583 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

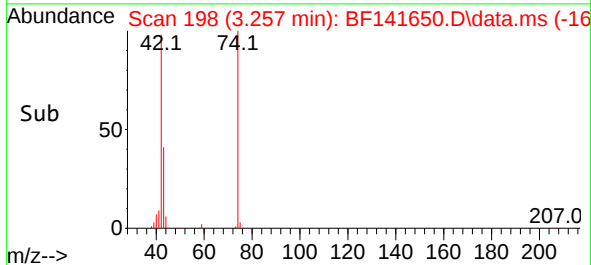
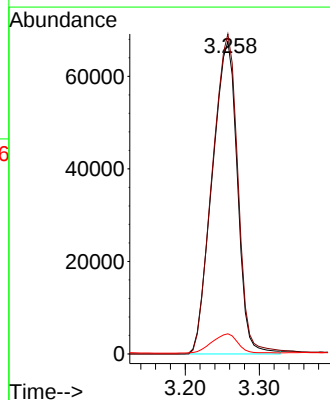
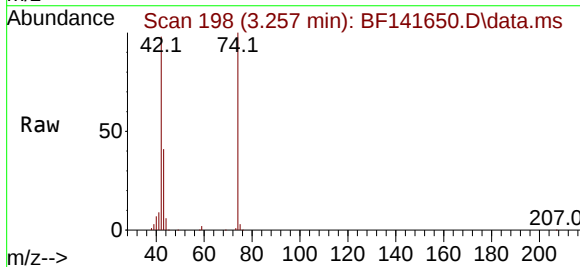
Tgt Ion: 42 Resp: 159484

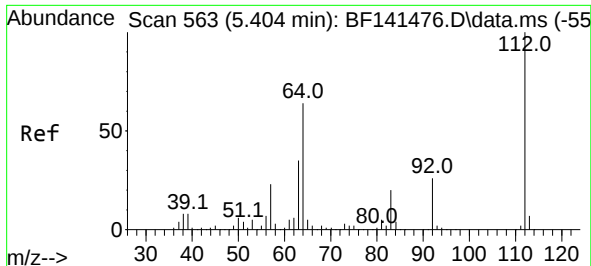
Ion Ratio Lower Upper

42 100

74 102.4 78.0 117.0

44 6.5 5.4 8.2

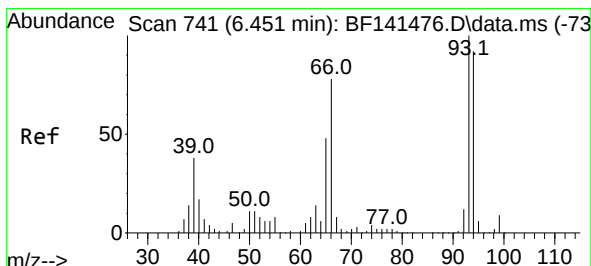
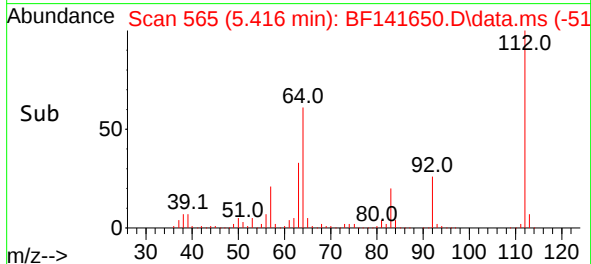
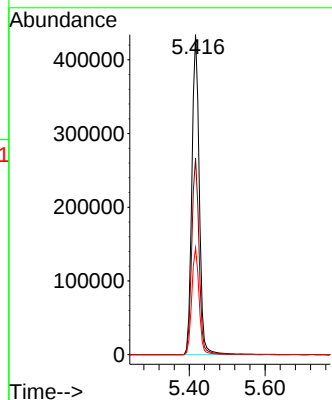
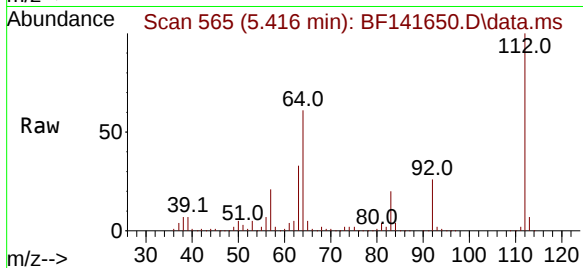




#5
2-Fluorophenol
Concen: 92.406 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

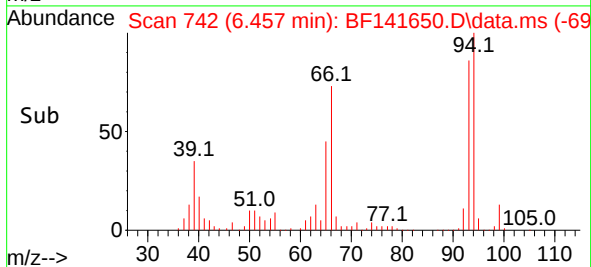
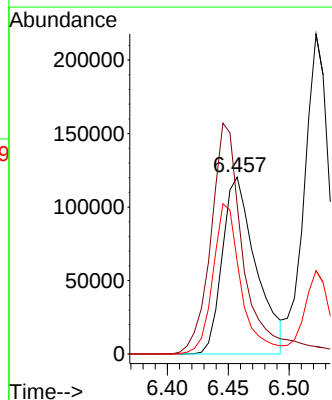
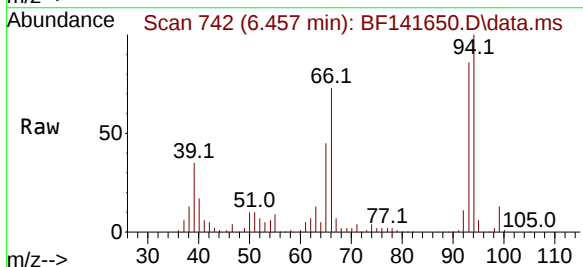
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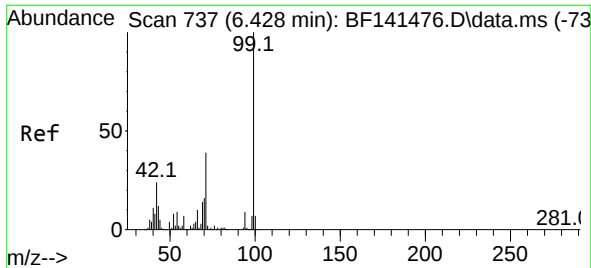
Tgt Ion:112 Resp: 587092
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 33.4 28.4 42.6



#6
Aniline
Concen: 30.673 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion: 93 Resp: 231053
Ion Ratio Lower Upper
93 100
66 84.5 62.6 94.0
65 52.4 38.3 57.5





#7
Phenol-d6
Concen: 90.637 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

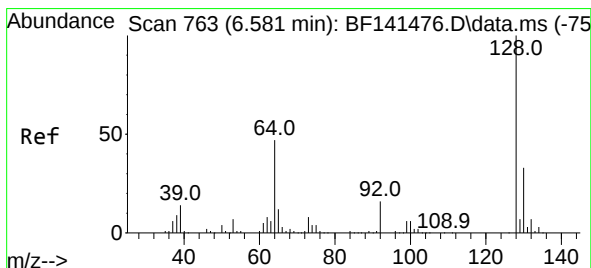
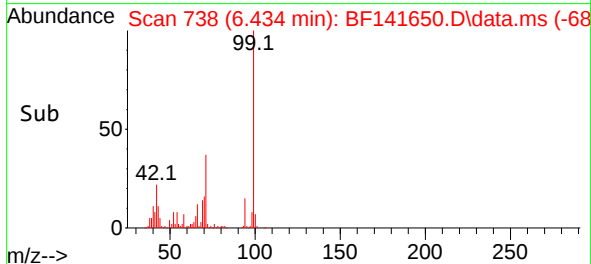
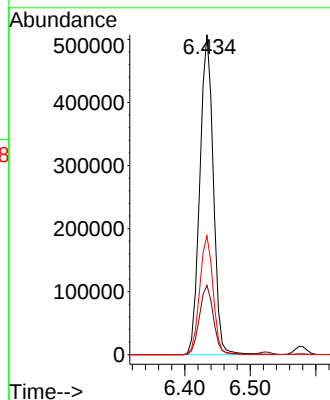
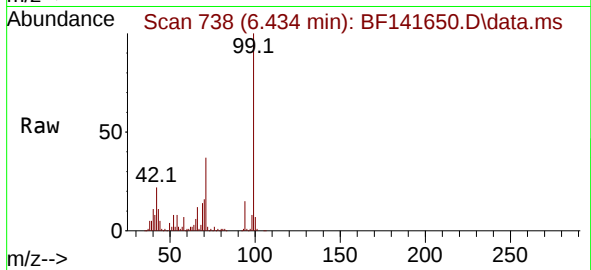
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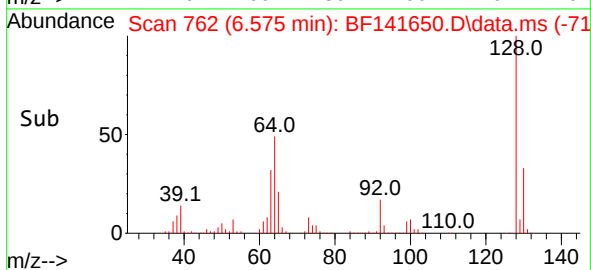
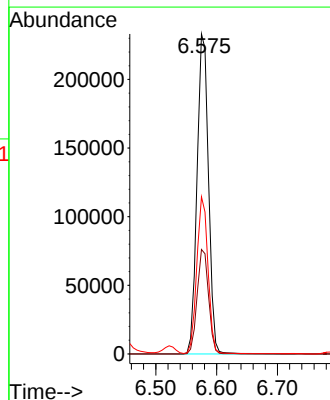
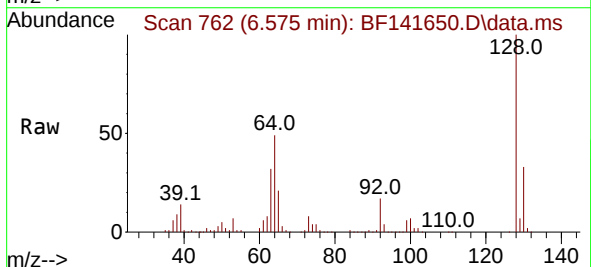
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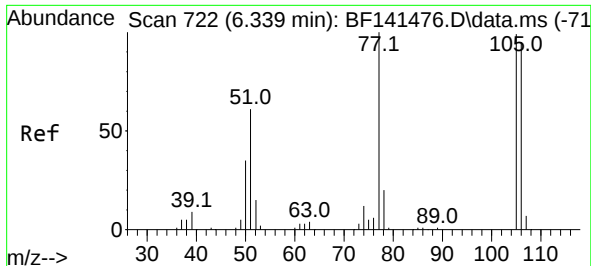
Tgt Ion: 99 Resp: 727831
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 37.1 31.1 46.7



#8
2-Chlorophenol
Concen: 44.317 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion: 128 Resp: 304240
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 49.1 28.3 68.3





#9

Benzaldehyde

Concen: 33.736 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

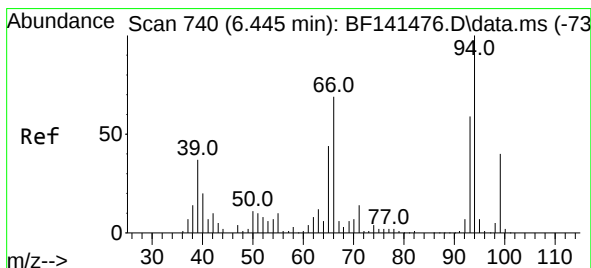
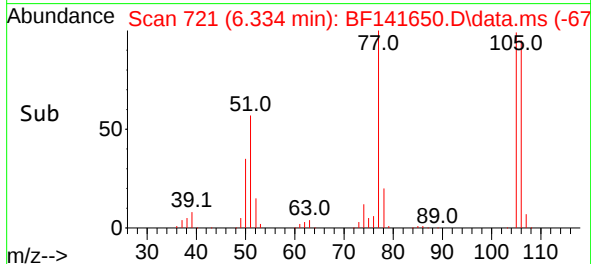
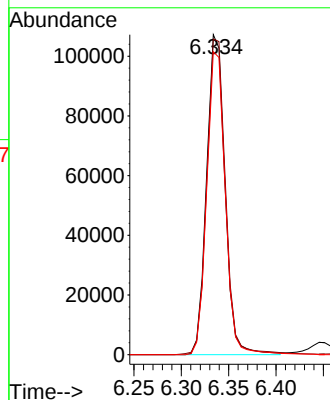
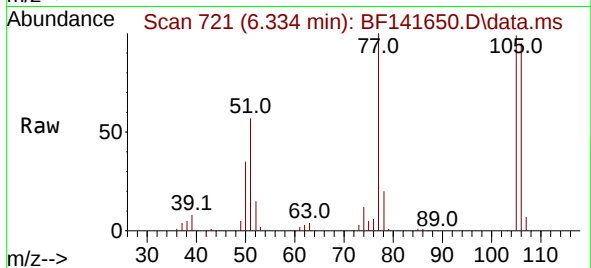
Tgt Ion: 77 Resp: 143959

Ion Ratio Lower Upper

77 100

105 98.7 79.4 119.4

106 94.7 75.1 115.1



#10

Phenol

Concen: 44.358 ng

RT: 6.446 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

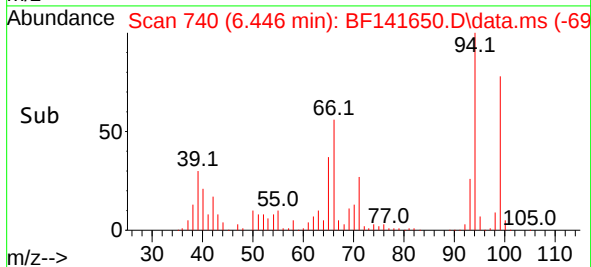
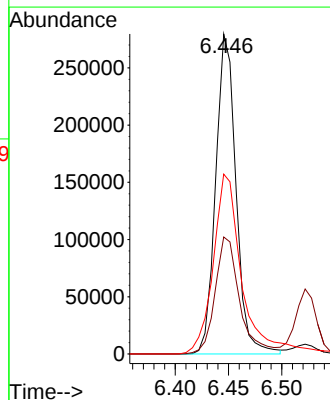
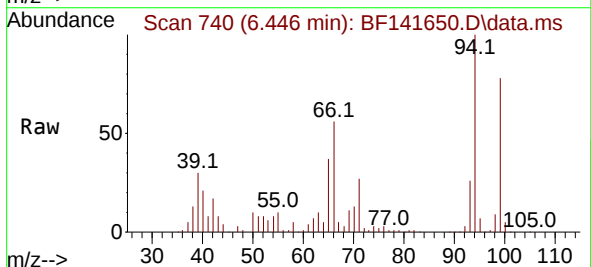
Tgt Ion: 94 Resp: 370740

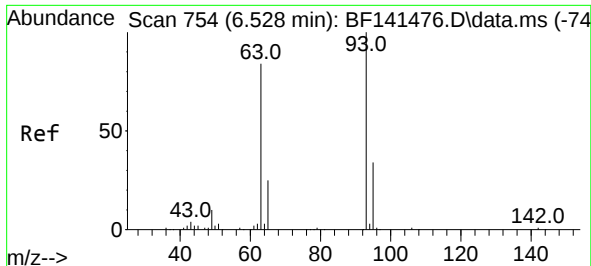
Ion Ratio Lower Upper

94 100

65 36.6 23.7 63.7

66 56.2 49.3 89.3

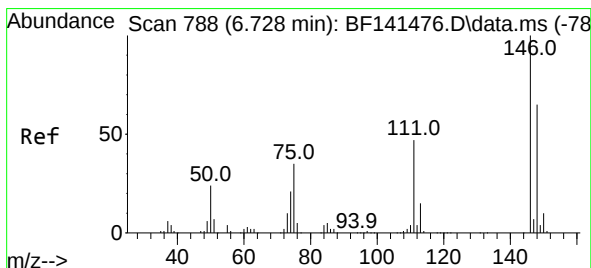
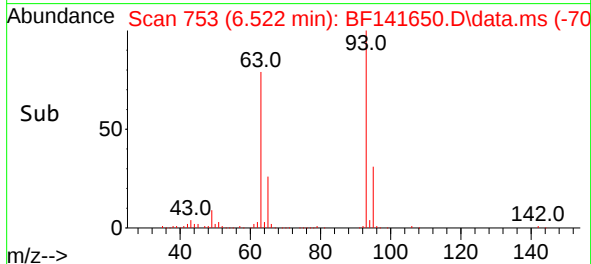
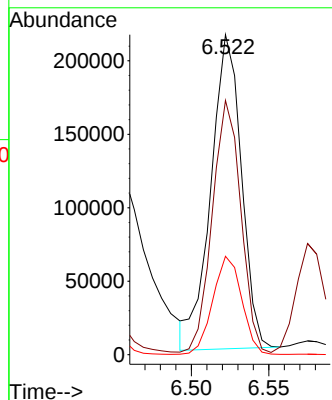
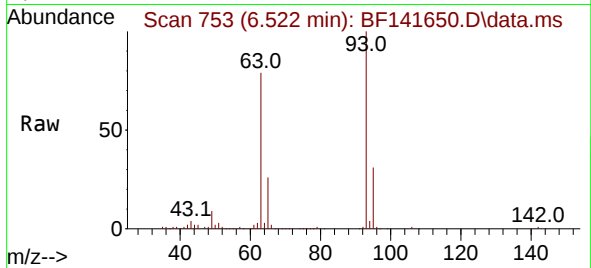




#11
bis(2-Chloroethyl)ether
Concen: 46.613 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

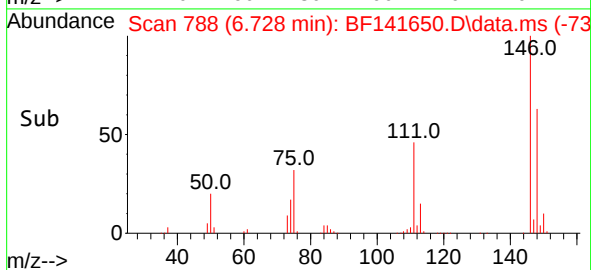
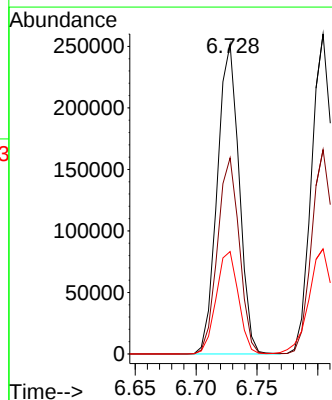
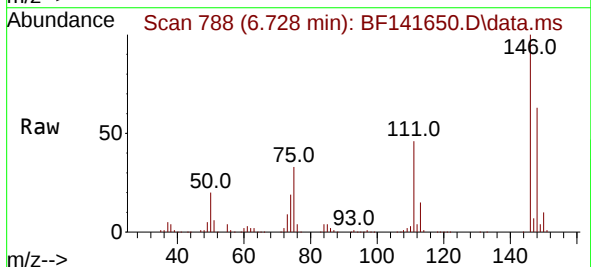
Instrument :
BNA_F
ClientSampleId :
348MS

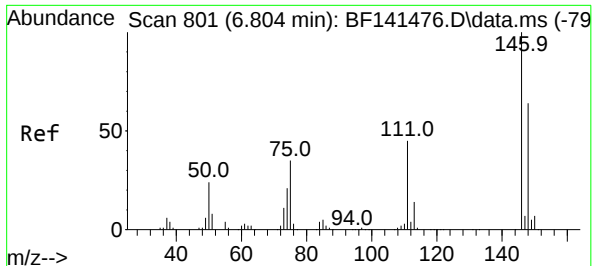
Tgt Ion: 93 Resp: 292622
Ion Ratio Lower Upper
93 100
63 79.5 62.0 102.0
95 30.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.383 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:146 Resp: 314427
Ion Ratio Lower Upper
146 100
148 63.3 51.9 77.9
75 33.0 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 43.140 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

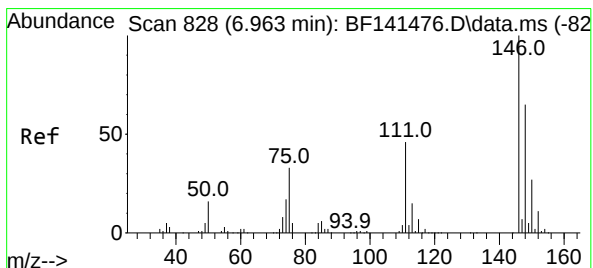
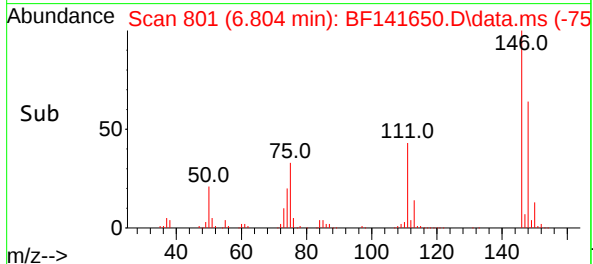
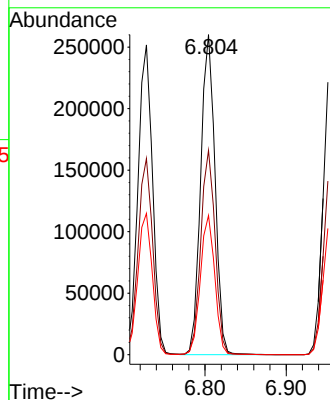
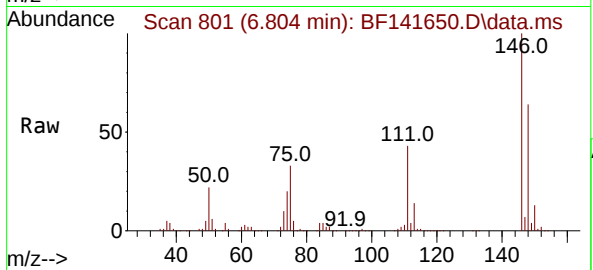
Tgt Ion:146 Resp: 319455

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

111 43.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.283 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

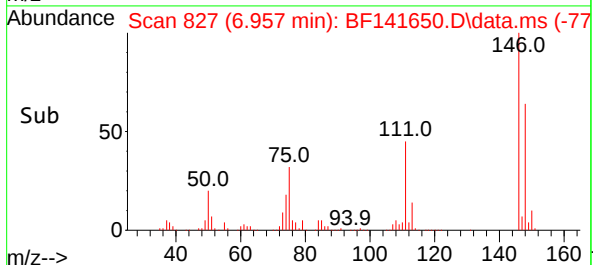
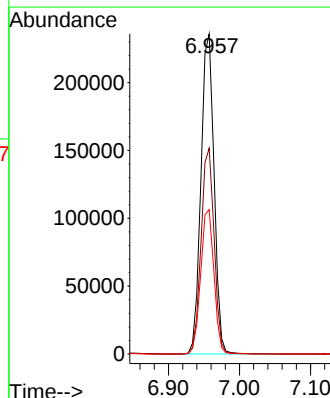
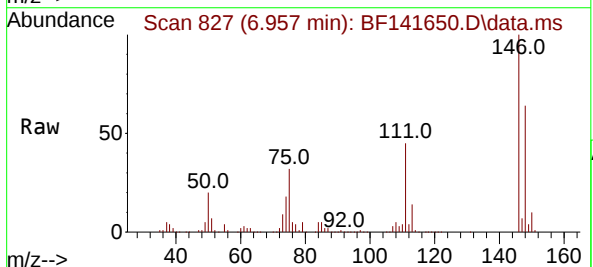
Tgt Ion:146 Resp: 304347

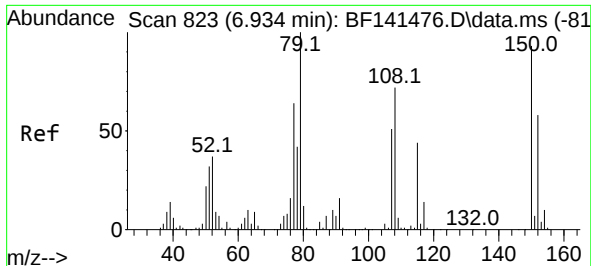
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

