

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142210.D
 Acq On : 22 Apr 2025 14:11
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 15:10:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	390162	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1490549	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	837728	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1387409	20.000	ng	0.00
76) Chrysene-d12	14.033	240	777716	20.000	ng	0.00
86) Perylene-d12	15.504	264	953582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1558515	74.891	ng	0.00
7) Phenol-d6	6.492	99	1962826	75.314	ng	0.00
23) Nitrobenzene-d5	7.428	82	1783908	75.163	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	823026	71.855	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3796882	73.874	ng	0.00
79) Terphenyl-d14	12.974	244	3676448	79.195	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	275984	32.671	ng	96
3) Pyridine	3.375	79	662955	36.158	ng	99
4) n-Nitrosodimethylamine	3.316	42	272648	36.623	ng	# 95
6) Aniline	6.528	93	878614	36.511	ng	97
8) 2-Chlorophenol	6.651	128	883471	37.088	ng	98
9) Benzaldehyde	6.416	77	518470	36.234	ng	99
10) Phenol	6.510	94	1041021	37.871	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	741628	35.776	ng	98
12) 1,3-Dichlorobenzene	6.810	146	986001	36.527	ng	99
13) 1,4-Dichlorobenzene	6.886	146	998310	36.059	ng	99
14) 1,2-Dichlorobenzene	7.039	146	945229	36.700	ng	98
15) Benzyl Alcohol	7.010	79	742392	39.068	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	750685	37.360	ng	97
17) 2-Methylphenol	7.116	107	673463	37.564	ng	98
18) Hexachloroethane	7.381	117	358394	38.106	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	557433	37.824	ng	98
20) 3+4-Methylphenols	7.269	107	864129	38.755	ng	94
22) Acetophenone	7.275	105	1199418	36.660	ng	97
24) Nitrobenzene	7.451	77	886795	37.715	ng	99
25) Isophorone	7.686	82	1476859	37.070	ng	99
26) 2-Nitrophenol	7.763	139	507591	41.069	ng	97
27) 2,4-Dimethylphenol	7.798	122	602202	37.473	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	971684	37.162	ng	99
29) 2,4-Dichlorophenol	8.004	162	796342	36.435	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	914103	35.763	ng	100
31) Naphthalene	8.169	128	2669065	37.907	ng	99
32) Benzoic acid	7.910	122	486450	34.933	ng	98
33) 4-Chloroaniline	8.222	127	920273	36.096	ng	99
34) Hexachlorobutadiene	8.286	225	603040	35.751	ng	98
35) Caprolactam	8.580	113	217693	37.336	ng	92
36) 4-Chloro-3-methylphenol	8.698	107	808893	36.765	ng	99
37) 2-Methylnaphthalene	8.863	142	1771486	36.404	ng	99
38) 1-Methylnaphthalene	8.963	142	1720573	36.518	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	969124	35.356	ng	99
41) Hexachlorocyclopentadiene	9.016	237	304734	36.256	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	581348	36.328	ng	99

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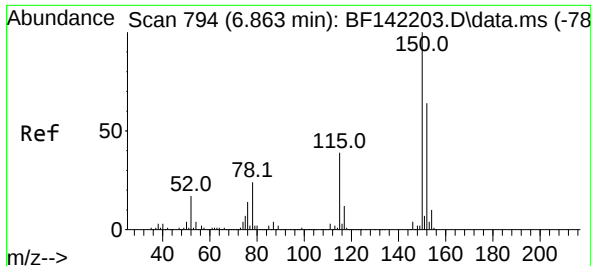
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	614311	35.813	ng	99
46) 1,1'-Biphenyl	9.322	154	2269501	37.780	ng	97
47) 2-Chloronaphthalene	9.351	162	1697350	36.402	ng	99
48) 2-Nitroaniline	9.445	65	424788	38.865	ng	94
49) Acenaphthylene	9.769	152	2446730	37.124	ng	99
50) Dimethylphthalate	9.622	163	1983716	36.932	ng	99
51) 2,6-Dinitrotoluene	9.686	165	443208	36.753	ng	98
52) Acenaphthene	9.939	154	1751751	36.884	ng	99
53) 3-Nitroaniline	9.857	138	410794	35.552	ng	94
54) 2,4-Dinitrophenol	9.963	184	231384	39.176	ng	96
55) Dibenzofuran	10.110	168	2475214	37.175	ng	99
56) 4-Nitrophenol	10.022	139	293716	34.750	ng	99
57) 2,4-Dinitrotoluene	10.092	165	588403	37.778	ng	99
58) Fluorene	10.451	166	1904798	36.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	558460	36.416	ng	100
60) Diethylphthalate	10.322	149	1866878	37.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1021558	36.021	ng	99
62) 4-Nitroaniline	10.469	138	386520	35.193	ng	99
63) Azobenzene	10.604	77	1615035	36.980	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	329979	40.745	ng	97
66) n-Nitrosodiphenylamine	10.563	169	1585787	37.293	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	655610	35.932	ng	97
68) Hexachlorobenzene	10.998	284	764272	35.198	ng	97
69) Atrazine	11.086	200	474910	45.766	ng	99
70) Pentachlorophenol	11.198	266	401505	36.247	ng	99
71) Phenanthrene	11.416	178	2606889	37.837	ng	98
72) Anthracene	11.469	178	2625095	38.106	ng	98
73) Carbazole	11.621	167	2171037	36.073	ng	100
74) Di-n-butylphthalate	11.951	149	2457628	39.454	ng	99
75) Fluoranthene	12.604	202	2550696	35.616	ng	99
77) Benzidine	12.727	184	409464	40.799	ng	99
78) Pyrene	12.833	202	2509215	40.623	ng	99
80) Butylbenzylphthalate	13.451	149	664070	44.418	ng	98
81) Benzo(a)anthracene	14.021	228	1732930	36.789	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	545445	38.885	ng	100
83) Chrysene	14.057	228	1640659	36.150	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	922062	46.101	ng	99
85) Di-n-octyl phthalate	14.621	149	1778874	50.216	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	2534368	37.880	ng	99
88) Benzo(b)fluoranthene	15.074	252	1861922	34.803	ng	99
89) Benzo(k)fluoranthene	15.104	252	1820142	34.446	ng	99
90) Benzo(a)pyrene	15.445	252	1748823	36.526	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	2074575	38.012	ng	100
92) Benzo(g,h,i)perylene	17.445	276	2138331	37.617	ng	100