111 45.1 37.0 55.4

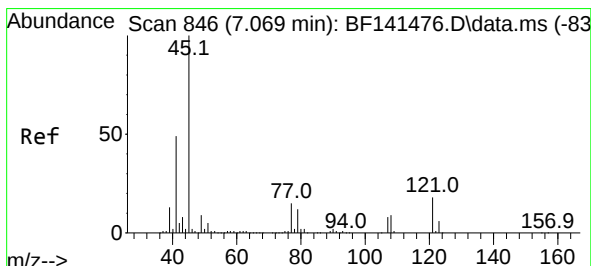
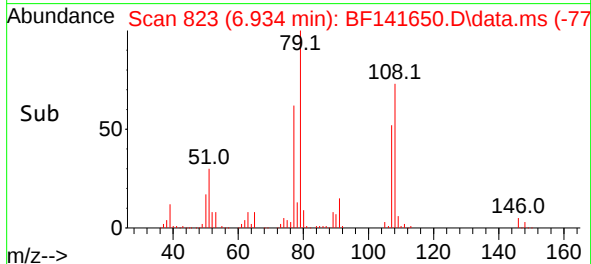
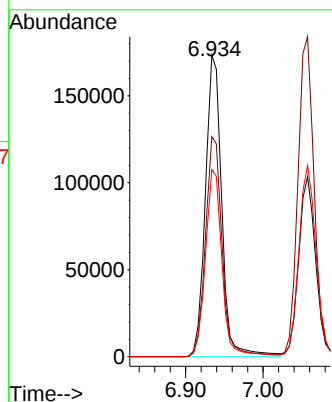
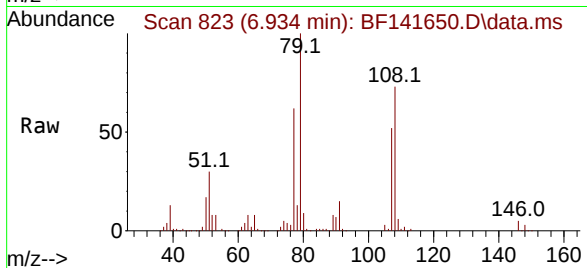




#15
Benzyl Alcohol
Concen: 41.231 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

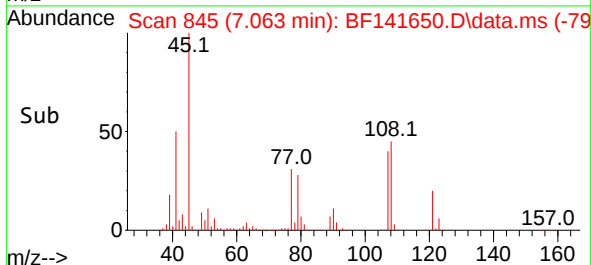
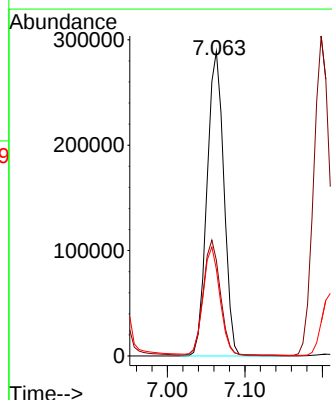
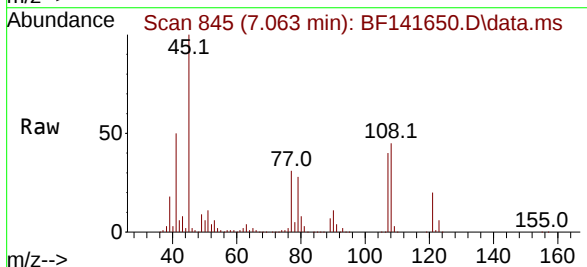
Instrument :
BNA_F
ClientSampleId :
348MS

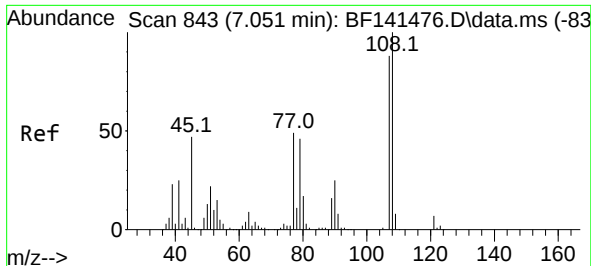
Tgt Ion: 79 Resp: 253896
Ion Ratio Lower Upper
79 100
108 73.0 57.4 86.2
77 62.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.472 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion: 45 Resp: 434922
Ion Ratio Lower Upper
45 100
77 31.4 0.0 35.8
79 28.5 0.0 32.7

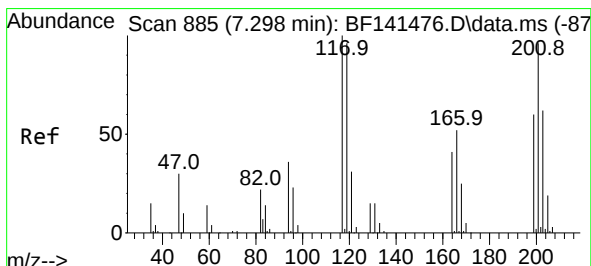
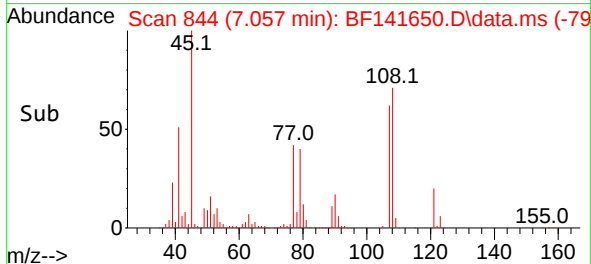
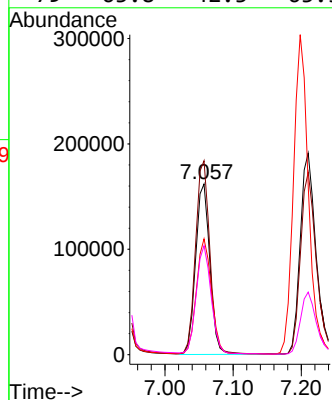
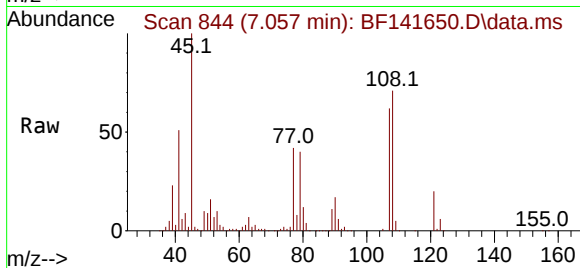




#17
2-Methylphenol
Concen: 43.616 ng
RT: 7.057 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

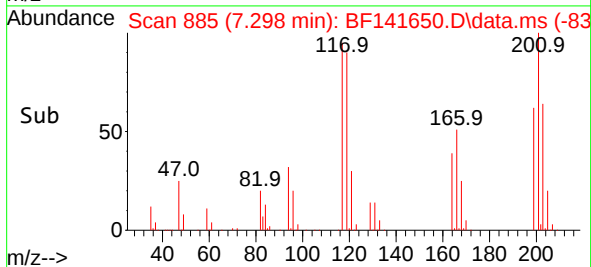
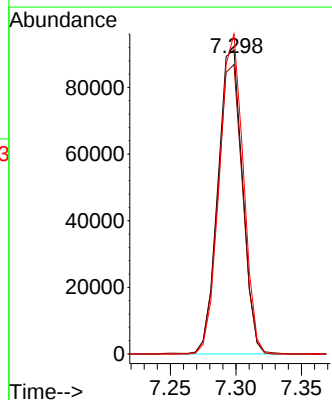
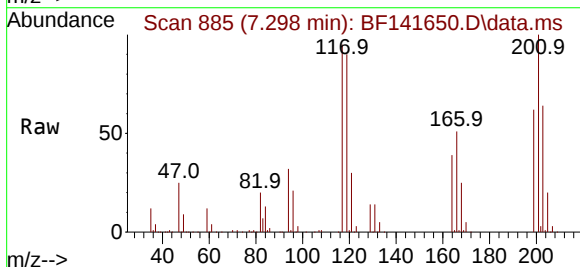
Instrument :
BNA_F
ClientSampleId :
348MS

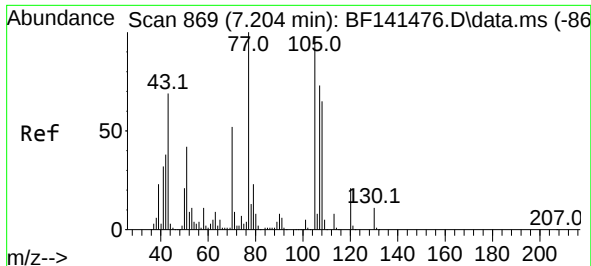
Tgt Ion:107 Resp: 234319
Ion Ratio Lower Upper
107 100
108 113.6 90.6 136.0
77 67.9 44.4 66.6#
79 63.8 42.3 63.5#



#18
Hexachloroethane
Concen: 43.432 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:117 Resp: 119024
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
201 105.2 76.7 115.1



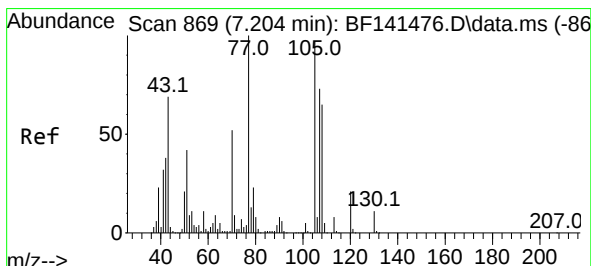
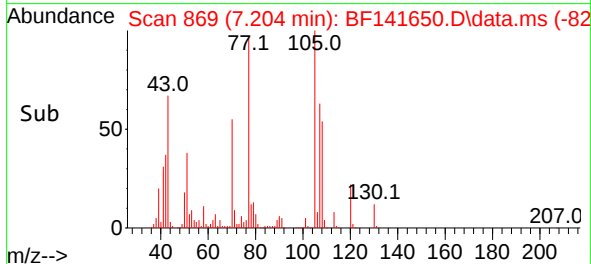
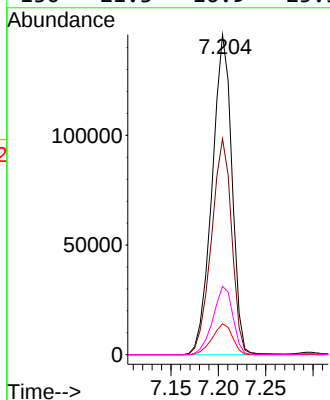
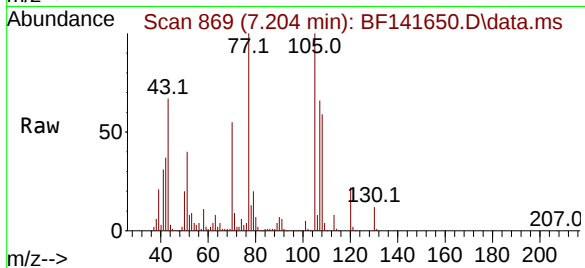


#19
n-Nitroso-di-n-propylamine
Concen: 44.282 ng
RT: 7.204 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Instrument :
BNA_F
ClientSampleId :
348MS

Tgt Ion: 70 Resp: 212701

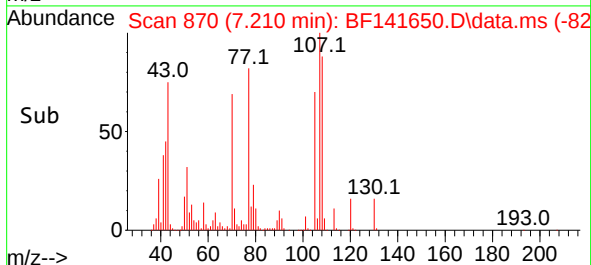
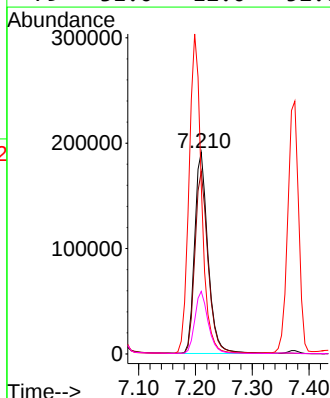
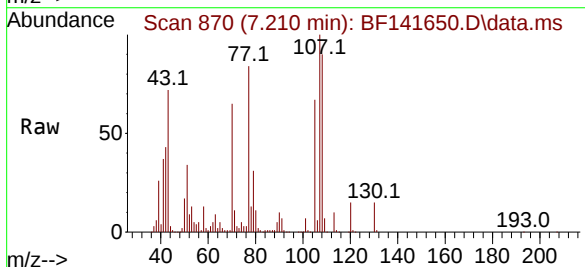
Ion	Ratio	Lower	Upper
70	100		
42	67.4	57.4	86.2
101	9.7	8.0	12.0
130	21.3	16.9	25.3

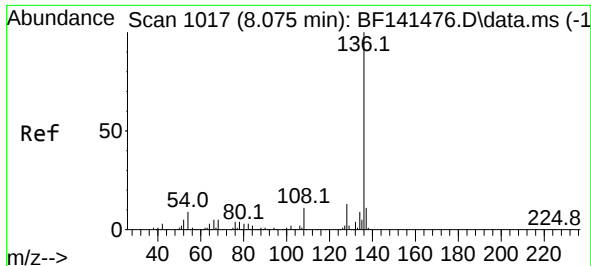


#20
3+4-Methylphenols
Concen: 45.638 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion: 107 Resp: 311590

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.5	108.5
77	84.0	116.5	156.5#
79	31.0	12.0	52.0



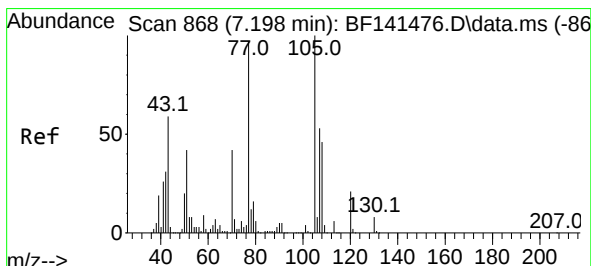
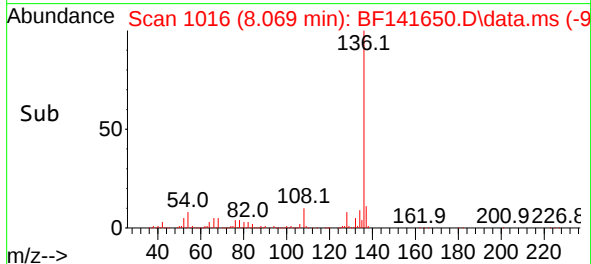
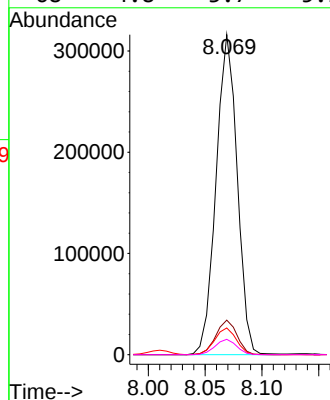
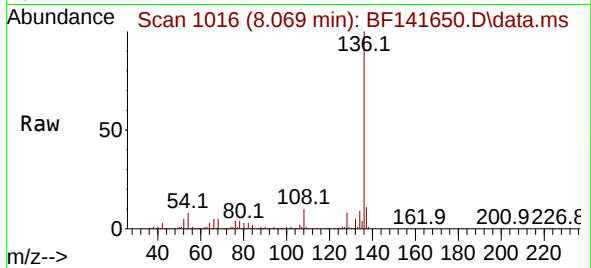


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Instrument :
BNA_F
ClientSampleId :
348MS

Tgt Ion:136 Resp: 409071

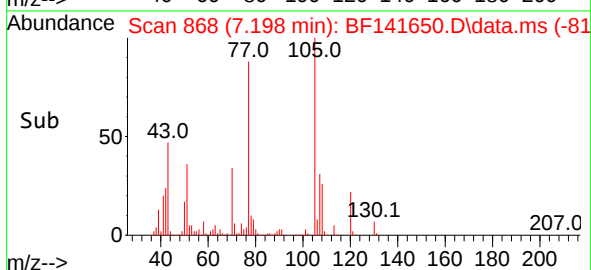
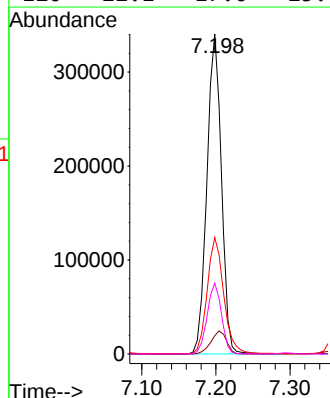
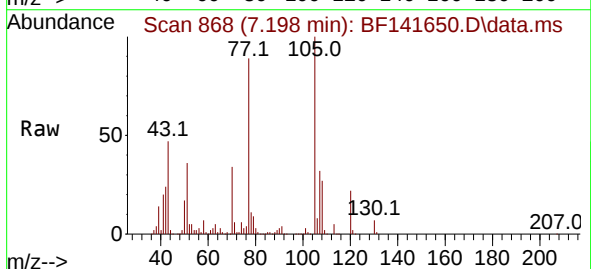
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.2	10.8
68	4.8	3.7	5.5

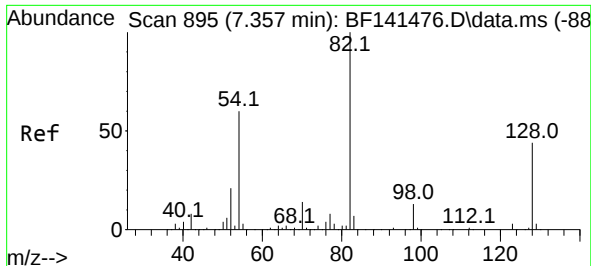


#22
Acetophenone
Concen: 45.493 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:105 Resp: 462928

Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.7	8.5
51	36.4	33.7	50.5
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 60.474 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

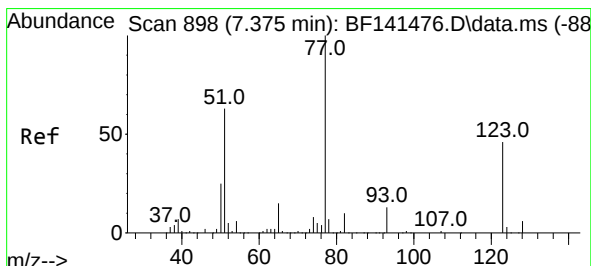
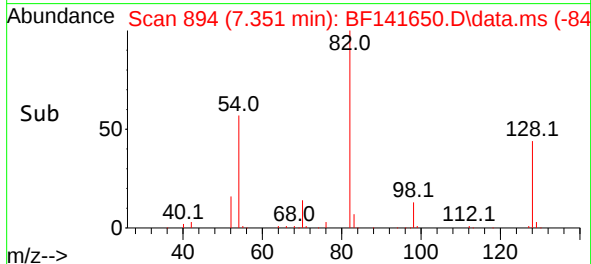
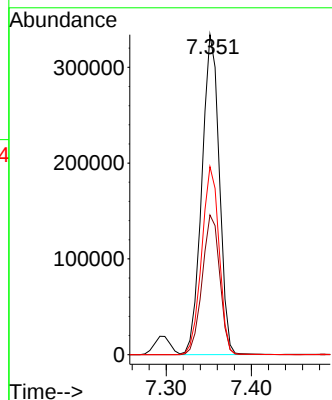
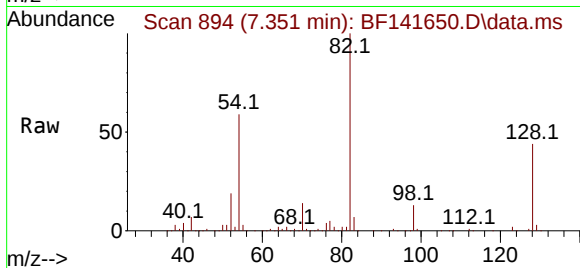
Tgt Ion: 82 Resp: 474289

Ion Ratio Lower Upper

82 100

128 43.7 34.8 52.2

54 58.7 48.2 72.4



#24

Nitrobenzene

Concen: 41.892 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

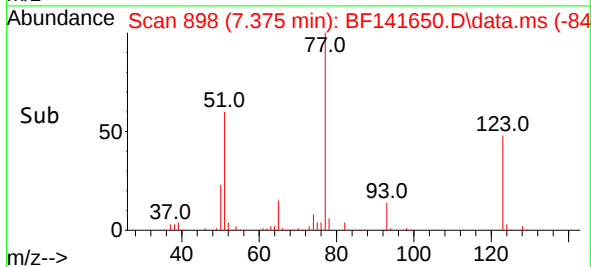
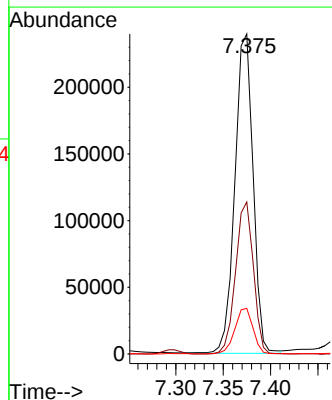
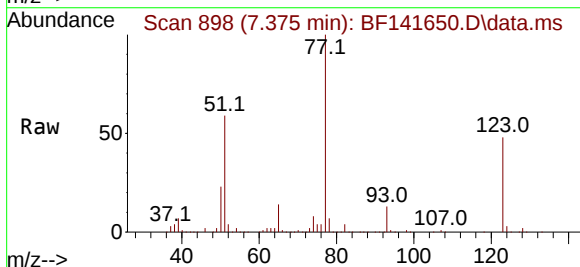
Tgt Ion: 77 Resp: 320381

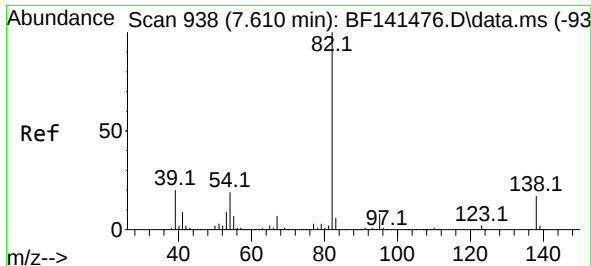
Ion Ratio Lower Upper

77 100

123 47.5 36.9 55.3

65 14.2 11.9 17.9

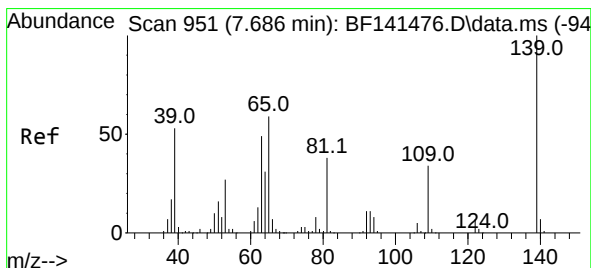
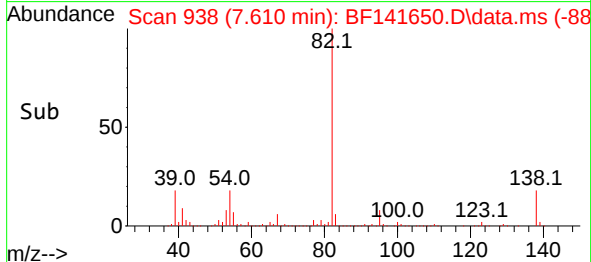
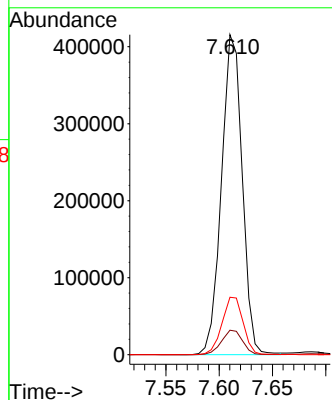
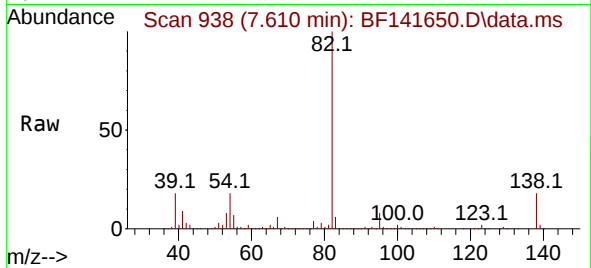




#25
Isophorone
Concen: 44.978 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

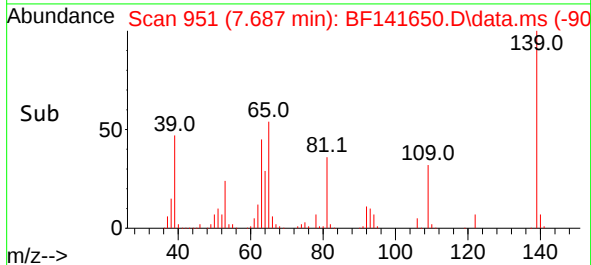
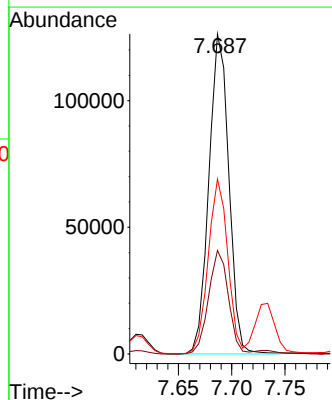
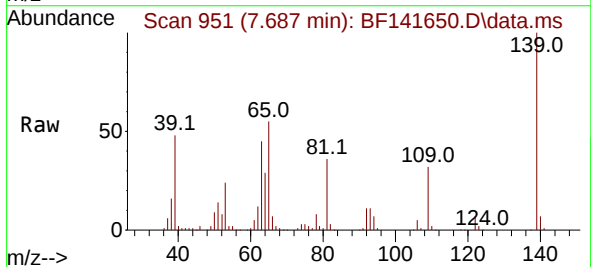
Instrument :
BNA_F
ClientSampleId :
348MS

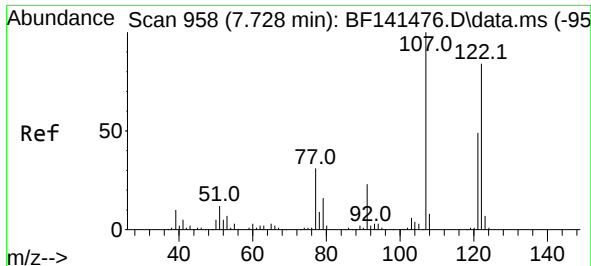
Tgt Ion: 82 Resp: 562460
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.0 13.9 20.9



#26
2-Nitrophenol
Concen: 43.240 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:139 Resp: 164524
Ion Ratio Lower Upper
139 100
109 32.4 27.0 40.6
65 54.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 54.631 ng

RT: 7.734 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

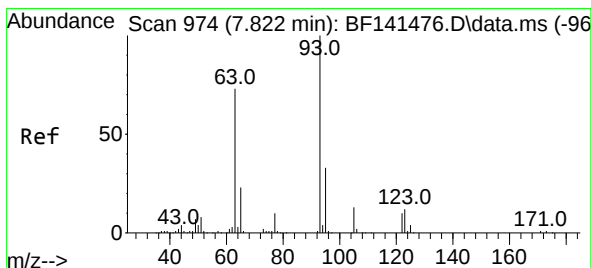
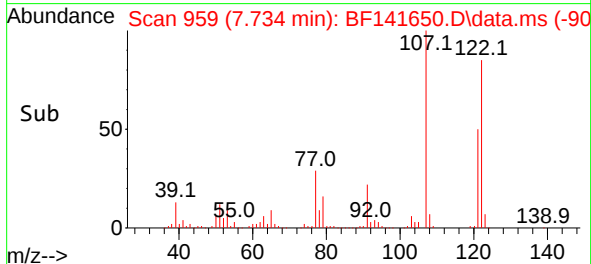
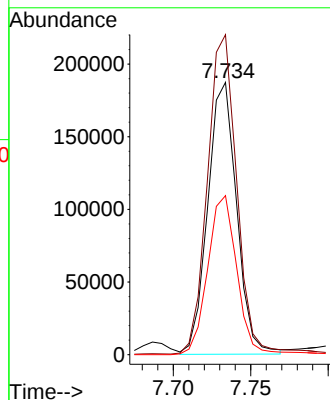
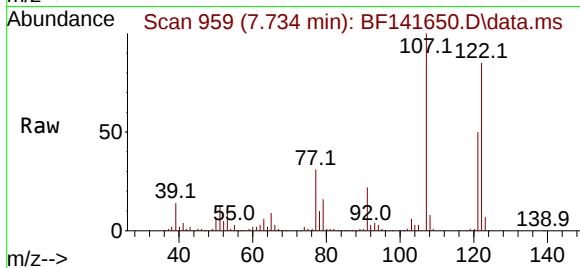
Tgt Ion:122 Resp: 242835

Ion Ratio Lower Upper

122 100

107 117.5 94.3 141.5

121 58.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.705 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

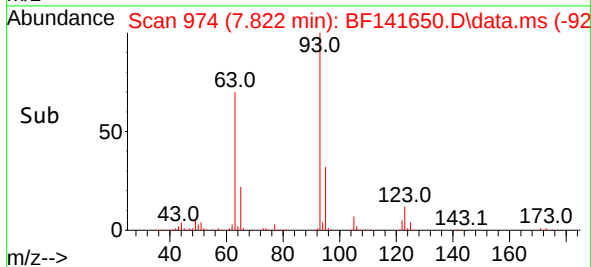
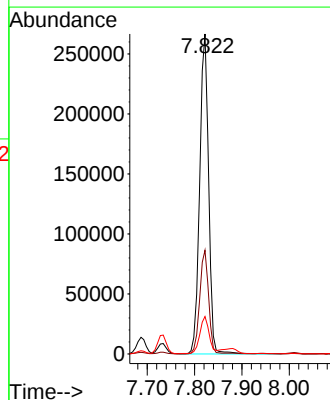
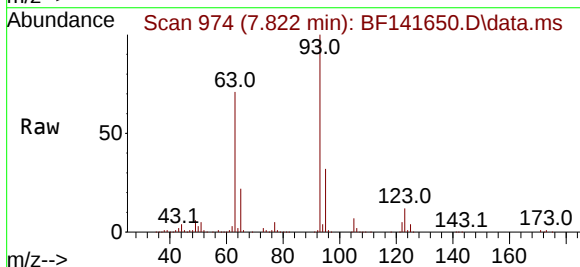
Tgt Ion: 93 Resp: 350213

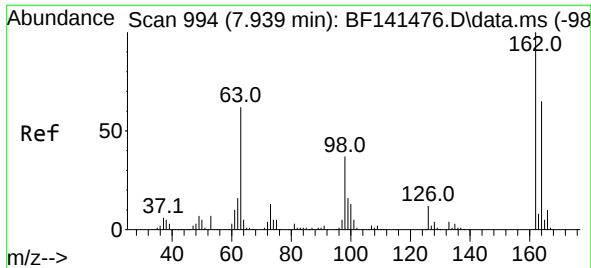
Ion Ratio Lower Upper

93 100

95 32.4 26.1 39.1

123 11.7 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.905 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

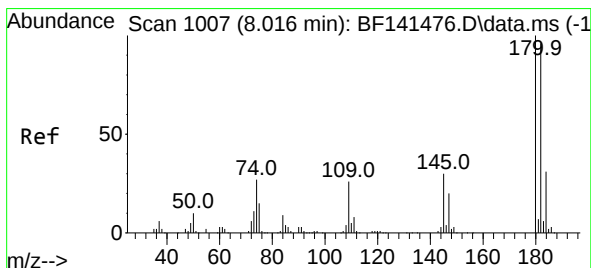
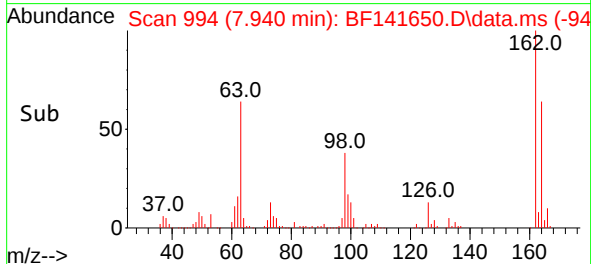
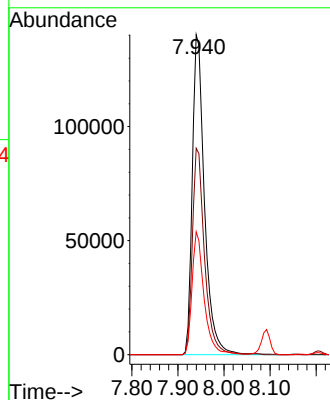
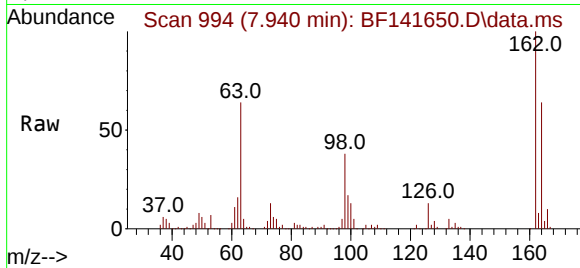
Tgt Ion:162 Resp: 257677

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

98 38.4 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 41.368 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

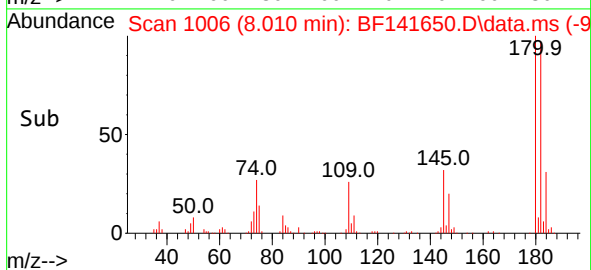
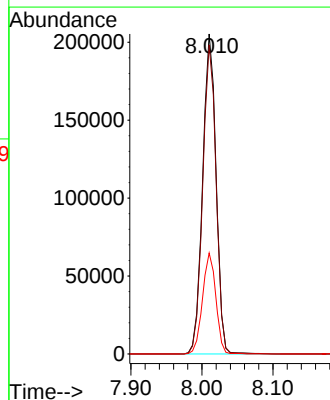
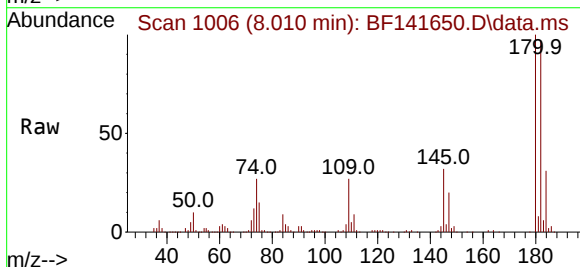
Tgt Ion:180 Resp: 270549

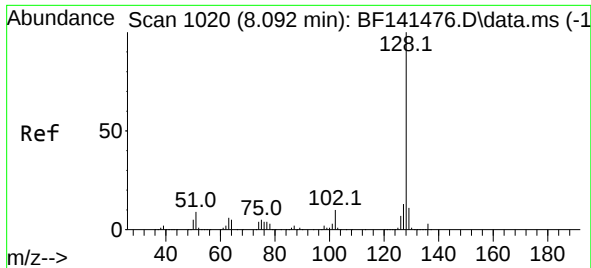
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 31.6 24.2 36.4

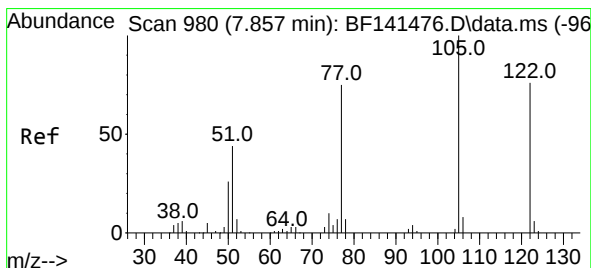
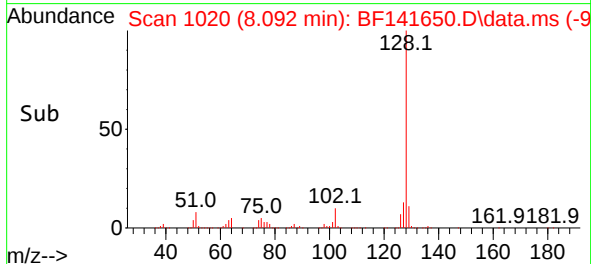
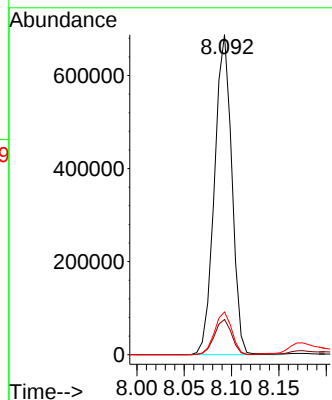
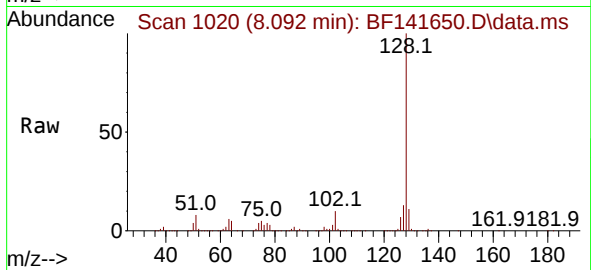




#31
Naphthalene
Concen: 41.152 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

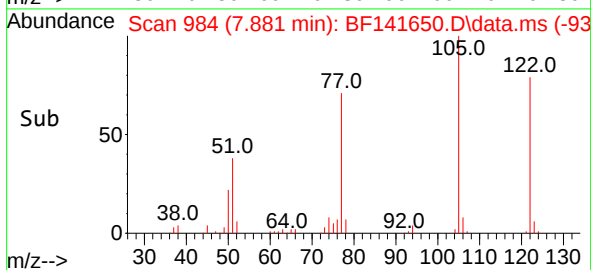
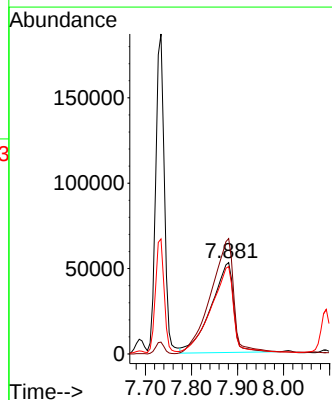
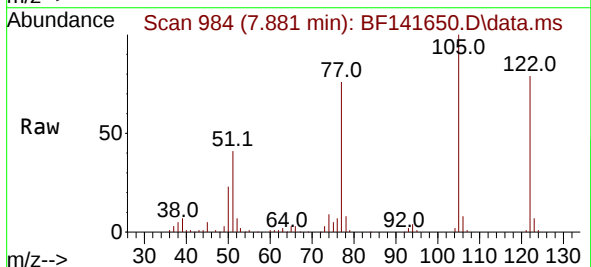
Instrument :
BNA_F
ClientSampleId :
348MS

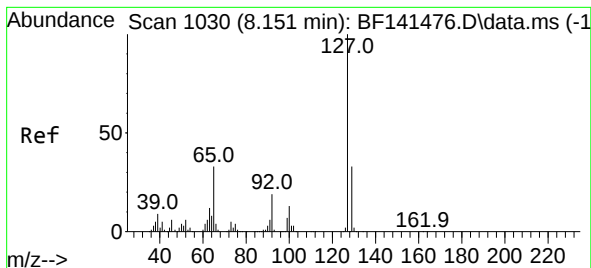
Tgt Ion:128 Resp: 876275
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 39.001 ng
RT: 7.881 min Scan# 984
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:122 Resp: 180067
Ion Ratio Lower Upper
122 100
105 126.3 106.5 146.5
77 95.7 76.3 116.3





#33

4-Chloroaniline

Concen: 12.250 ng

RT: 8.175 min Scan# 1030

Delta R.T. 0.018 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

Tgt Ion:127 Resp: 91071

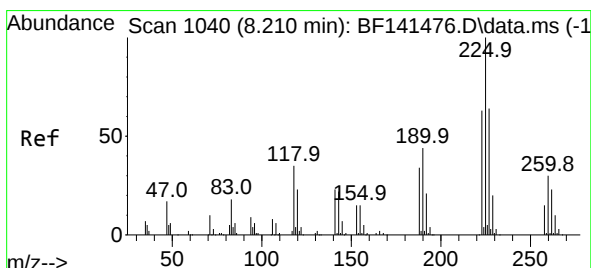
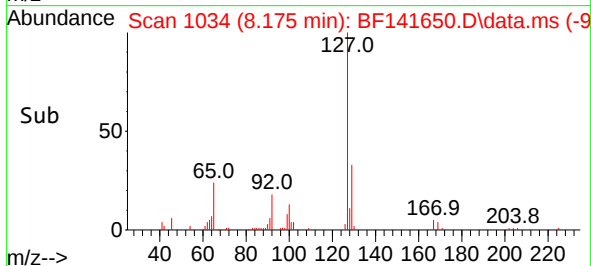
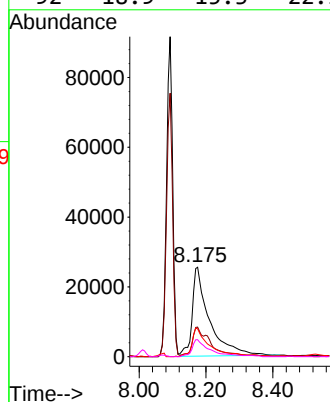
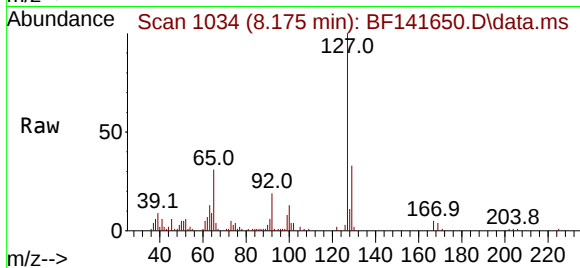
Ion Ratio Lower Upper

127 100

129 33.0 26.5 39.7

65 31.2 26.4 39.6

92 18.9 15.3 22.9



#34

Hexachlorobutadiene

Concen: 43.164 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

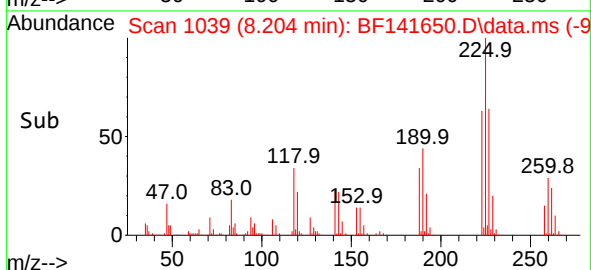
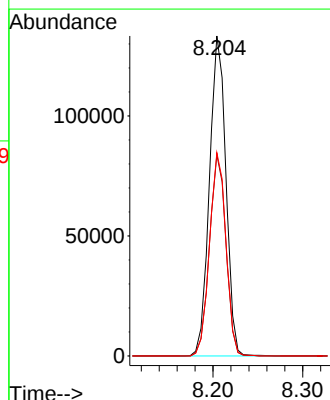
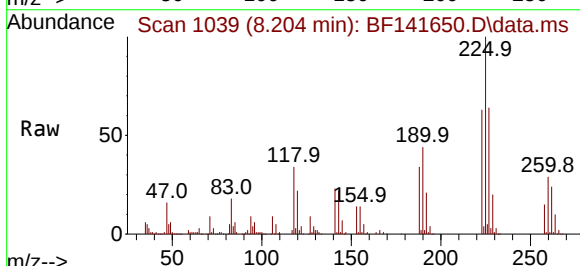
Tgt Ion:225 Resp: 169473

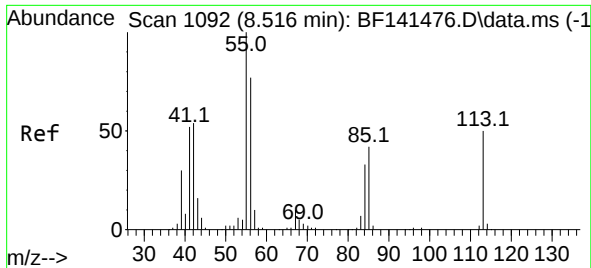
Ion Ratio Lower Upper

225 100

223 62.9 50.1 75.1

227 63.6 51.0 76.6

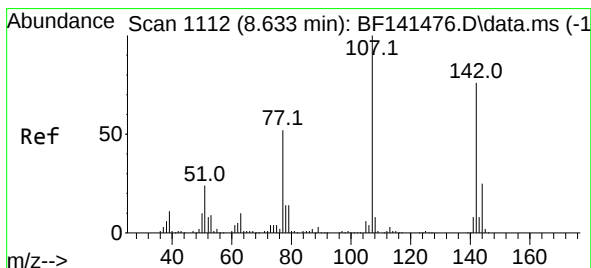
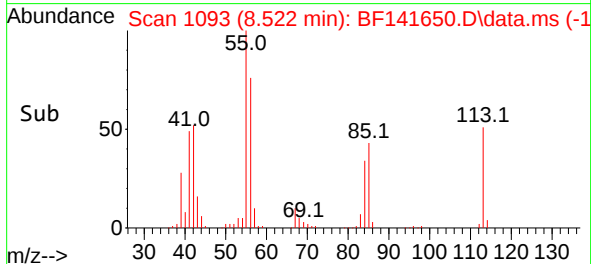
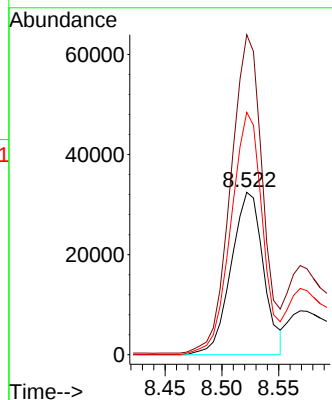
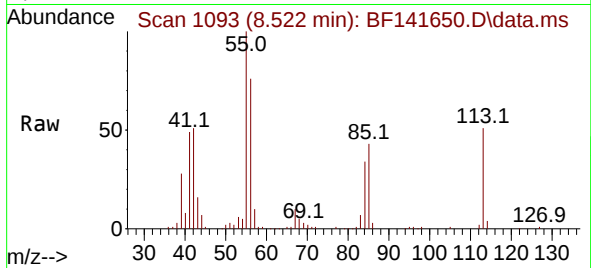




#35
Caprolactam
Concen: 35.170 ng
RT: 8.522 min Scan# 1109
Delta R.T. -0.023 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

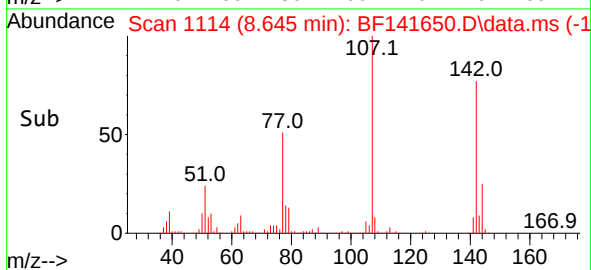
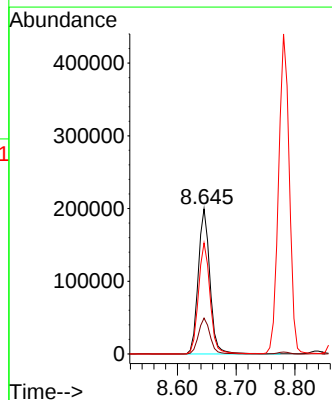
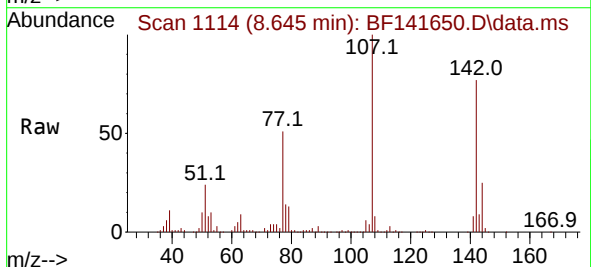
Instrument :
BNA_F
ClientSampleId :
348MS

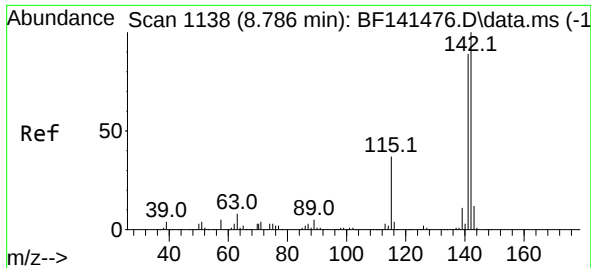
Tgt Ion:113 Resp: 64311
Ion Ratio Lower Upper
113 100
55 197.0 180.8 220.8
56 149.3 133.6 173.6



#36
4-Chloro-3-methylphenol
Concen: 41.463 ng
RT: 8.645 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:107 Resp: 275841
Ion Ratio Lower Upper
107 100
144 24.7 19.7 29.5
142 76.5 60.8 91.2

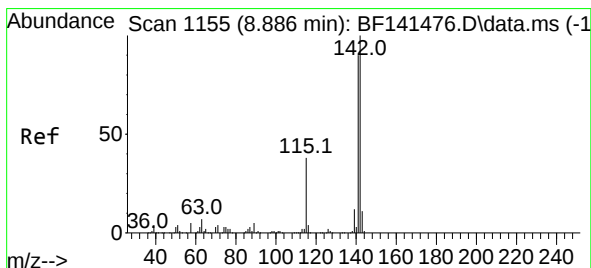
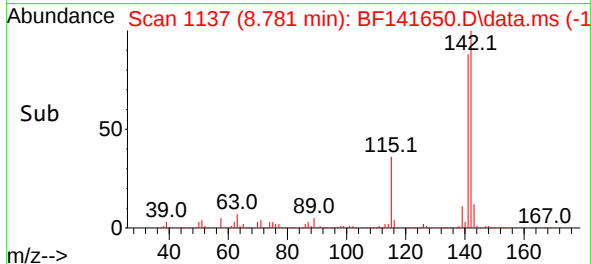
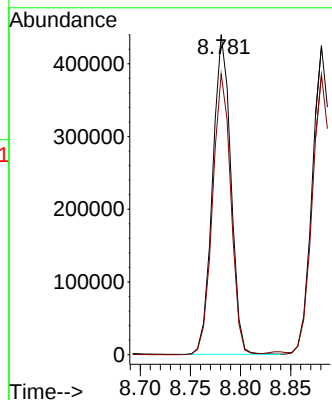
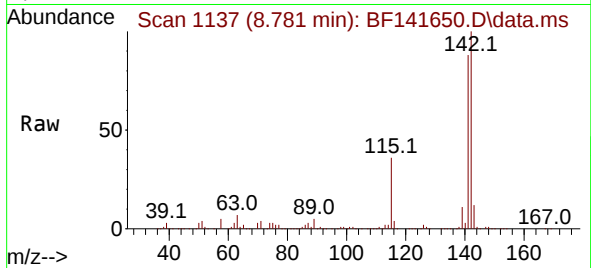




#37
2-Methylnaphthalene
Concen: 40.176 ng
RT: 8.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

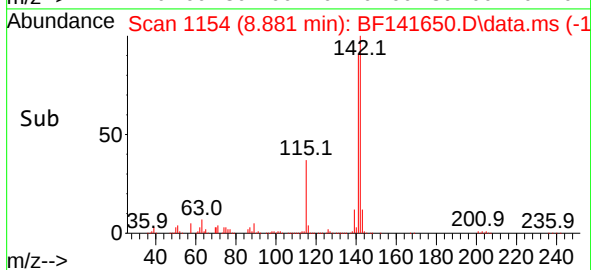
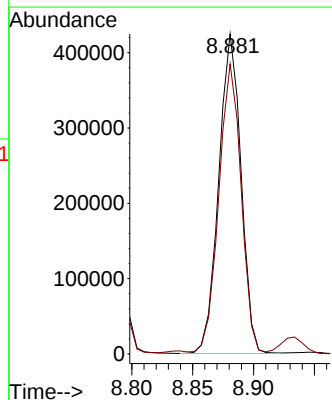
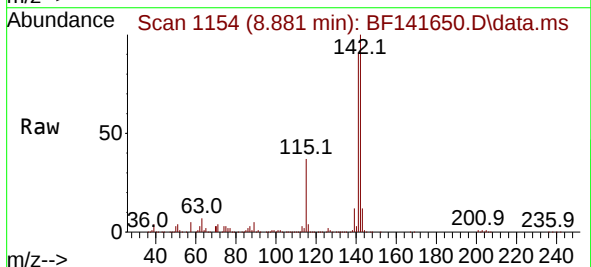
Instrument :
BNA_F
ClientSampleId :
348MS

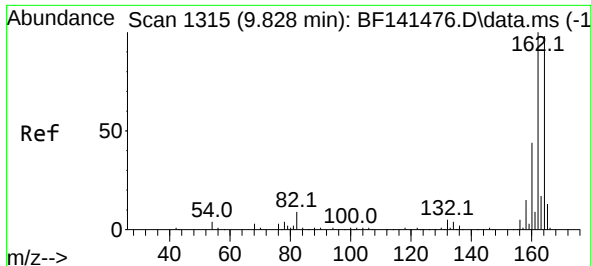
Tgt Ion:142 Resp: 556697
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 40.206 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:142 Resp: 539579
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

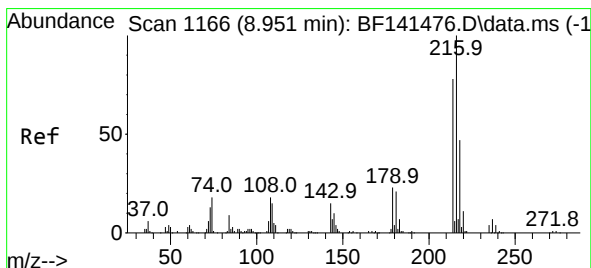
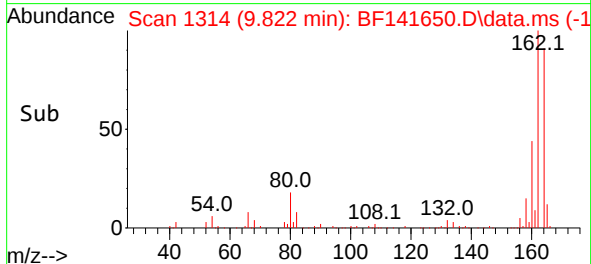
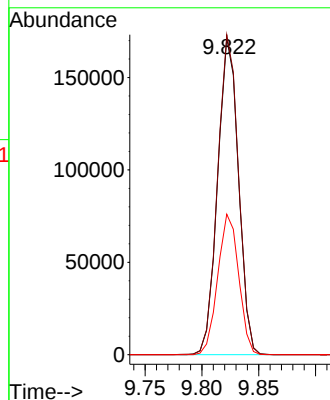
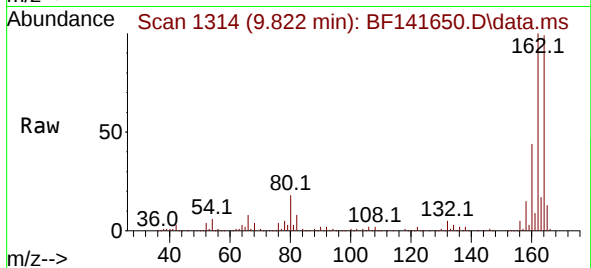
Tgt Ion:164 Resp: 218581

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 44.4 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.650 ng

RT: 8.951 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Tgt Ion:216 Resp: 301328

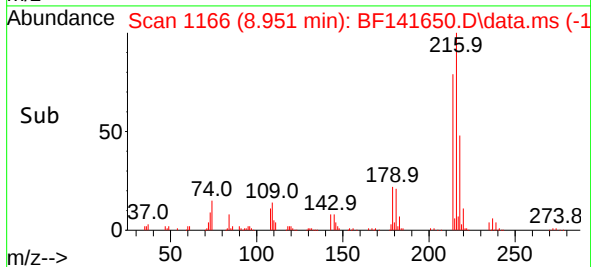
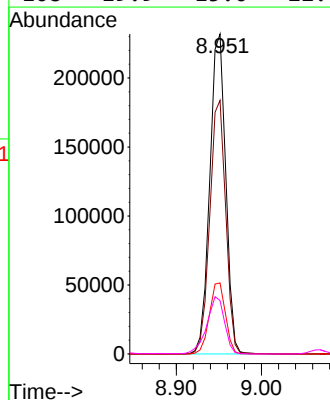
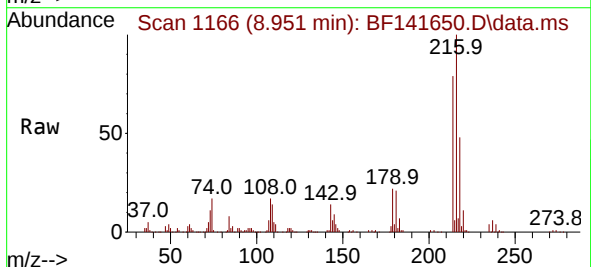
Ion Ratio Lower Upper

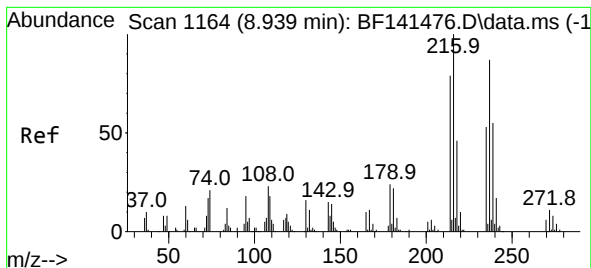
216 100

214 79.2 62.3 93.5

179 22.4 18.0 27.0

108 19.9 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 112.659 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

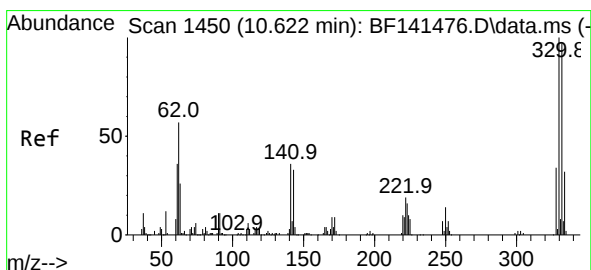
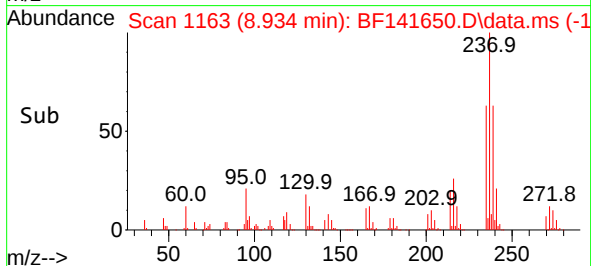
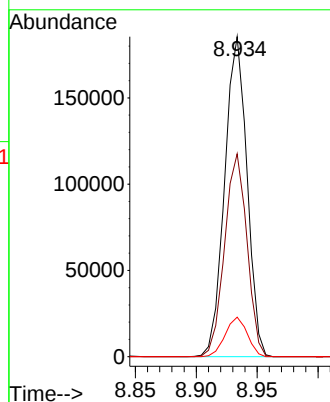
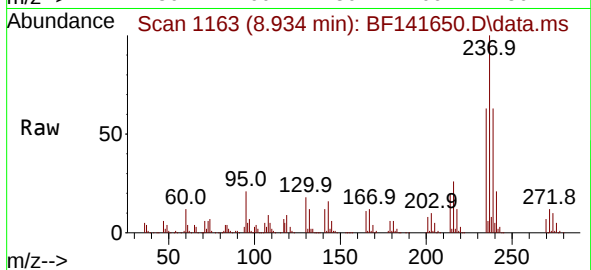
Tgt Ion:237 Resp: 236962

Ion Ratio Lower Upper

237 100

235 63.4 41.4 81.4

272 12.3 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 86.086 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

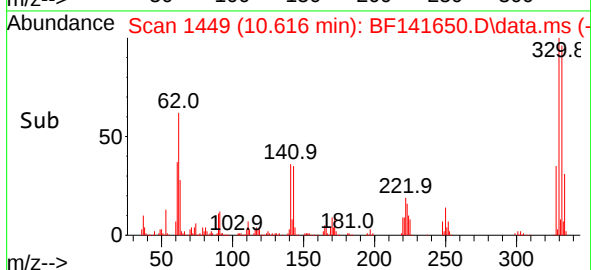
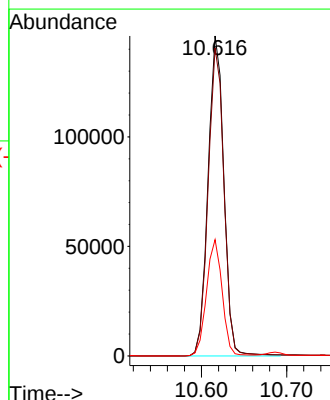
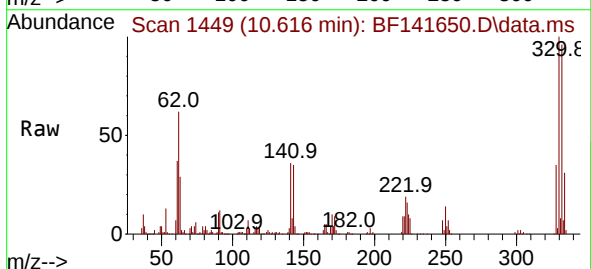
Tgt Ion:330 Resp: 189022

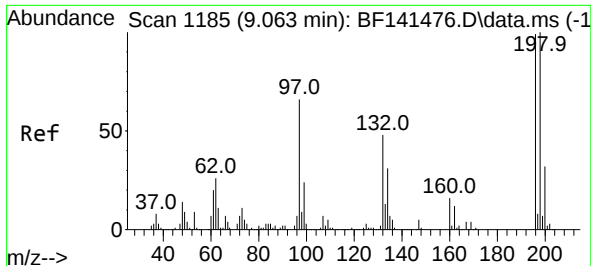
Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

141 36.0 31.0 46.4

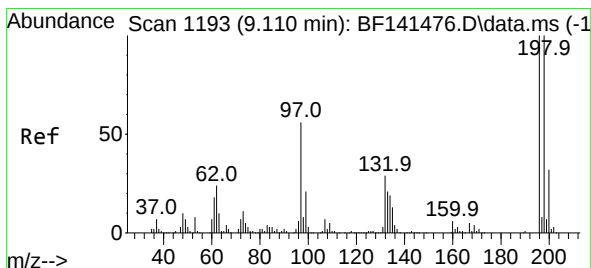
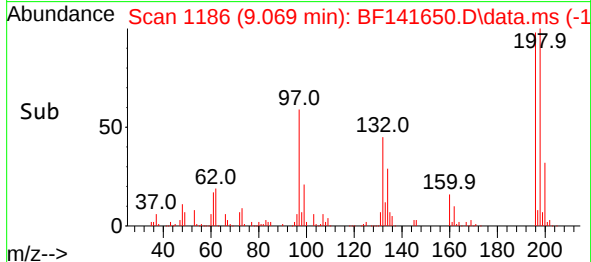
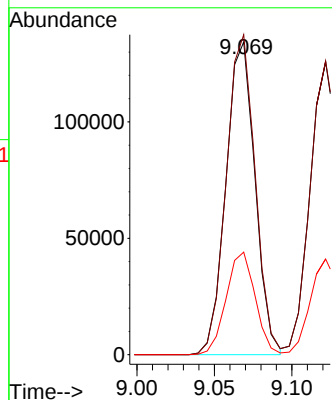
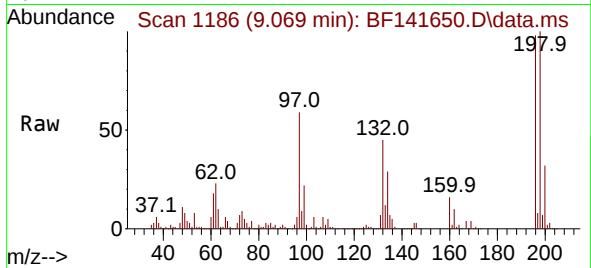




#43
2,4,6-Trichlorophenol
Concen: 42.939 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

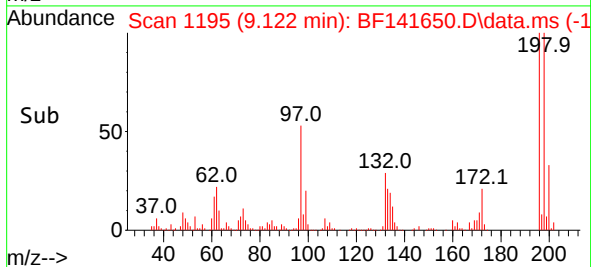
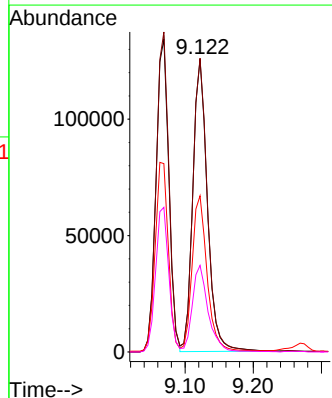
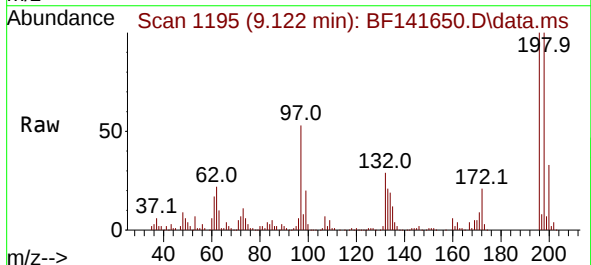
Instrument :
BNA_F
ClientSampleId :
348MS

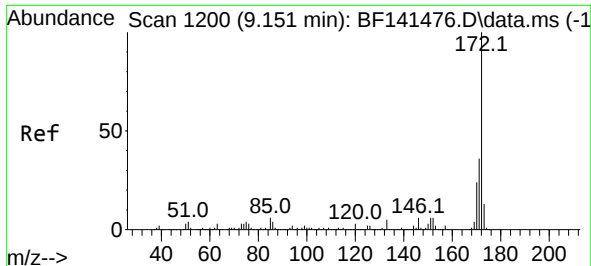
Tgt Ion:196 Resp: 175501
Ion Ratio Lower Upper
196 100
198 102.3 80.6 121.0
200 32.8 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 41.870 ng
RT: 9.122 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:196 Resp: 185465
Ion Ratio Lower Upper
196 100
198 100.4 79.8 119.8
97 53.4 44.8 67.2
132 29.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 58.474 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

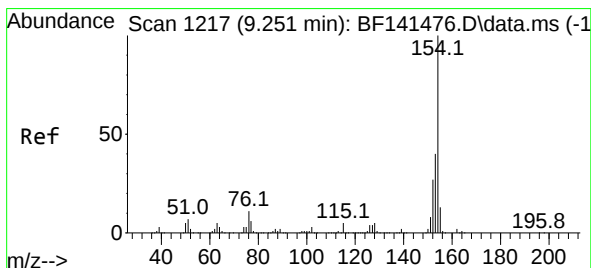
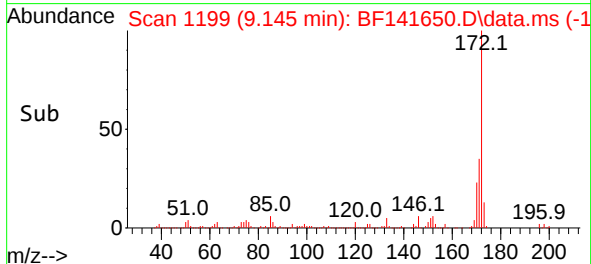
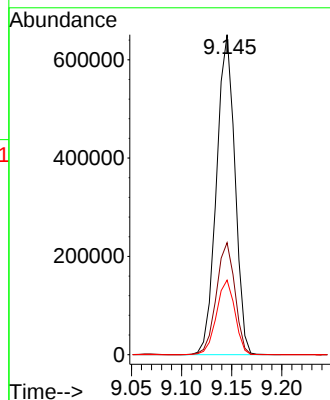
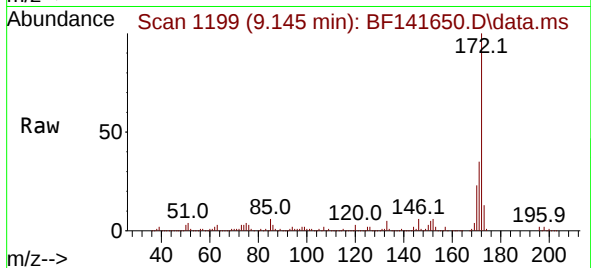
Tgt Ion:172 Resp: 829611

Ion Ratio Lower Upper

172 100

171 35.0 28.7 43.1

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.920 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

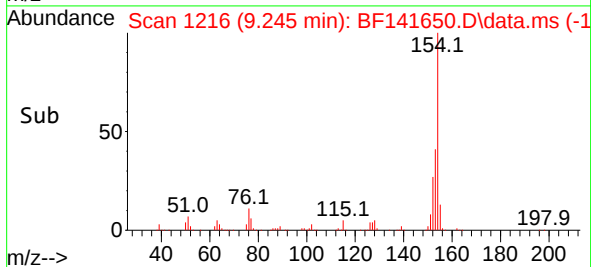
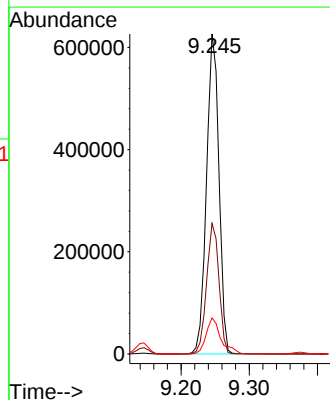
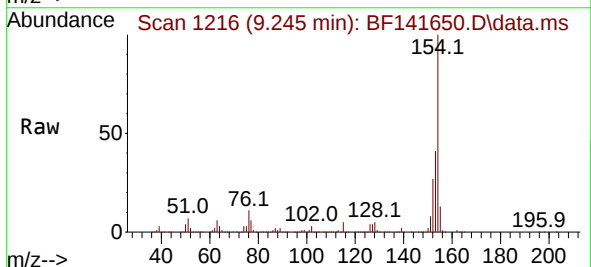
Tgt Ion:154 Resp: 795122

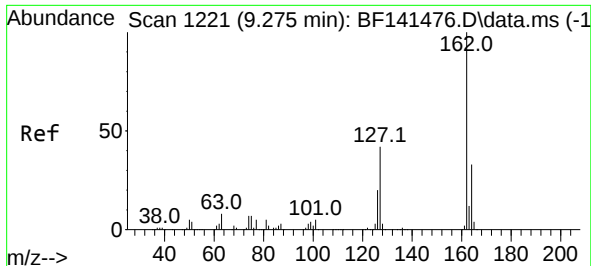
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.3 0.0 30.8

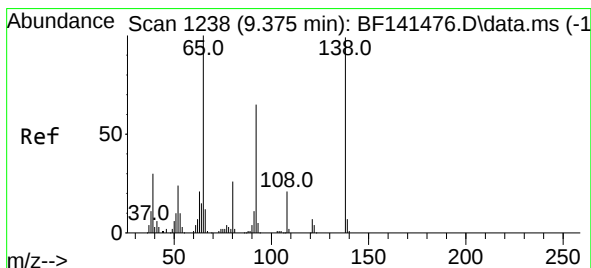
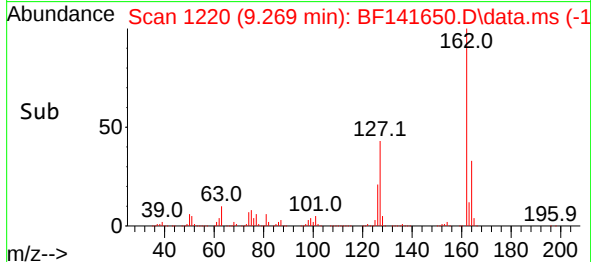
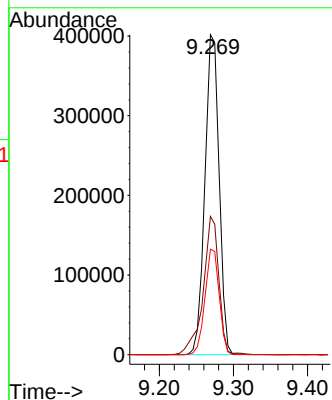
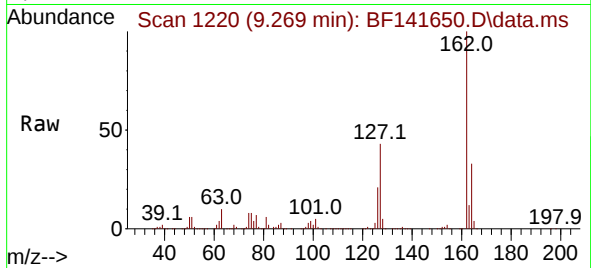




#47
2-Chloronaphthalene
Concen: 42.884 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

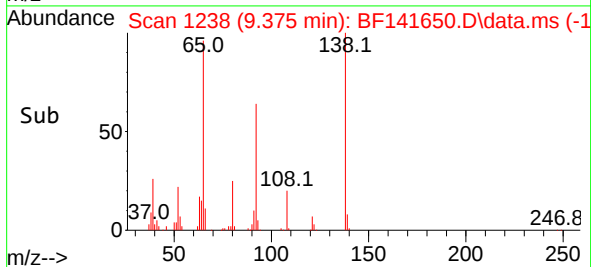
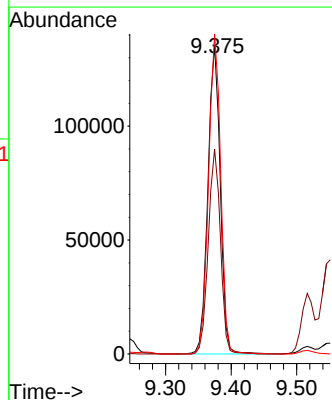
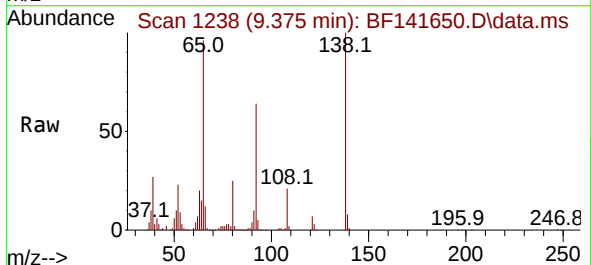
Instrument :
BNA_F
ClientSampleId :
348MS

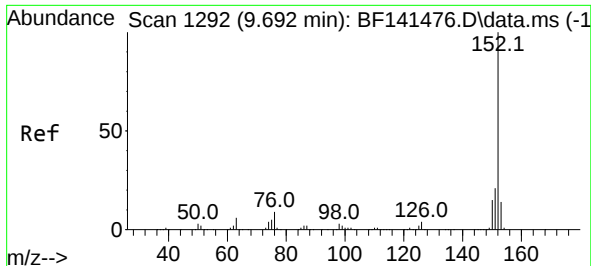
Tgt Ion:162 Resp: 537388
Ion Ratio Lower Upper
162 100
127 43.2 34.1 51.1
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 42.280 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion: 65 Resp: 177806
Ion Ratio Lower Upper
65 100
92 66.5 52.2 78.2
138 103.8 79.5 119.3





#49

Acenaphthylene

Concen: 43.861 ng

RT: 9.687 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

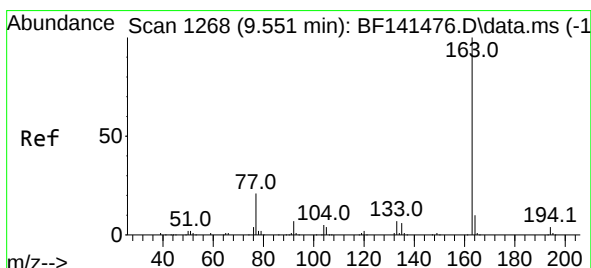
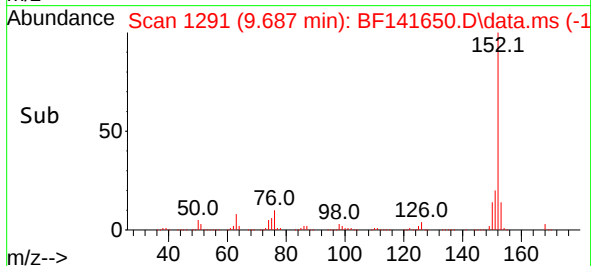
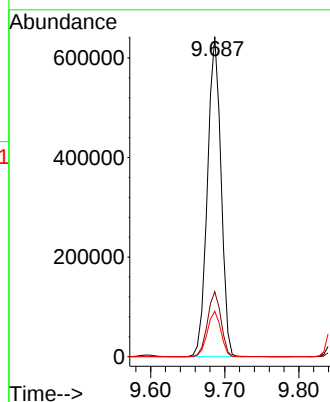
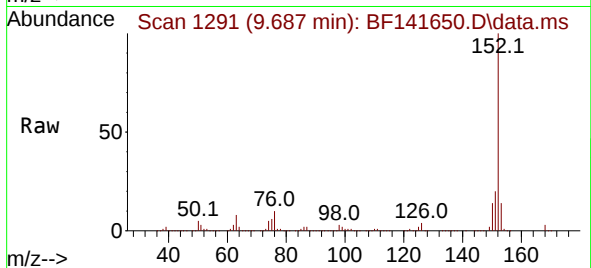
Tgt Ion:152 Resp: 817515

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 14.2 10.9 16.3



#50

Dimethylphthalate

Concen: 43.567 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

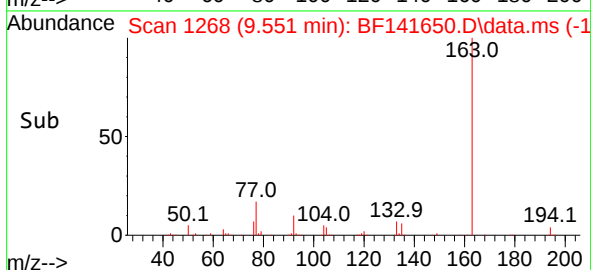
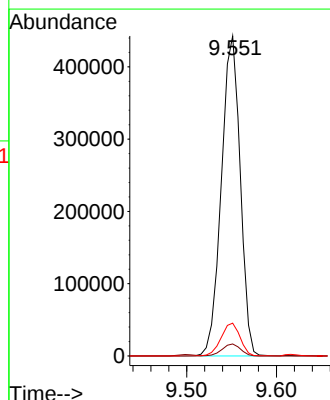
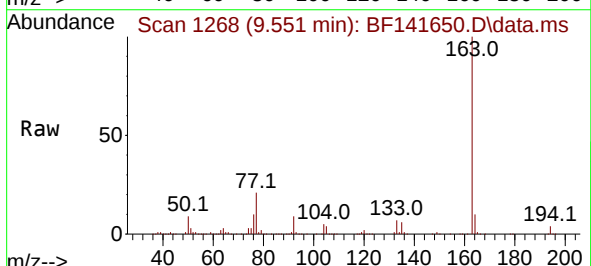
Tgt Ion:163 Resp: 646487

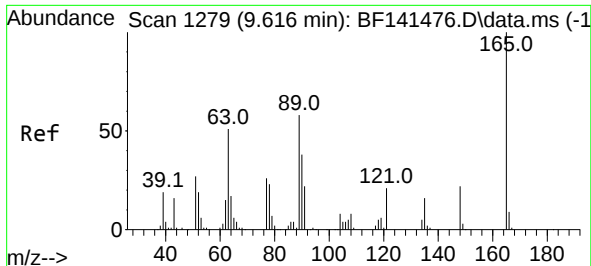
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 43.345 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

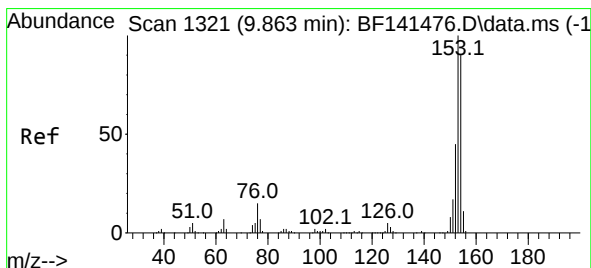
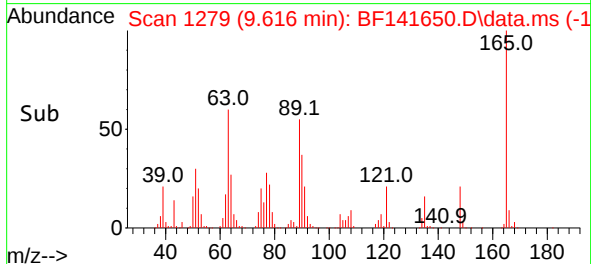
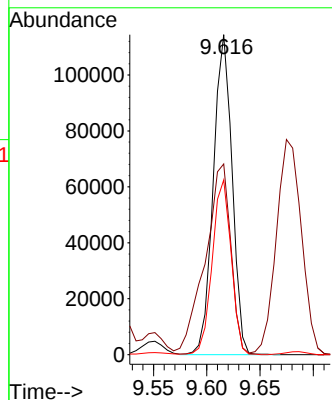
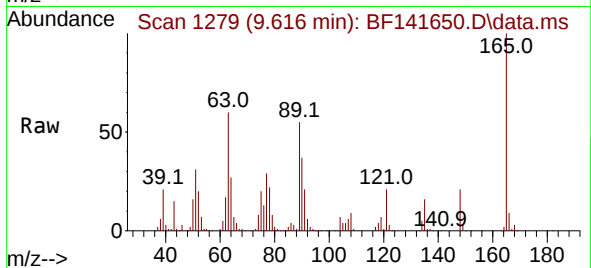
Tgt Ion:165 Resp: 140605

Ion Ratio Lower Upper

165 100

63 59.6 49.4 74.0

89 54.6 46.5 69.7



#52

Acenaphthene

Concen: 40.942 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

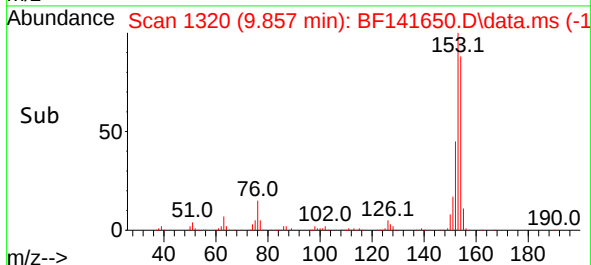
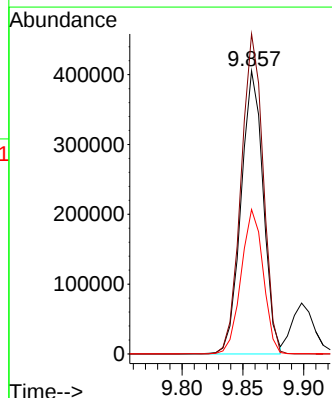
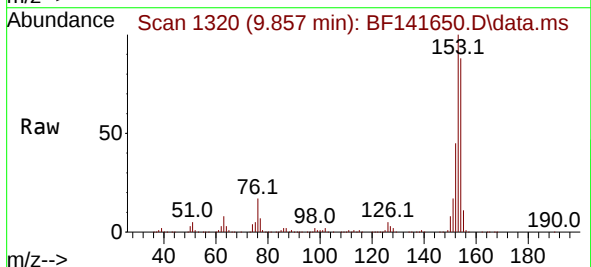
Tgt Ion:154 Resp: 513024

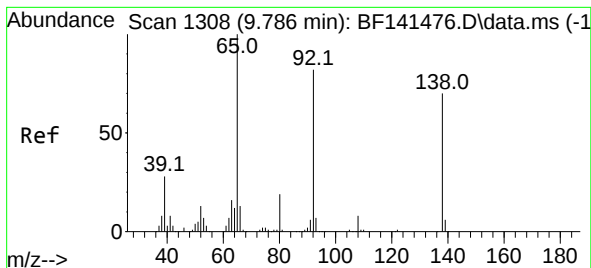
Ion Ratio Lower Upper

154 100

153 113.0 89.2 133.8

152 51.0 39.8 59.8





#53

3-Nitroaniline

Concen: 31.532 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

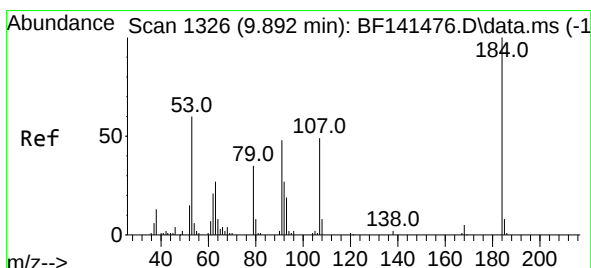
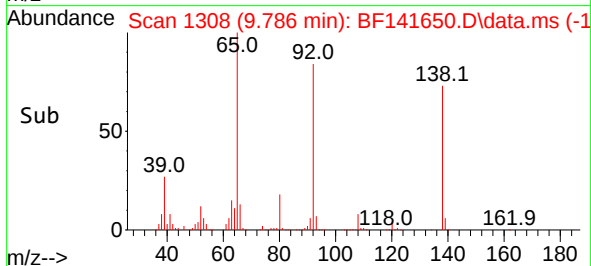
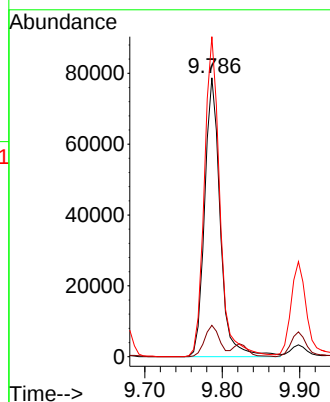
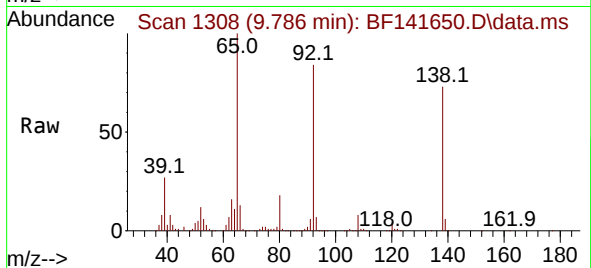
Tgt Ion:138 Resp: 110092

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 114.7 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 79.157 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

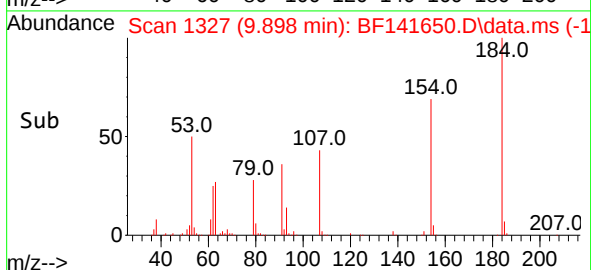
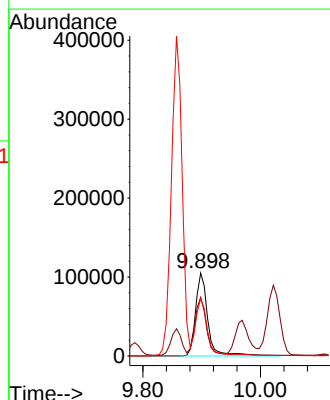
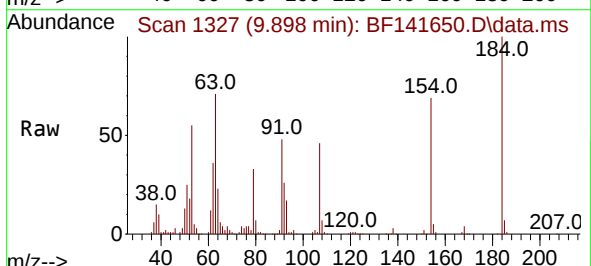
Tgt Ion:184 Resp: 152609

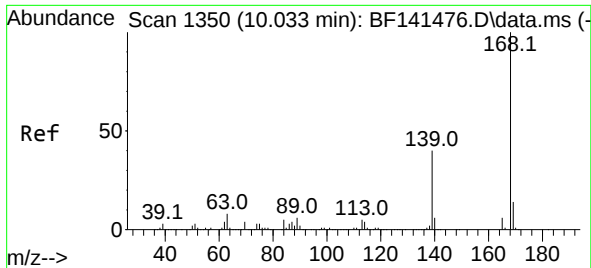
Ion Ratio Lower Upper

184 100

63 70.9 61.0 91.6

154 69.3 59.9 89.9

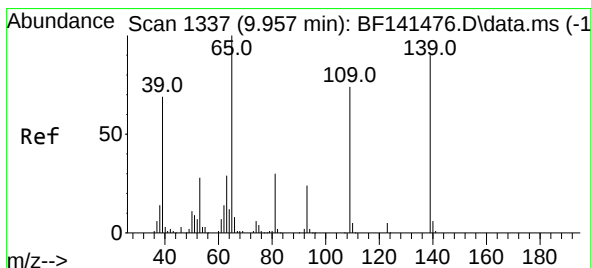
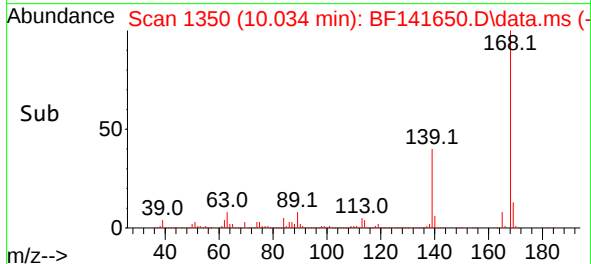
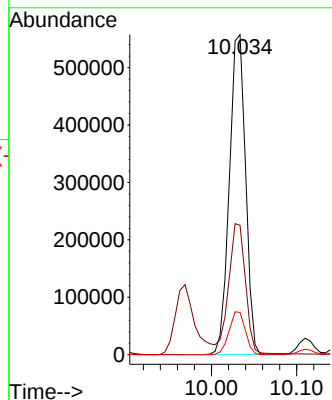
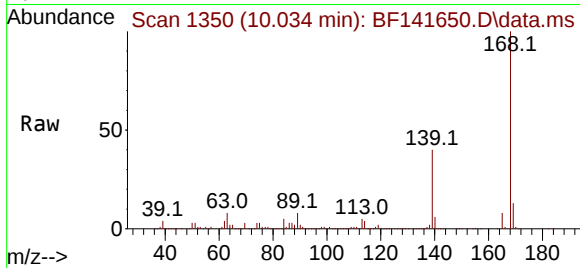




#55
Dibenzofuran
Concen: 40.116 ng
RT: 10.034 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

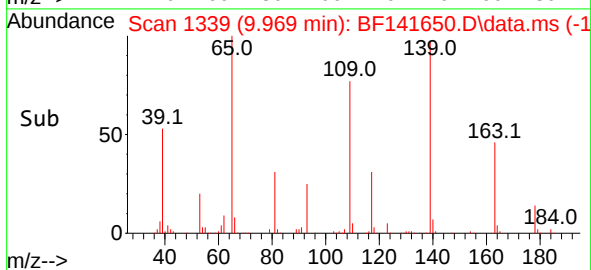
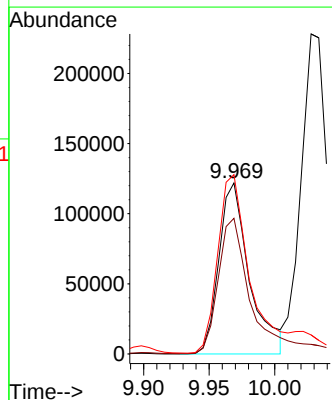
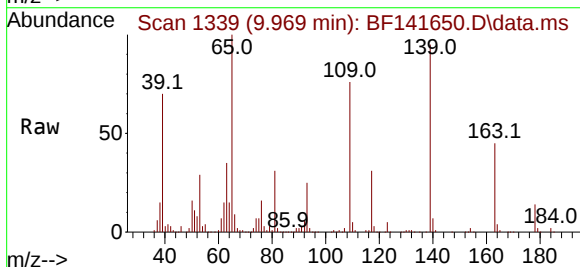
Instrument :
BNA_F
ClientSampleId :
348MS

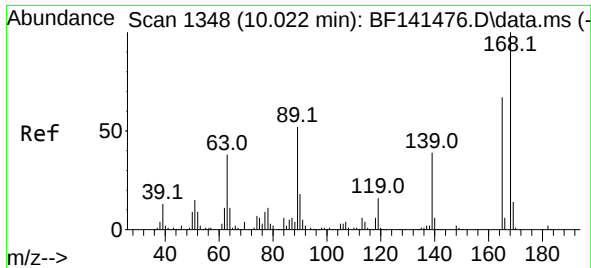
Tgt Ion:168 Resp: 737843
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 76.015 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:139 Resp: 197014
Ion Ratio Lower Upper
139 100
109 79.3 62.0 102.0
65 104.9 91.2 131.2

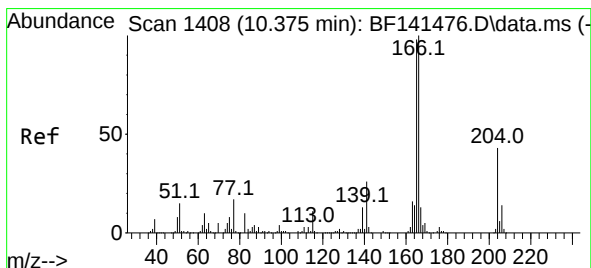
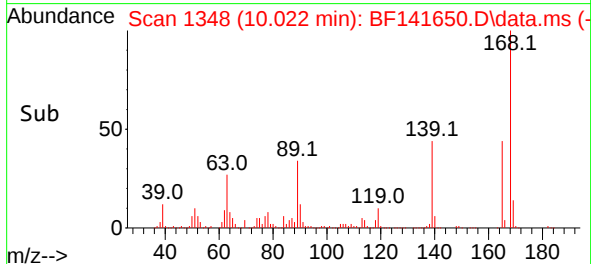
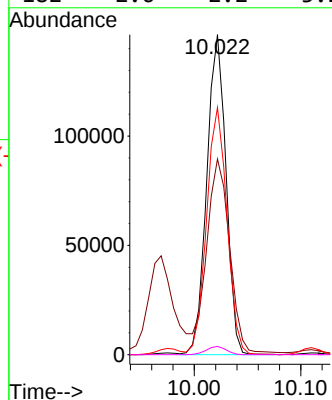
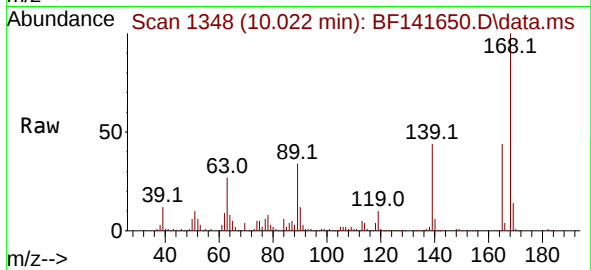




#57
2,4-Dinitrotoluene
Concen: 42.647 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

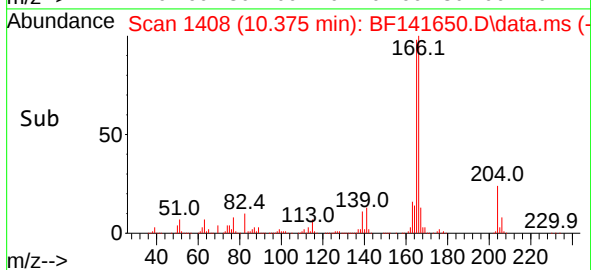
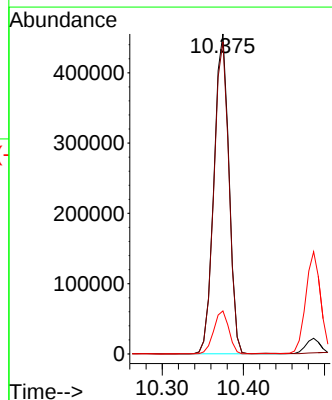
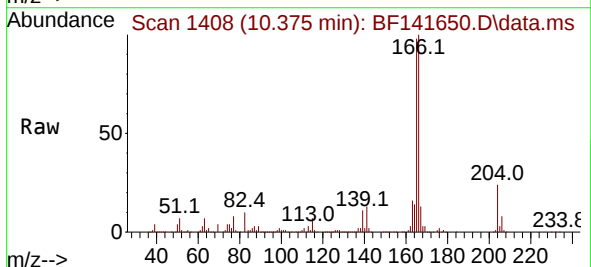
Instrument :
BNA_F
ClientSampleId :
348MS

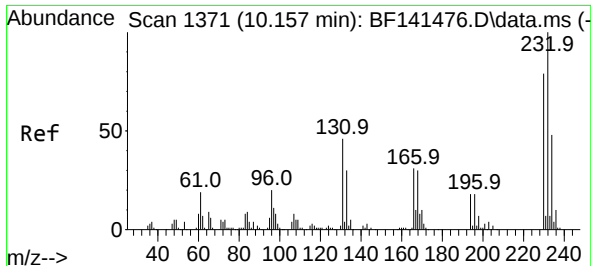
Tgt Ion:165 Resp: 184169
Ion Ratio Lower Upper
165 100
63 61.1 46.4 69.6
89 77.2 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.959 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:166 Resp: 582481
Ion Ratio Lower Upper
166 100
165 97.6 78.2 117.2
167 13.4 10.7 16.1

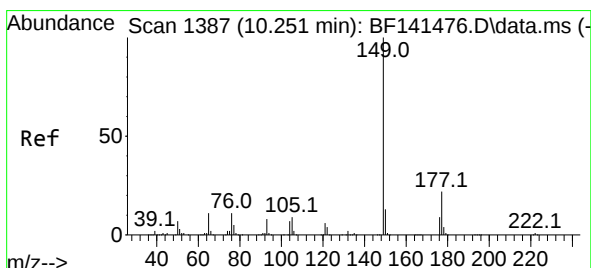
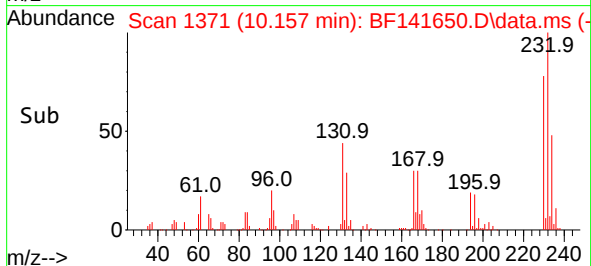
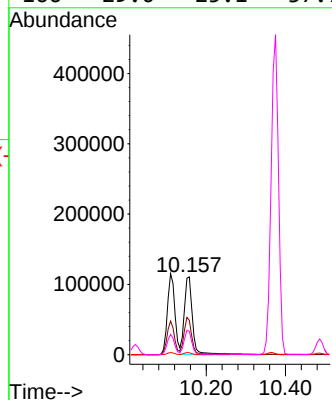
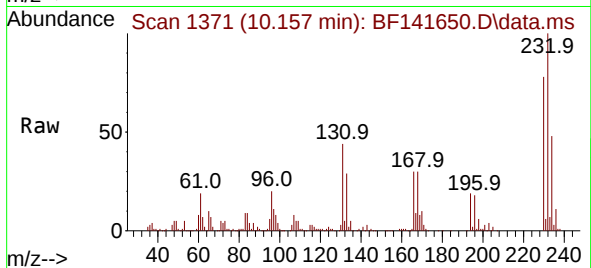




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.181 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

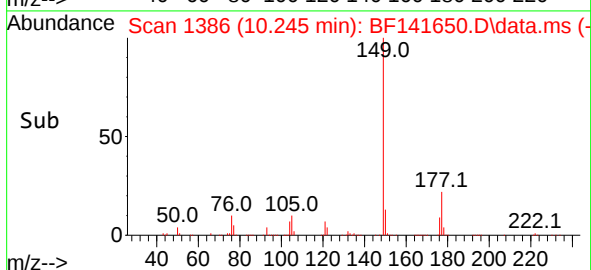
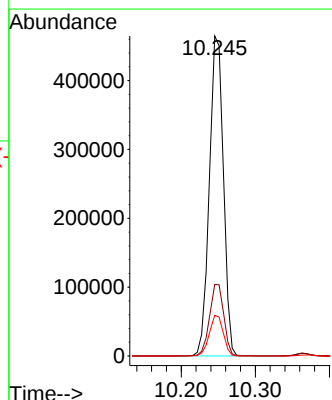
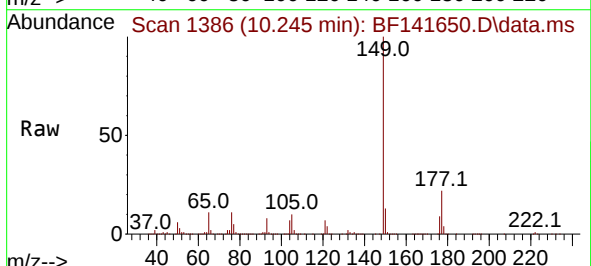
Instrument :
BNA_F
ClientSampleId :
348MS

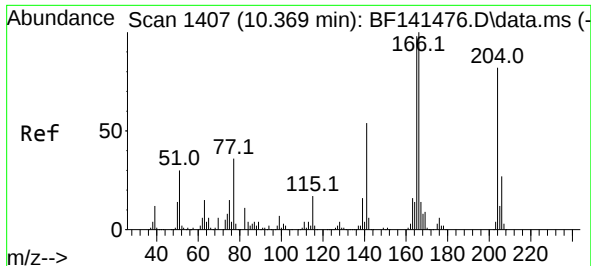
Tgt Ion:232 Resp: 157045
Ion Ratio Lower Upper
232 100
131 43.4 39.2 58.8
130 2.5 2.1 3.1
166 29.0 25.1 37.7



#60
Diethylphthalate
Concen: 41.942 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:149 Resp: 612335
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.7 10.1 15.1

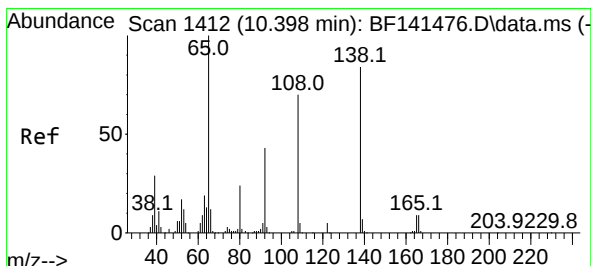
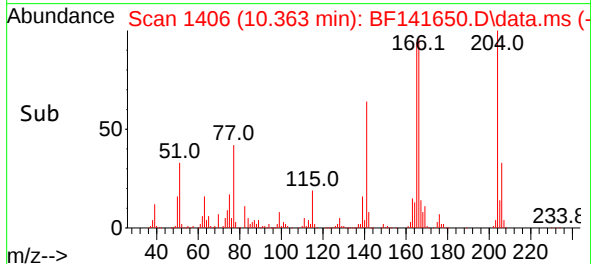
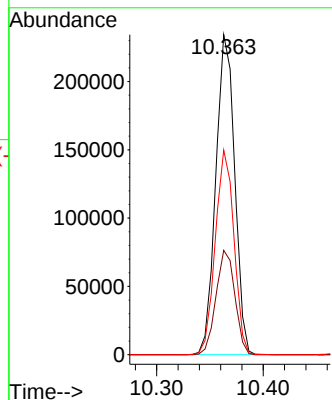
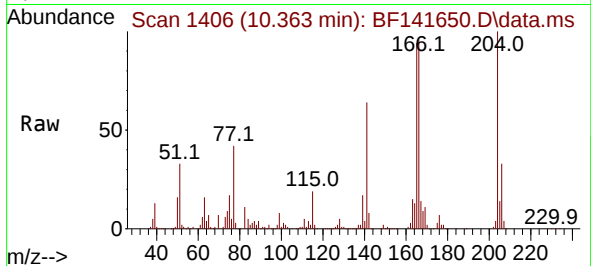




#61
4-Chlorophenyl-phenylether
Concen: 42.109 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

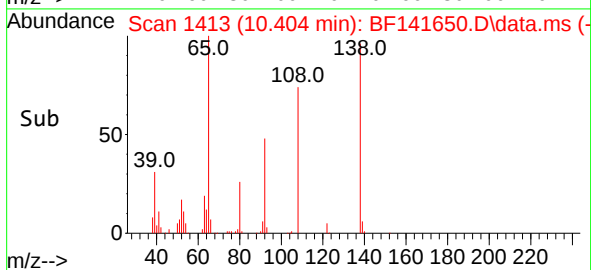
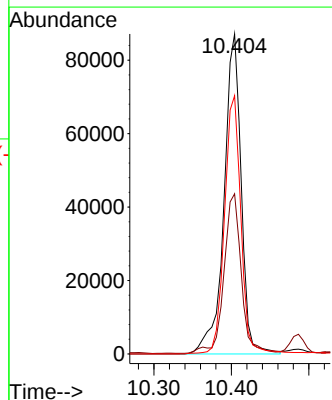
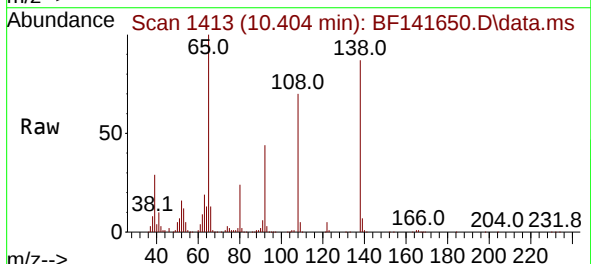
Instrument :
BNA_F
ClientSampleId :
348MS

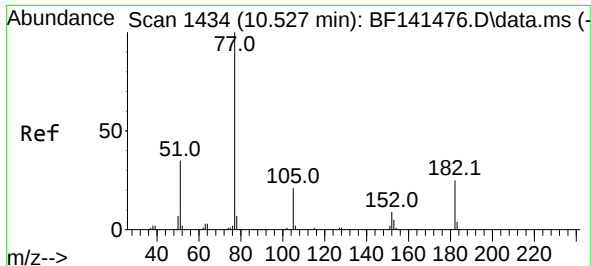
Tgt Ion:204 Resp: 288093
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 64.0 51.9 77.9



#62
4-Nitroaniline
Concen: 37.981 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:138 Resp: 134649
Ion Ratio Lower Upper
138 100
92 50.1 31.3 71.3
108 80.7 63.7 103.7

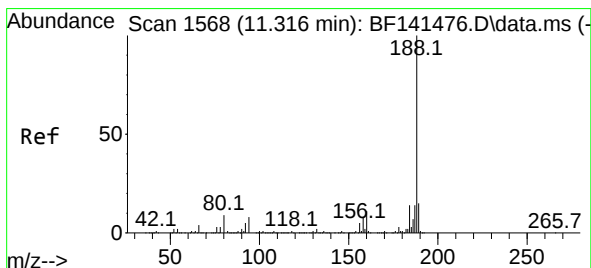
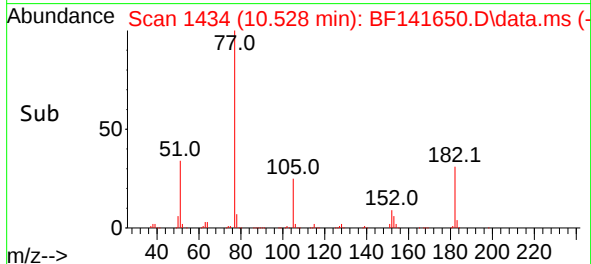
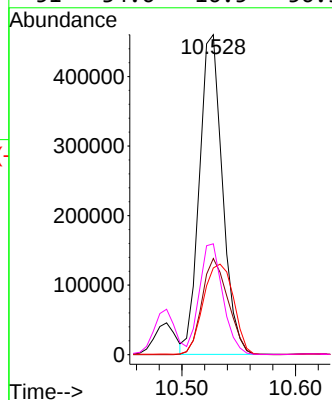
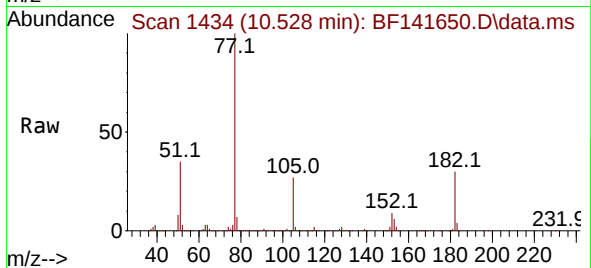




#63
Azobenzene
Concen: 44.653 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

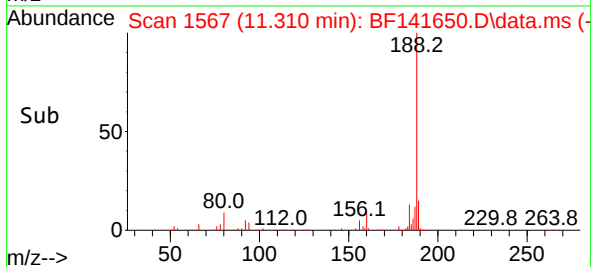
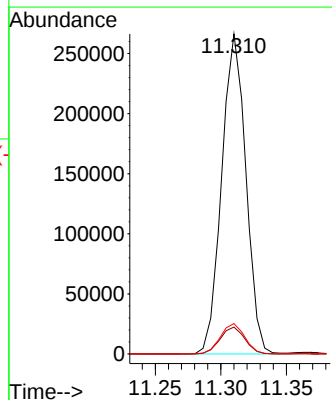
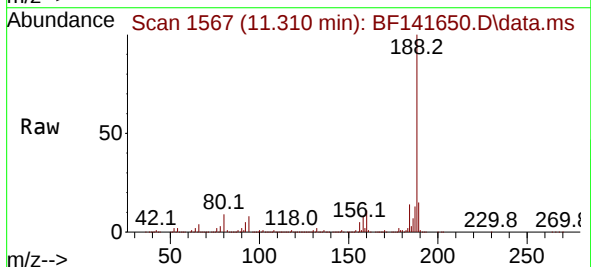
Instrument :
BNA_F
ClientSampleId :
348MS

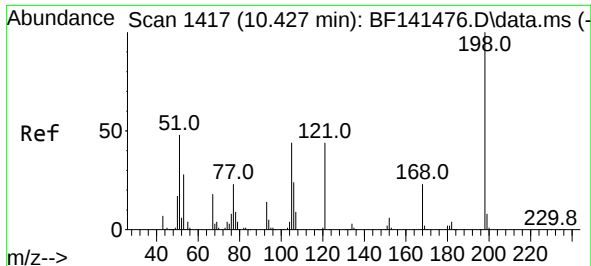
Tgt Ion:	77	Resp:	648087
Ion	Ratio	Lower	Upper
77	100		
182	30.0	4.7	44.7
105	27.1	0.4	40.4
51	34.6	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:	188	Resp:	341392
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.5	7.3	10.9

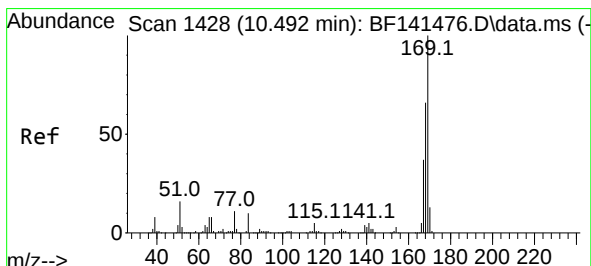
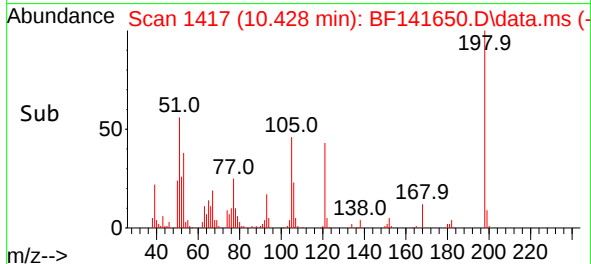
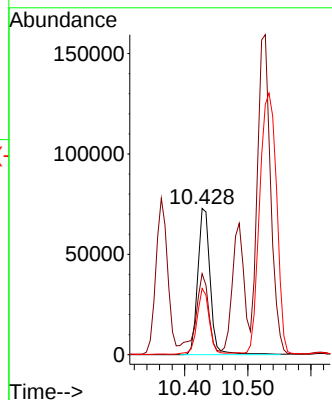
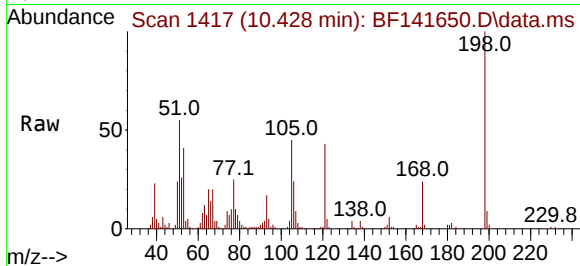




#65
4,6-Dinitro-2-methylphenol
Concen: 41.988 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

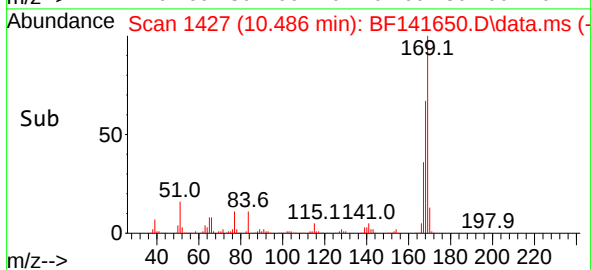
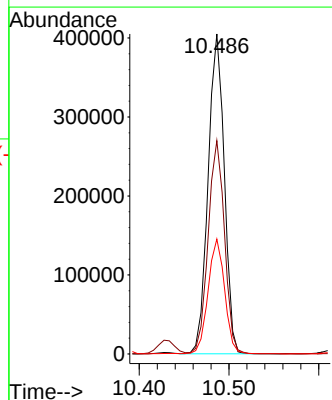
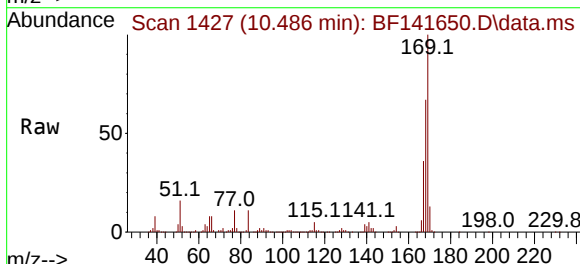
Instrument :
BNA_F
ClientSampleId :
348MS

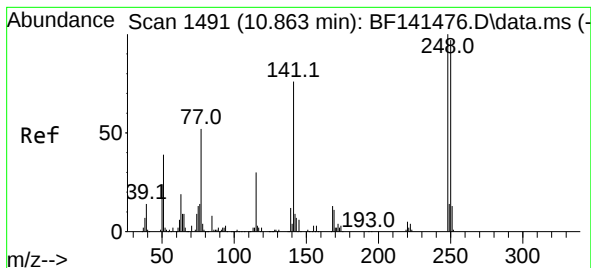
Tgt Ion:198 Resp: 99575
Ion Ratio Lower Upper
198 100
51 55.4 37.4 77.4
105 45.3 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 46.331 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:169 Resp: 506321
Ion Ratio Lower Upper
169 100
168 66.7 53.3 79.9
167 35.9 29.4 44.2

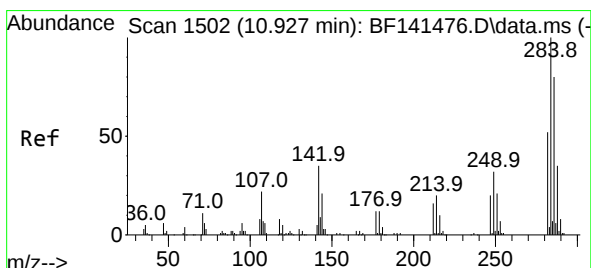
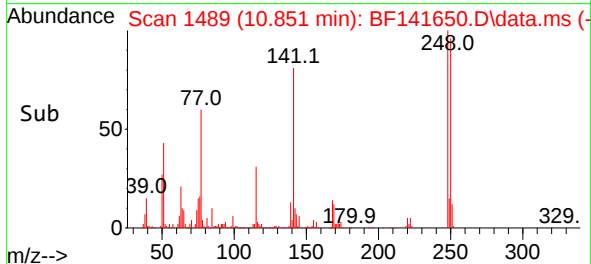
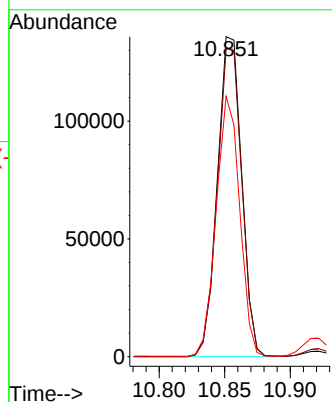
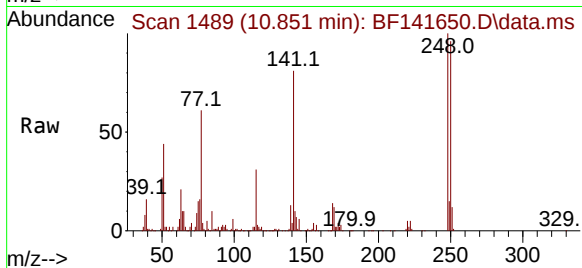




#67
4-Bromophenyl-phenylether
Concen: 46.008 ng
RT: 10.851 min Scan# 1491
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

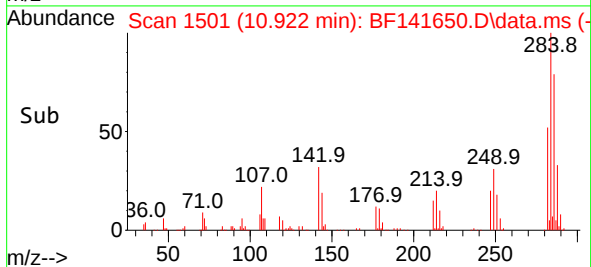
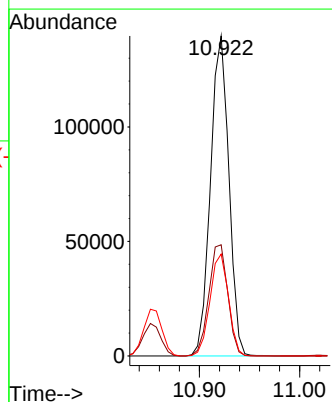
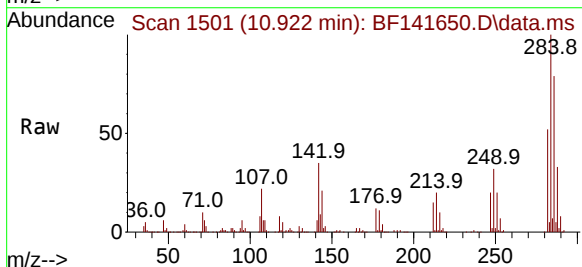
Instrument :
BNA_F
ClientSampleId :
348MS

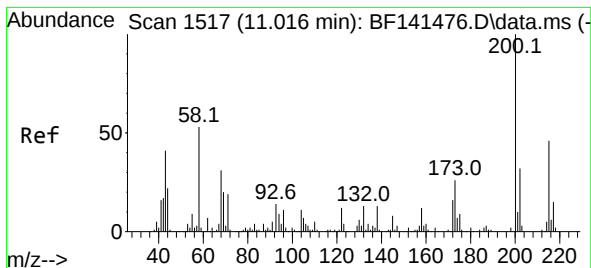
Tgt Ion:248 Resp: 175543
Ion Ratio Lower Upper
248 100
250 96.2 77.8 116.6
141 81.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.378 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:284 Resp: 178288
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 31.9 25.8 38.8





#69

Atrazine

Concen: 55.562 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

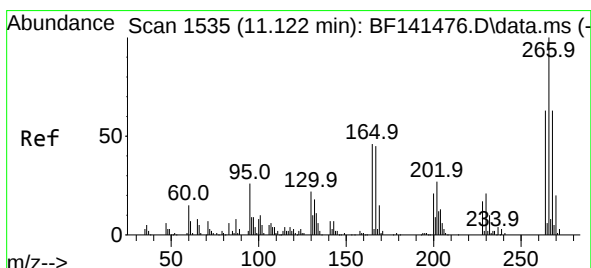
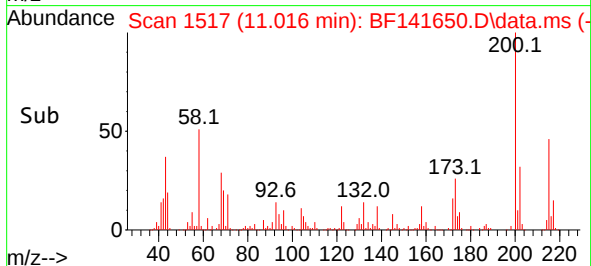
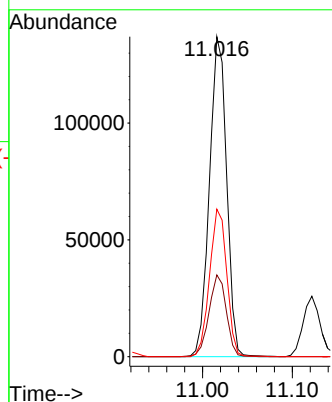
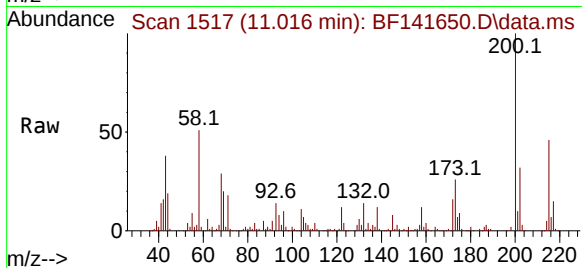
Tgt Ion:200 Resp: 182161

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 73.942 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

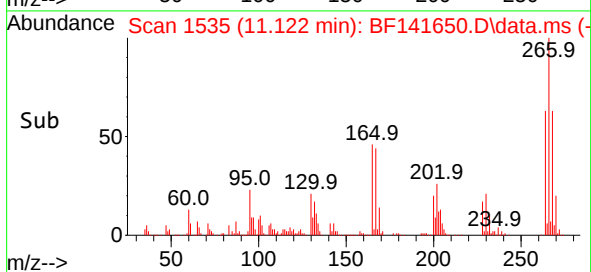
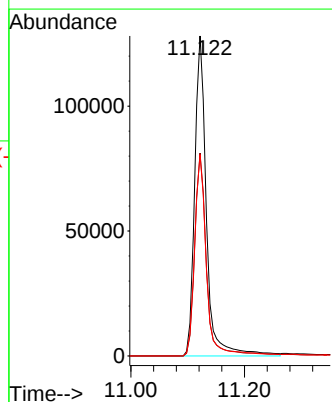
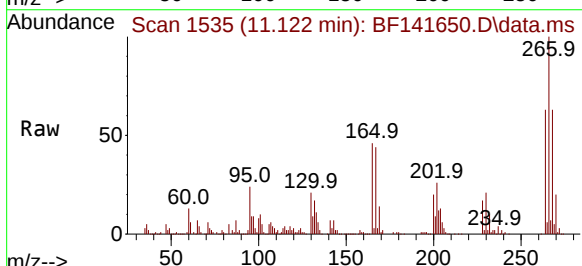
Tgt Ion:266 Resp: 185760

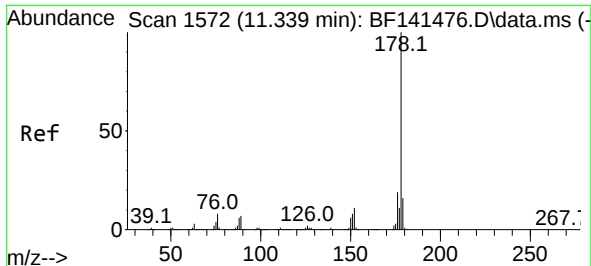
Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

264 63.0 50.1 75.1

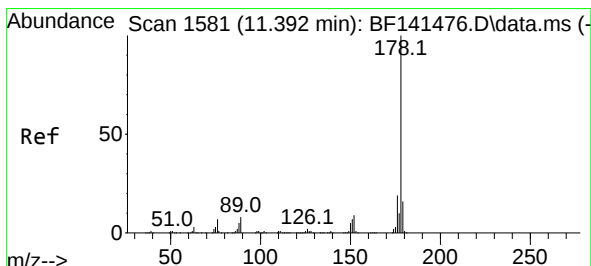
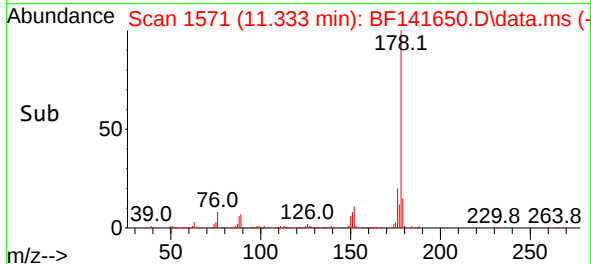
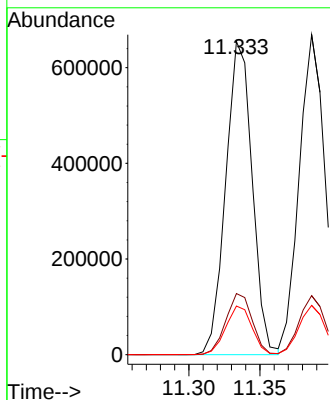
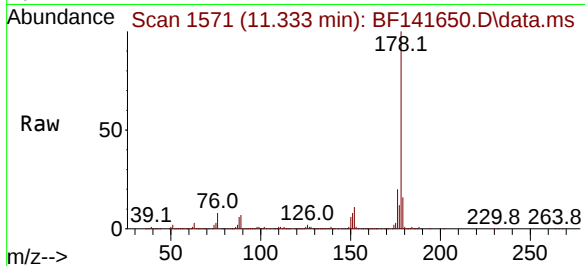




#71
Phenanthrene
Concen: 45.226 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

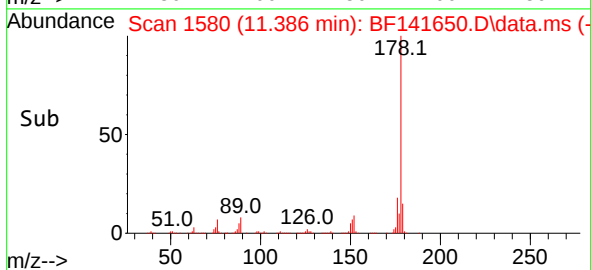
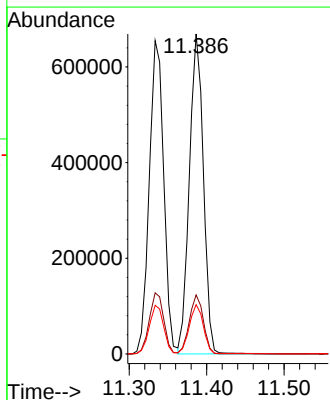
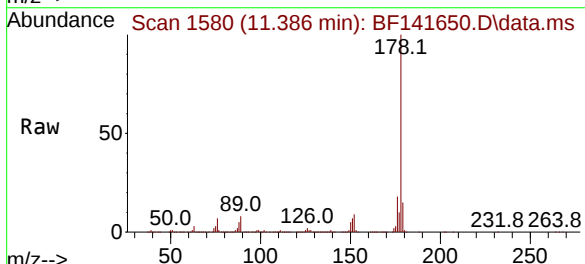
Instrument :
BNA_F
ClientSampleId :
348MS

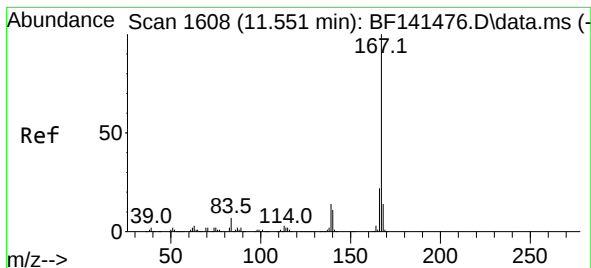
Tgt Ion:178 Resp: 849885
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 44.524 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:178 Resp: 841079
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 41.412 ng

RT: 11.545 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

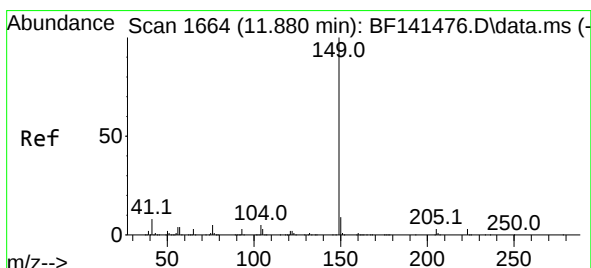
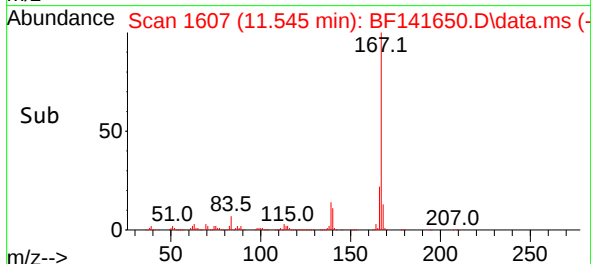
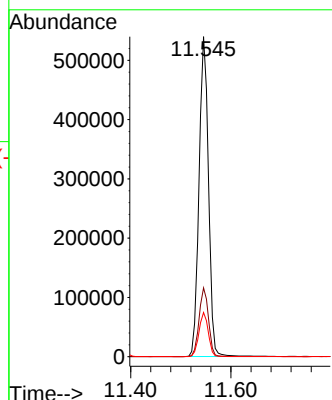
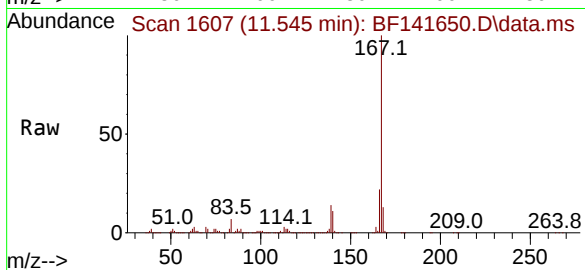
Tgt Ion:167 Resp: 703898

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.749 ng

RT: 11.869 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

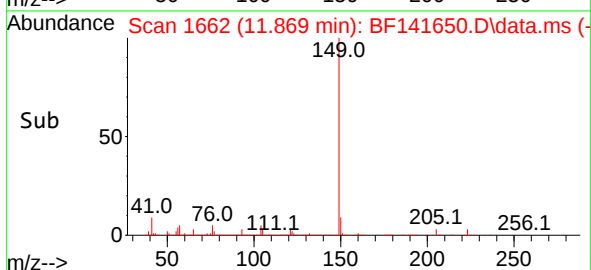
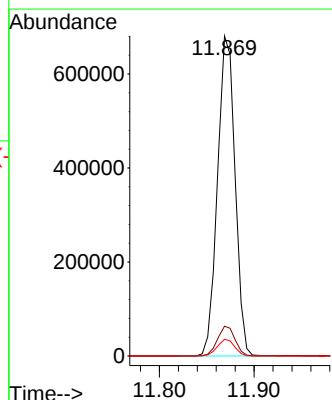
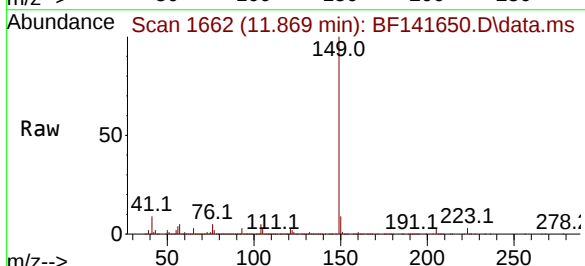
Tgt Ion:149 Resp: 878269

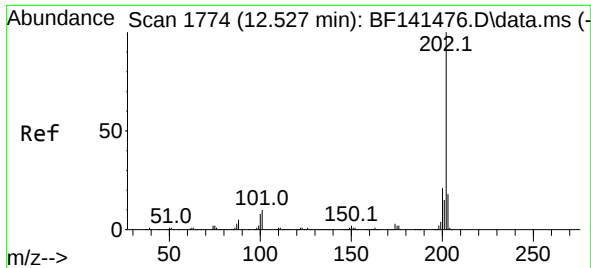
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.2 4.2 6.2

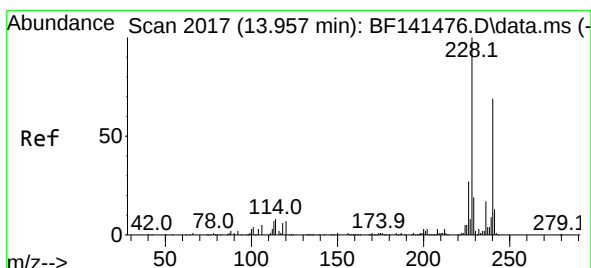
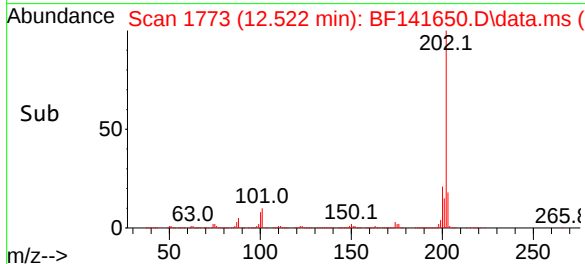
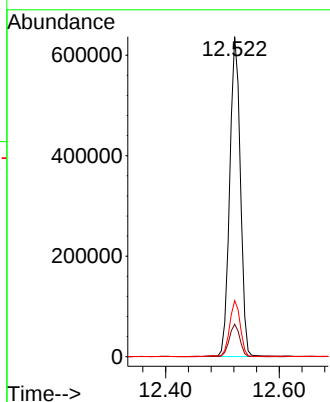
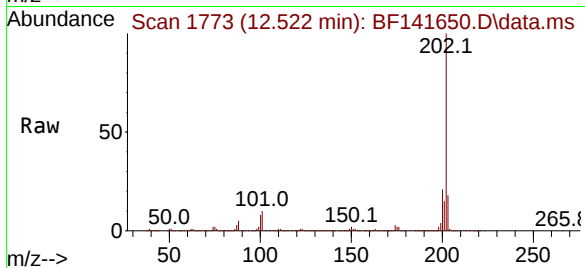




#75
Fluoranthene
Concen: 41.684 ng
RT: 12.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

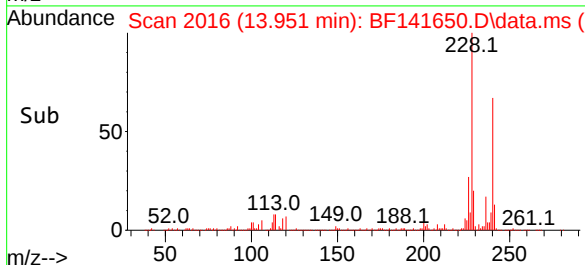
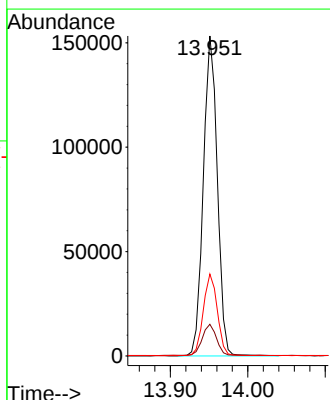
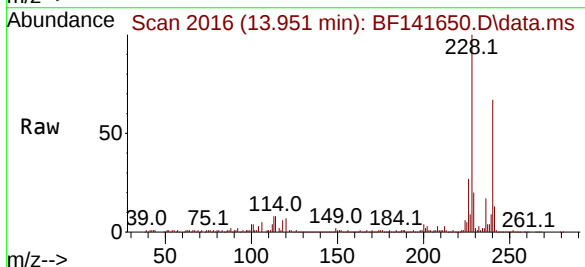
Instrument :
BNA_F
ClientSampleId :
348MS

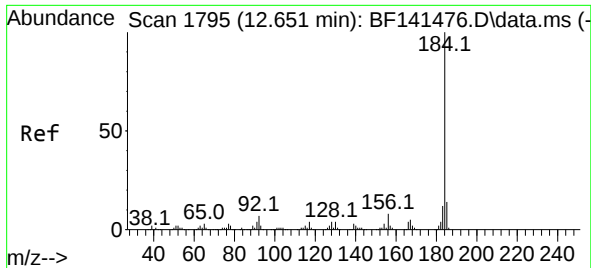
Tgt Ion:202 Resp: 830491
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:240 Resp: 192367
Ion Ratio Lower Upper
240 100
120 9.9 8.0 12.0
236 25.6 19.8 29.8

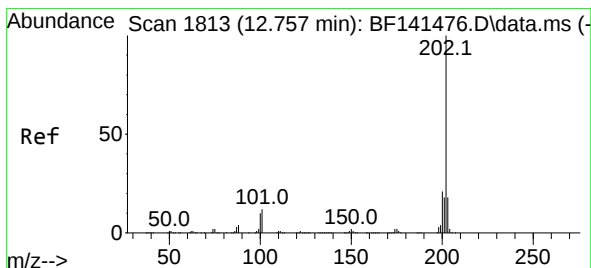
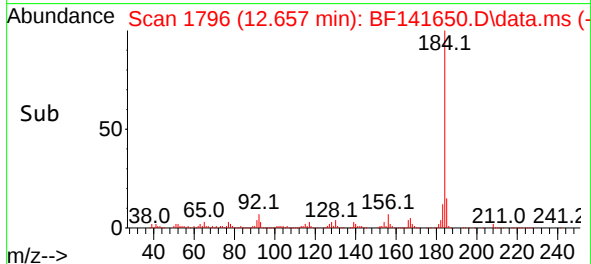
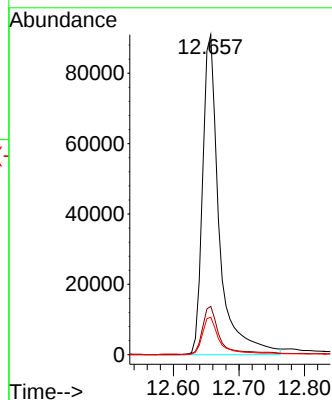
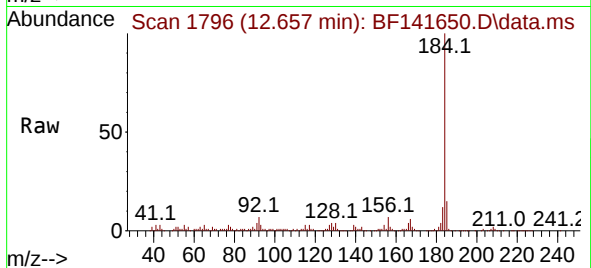




#77
Benzidine
Concen: 37.950 ng
RT: 12.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

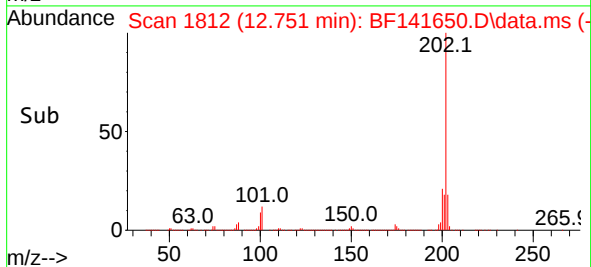
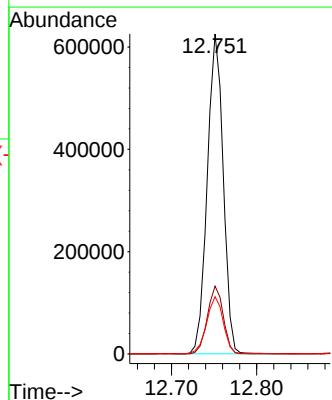
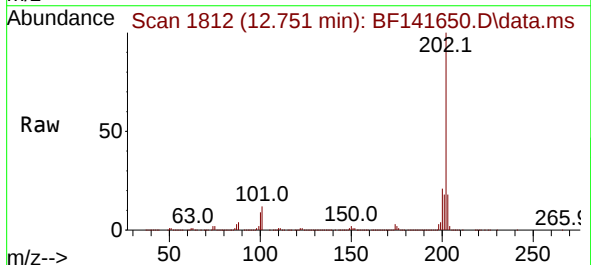
Instrument :
BNA_F
ClientSampleId :
348MS

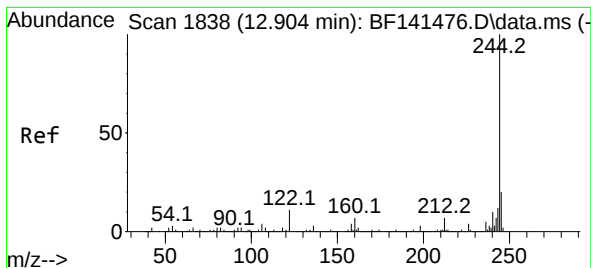
Tgt Ion:184 Resp: 161003
Ion Ratio Lower Upper
184 100
185 15.1 11.3 16.9
183 11.7 9.3 13.9



#78
Pyrene
Concen: 49.532 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:202 Resp: 811115
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 60.674 ng

RT: 12.892 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

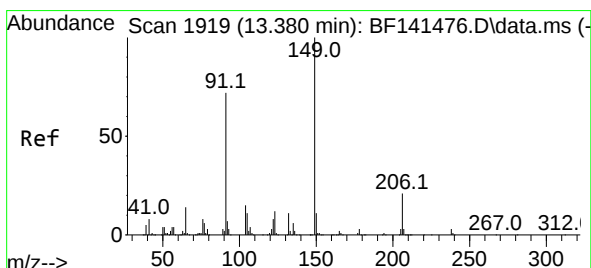
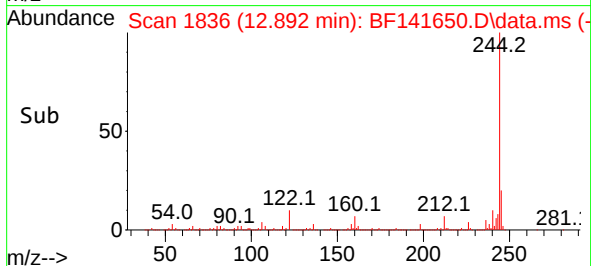
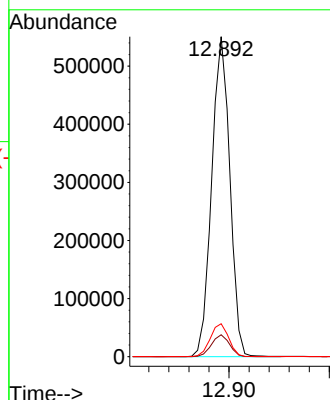
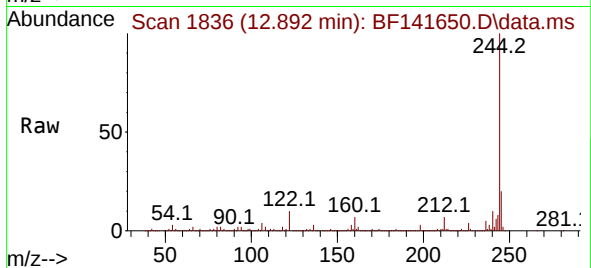
Tgt Ion:244 Resp: 691378

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.3 8.4 12.6



#80

Butylbenzylphthalate

Concen: 51.102 ng

RT: 13.369 min Scan# 1917

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

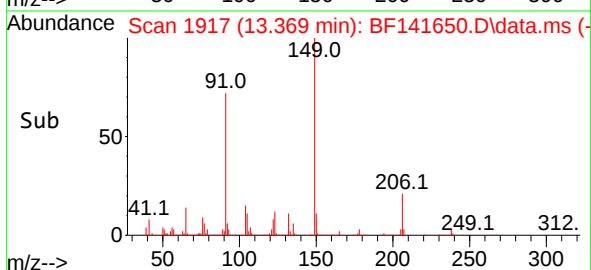
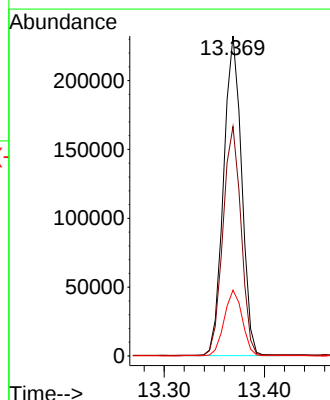
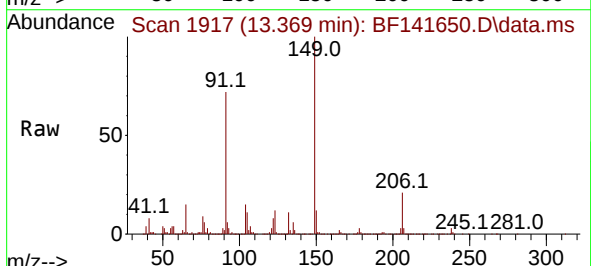
Tgt Ion:149 Resp: 289850

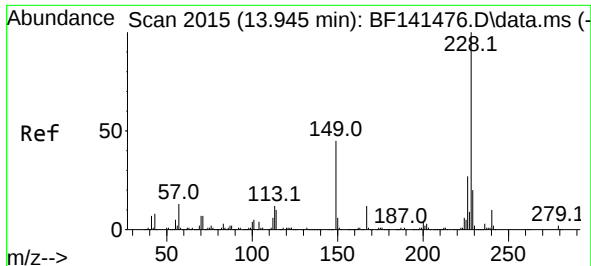
Ion Ratio Lower Upper

149 100

91 71.7 57.8 86.8

206 20.6 16.7 25.1

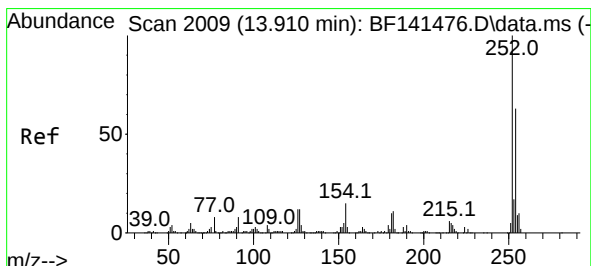
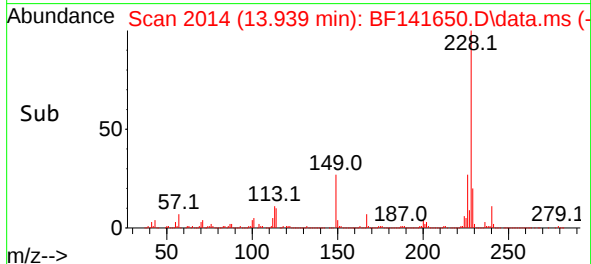
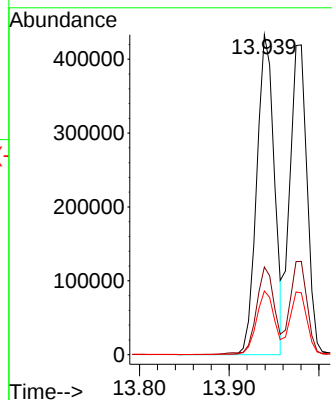
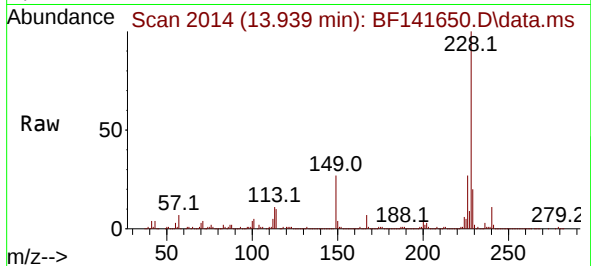




#81
Benzo(a)anthracene
Concen: 46.211 ng
RT: 13.939 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

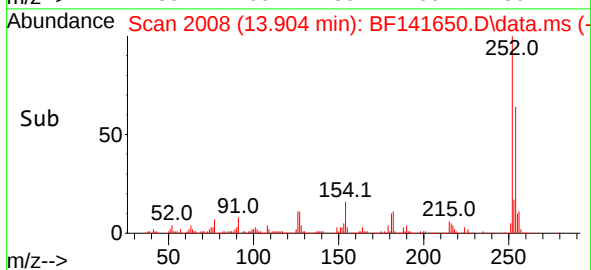
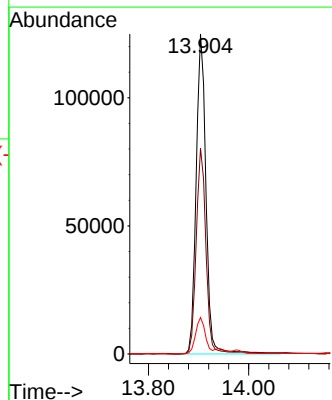
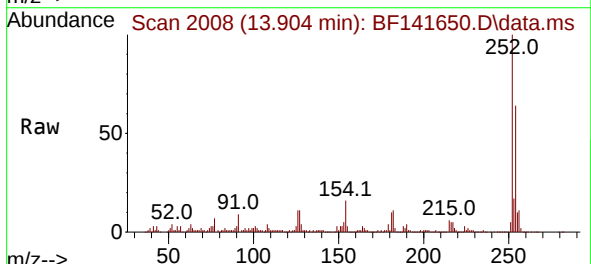
Instrument :
BNA_F
ClientSampleId :
348MS

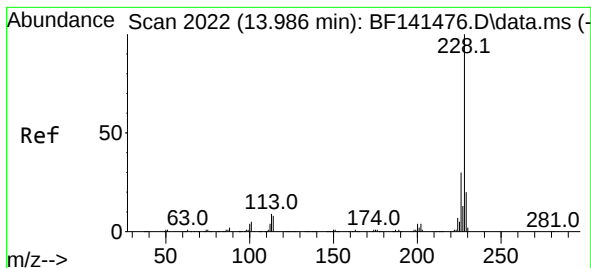
Tgt Ion:228 Resp: 590911
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.464 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:252 Resp: 170196
Ion Ratio Lower Upper
252 100
254 64.3 50.6 76.0
126 11.4 9.3 13.9





#83

Chrysene

Concen: 46.850 ng

RT: 13.980 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

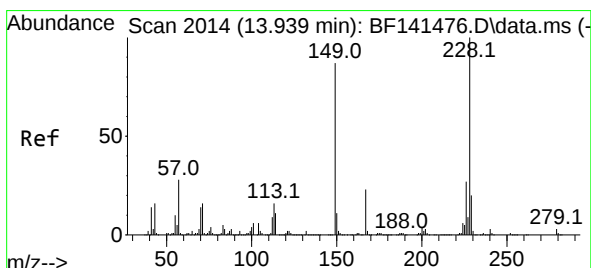
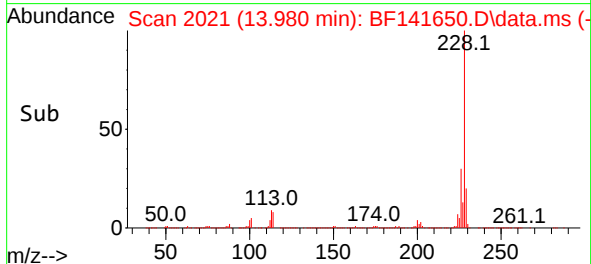
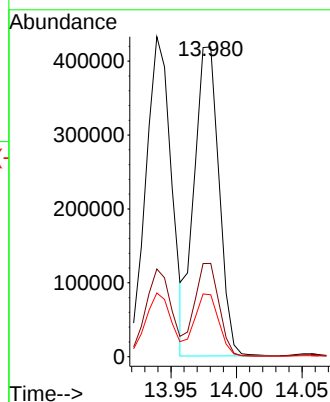
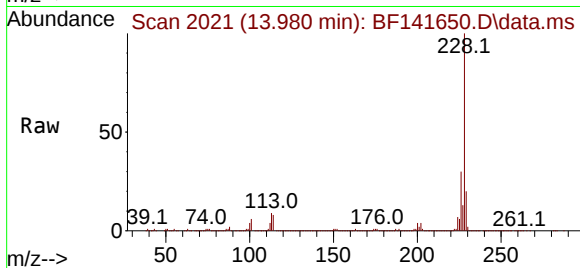
Tgt Ion:228 Resp: 553159

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.766 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

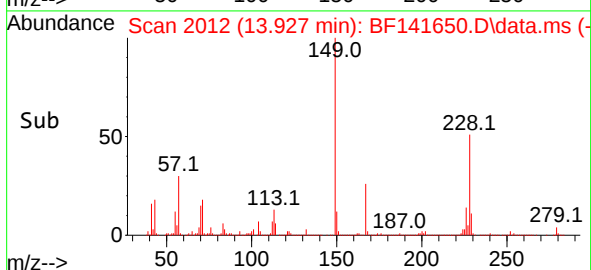
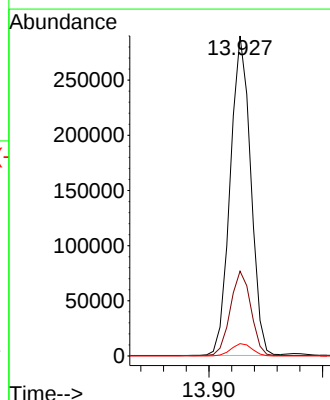
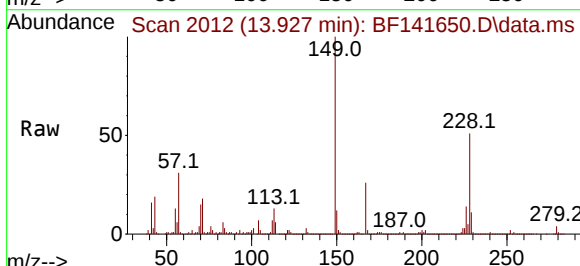
Tgt Ion:149 Resp: 363142

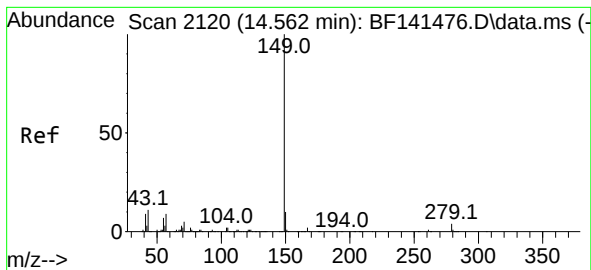
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 59.977 ng

RT: 14.545 min Scan# 2117

Delta R.T. -0.017 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

Instrument :

BNA_F

ClientSampleId :

348MS

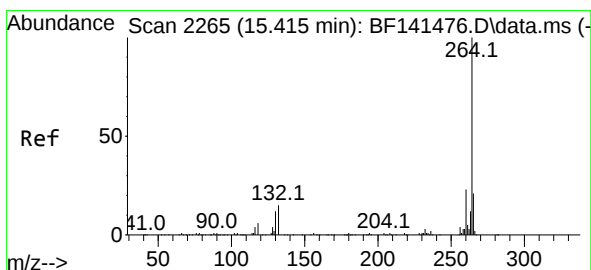
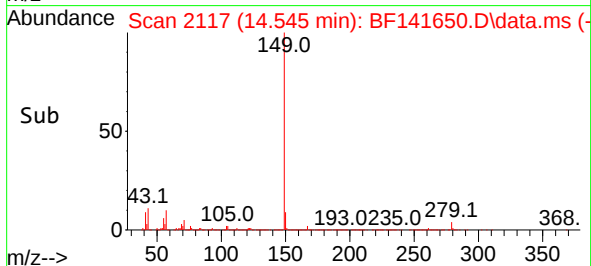
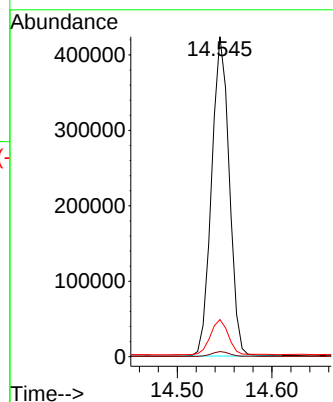
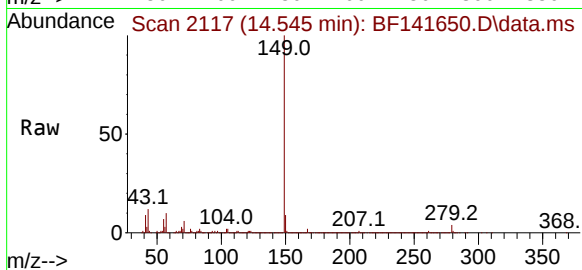
Tgt Ion:149 Resp: 547360

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.3 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141650.D

Acq: 14 Feb 2025 20:00

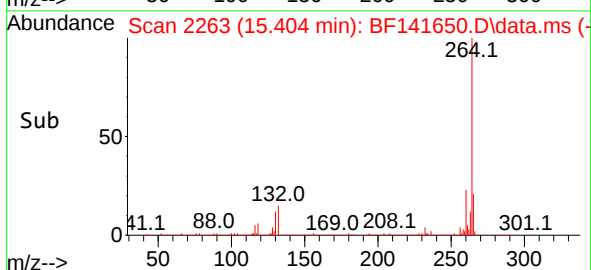
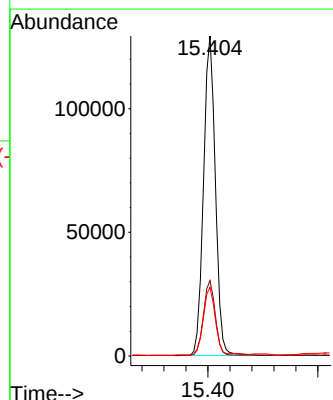
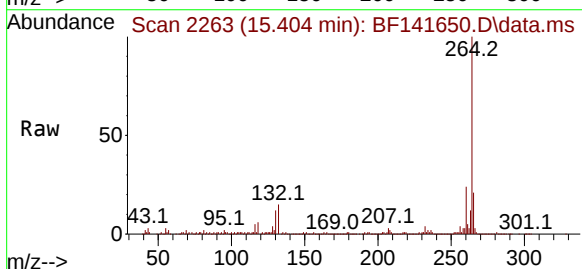
Tgt Ion:264 Resp: 193589

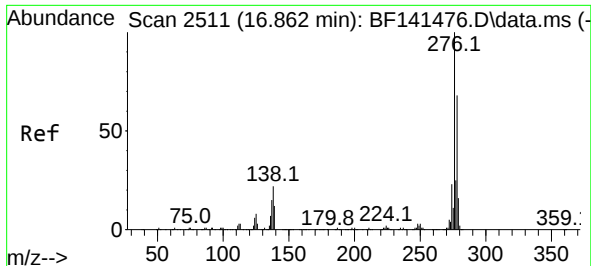
Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.4 17.0 25.4

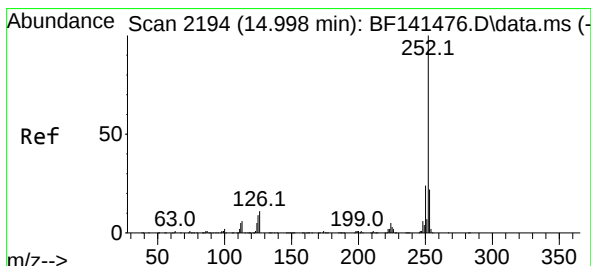
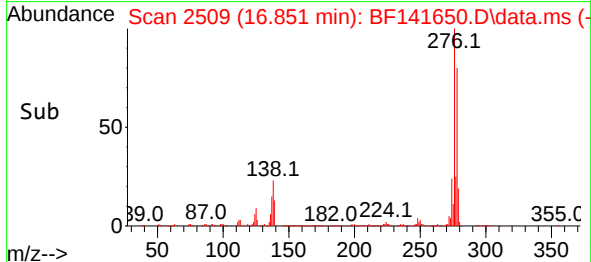
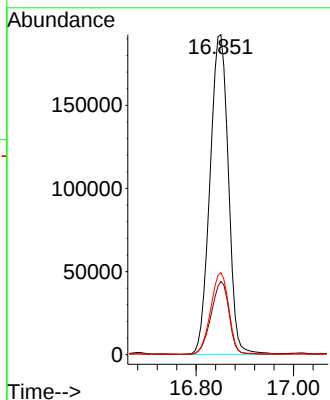
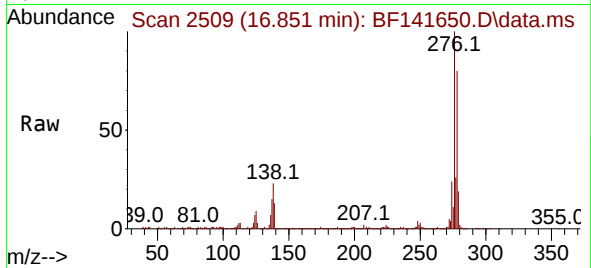




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.039 ng
 RT: 16.851 min Scan# 2109
 Delta R.T. -0.023 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

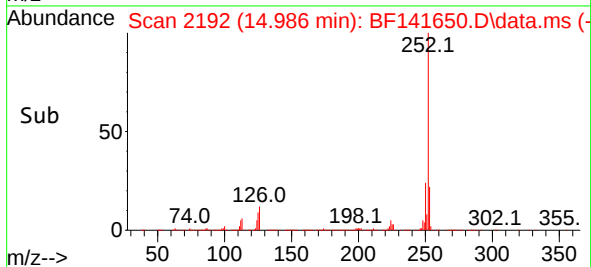
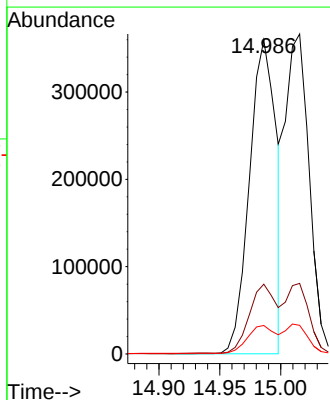
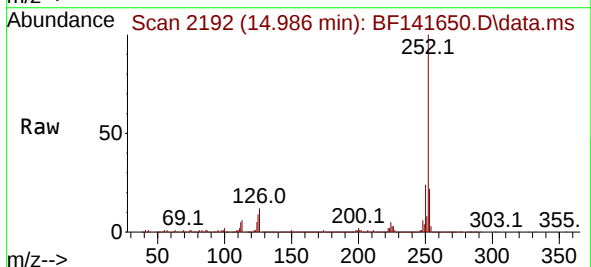
Instrument :
 BNA_F
 ClientSampleId :
 348MS

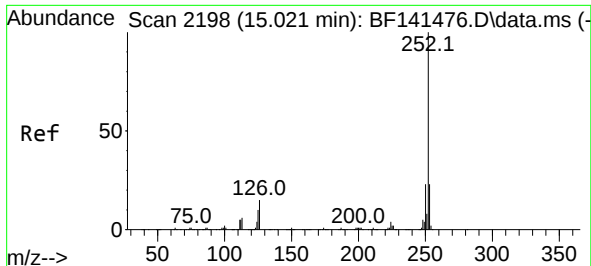
Tgt Ion:276 Resp: 502852
 Ion Ratio Lower Upper
 276 100
 138 22.3 18.0 27.0
 277 25.1 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 42.185 ng
 RT: 14.986 min Scan# 2192
 Delta R.T. -0.017 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

Tgt Ion:252 Resp: 548340
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.1 7.0 10.6

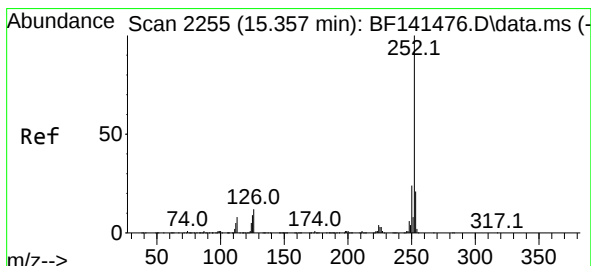
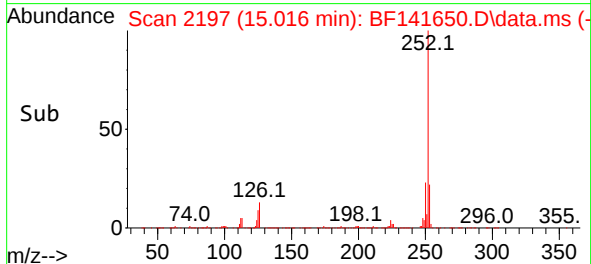
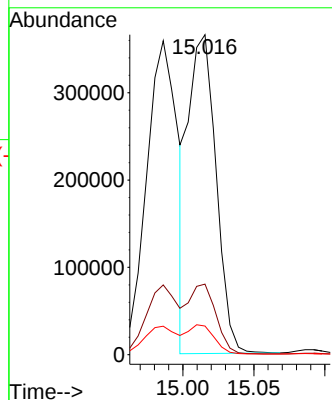
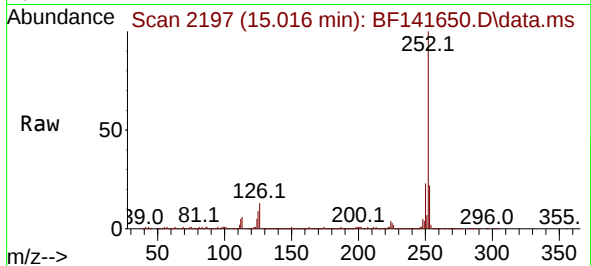




#89
Benzo(k)fluoranthene
Concen: 44.527 ng
RT: 15.016 min Scan# 2198
Delta R.T. -0.017 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

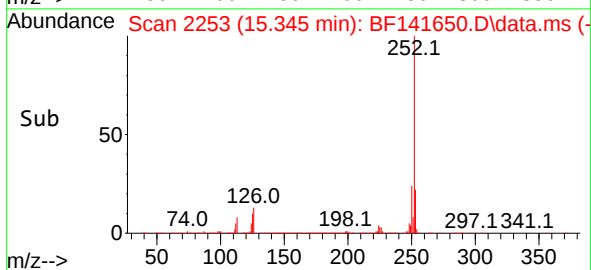
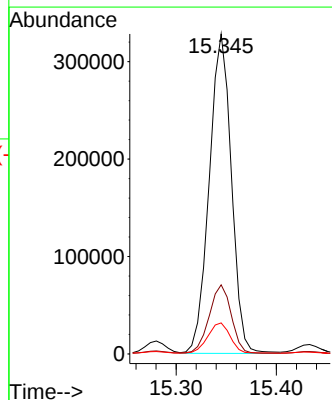
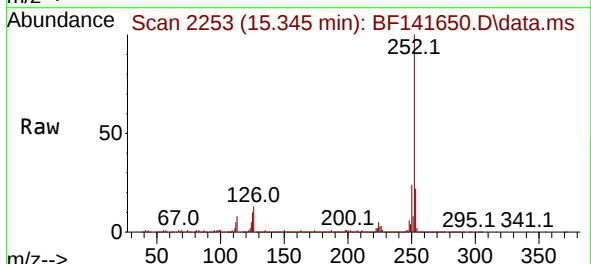
Instrument :
BNA_F
ClientSampleId :
348MS

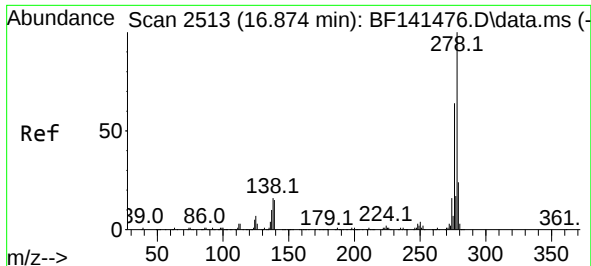
Tgt Ion:252 Resp: 494230
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.939 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.017 min
Lab File: BF141650.D
Acq: 14 Feb 2025 20:00

Tgt Ion:252 Resp: 504220
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 9.7 7.4 11.2

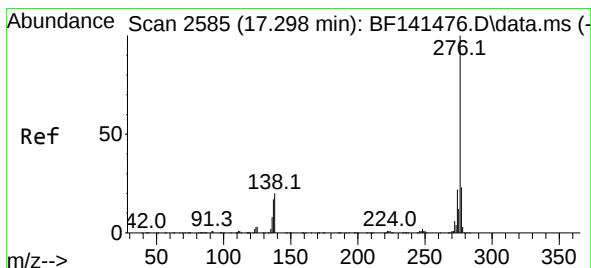
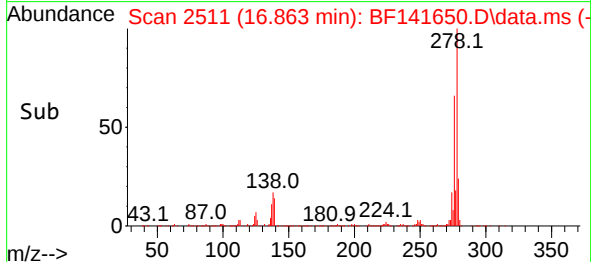
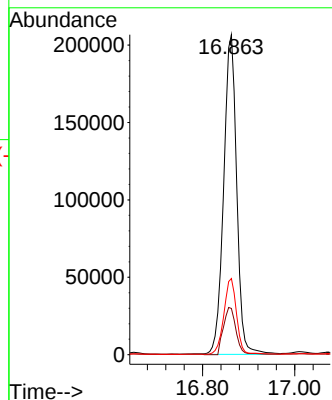
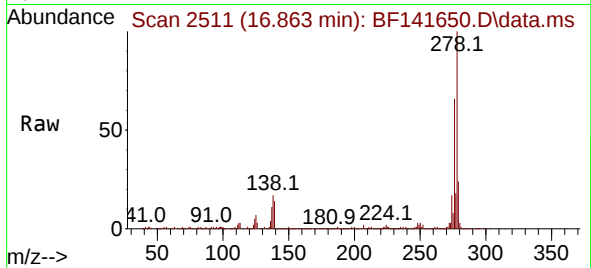




#91
 Dibenzo(a,h)anthracene
 Concen: 41.769 ng
 RT: 16.863 min Scan# 2511
 Delta R.T. -0.029 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

Instrument :
 BNA_F
 ClientSampleId :
 348MS

Tgt Ion:278 Resp: 404845
 Ion Ratio Lower Upper
 278 100
 139 14.4 11.8 17.6
 279 23.8 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 36.931 ng
 RT: 17.280 min Scan# 2582
 Delta R.T. -0.035 min
 Lab File: BF141650.D
 Acq: 14 Feb 2025 20:00

Tgt Ion:276 Resp: 374582
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.6 28.0
 138 19.5 15.9 23.9