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

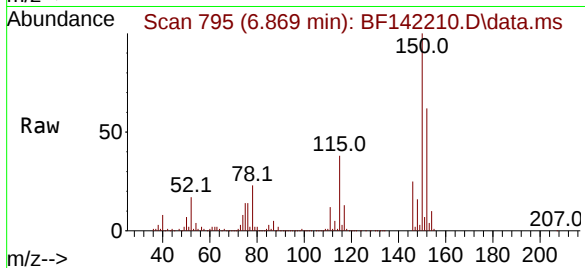
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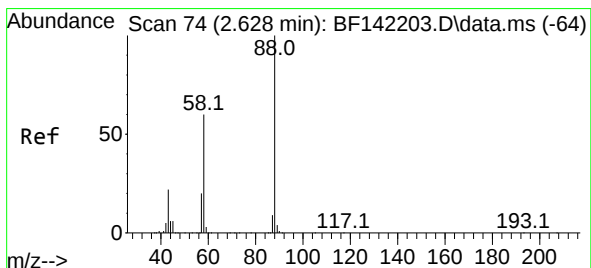
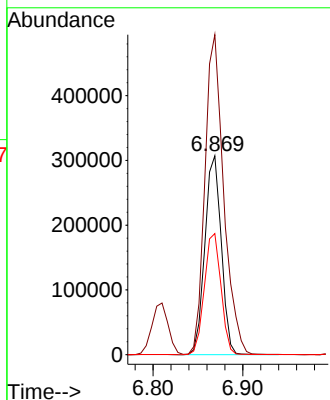
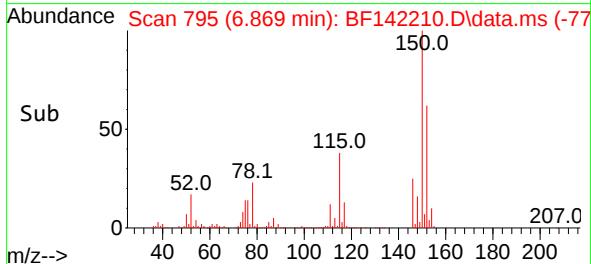


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11

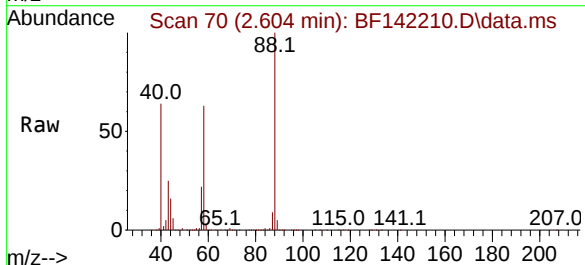
Instrument :
 BNA_F
 ClientSampleId :



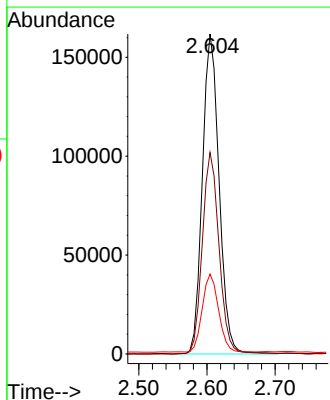
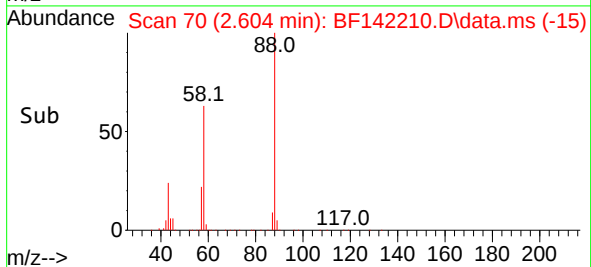
Tgt Ion:152 Resp: 390162
 Ion Ratio Lower Upper
 152 100
 150 160.9 126.4 189.6
 115 60.9 49.4 74.2

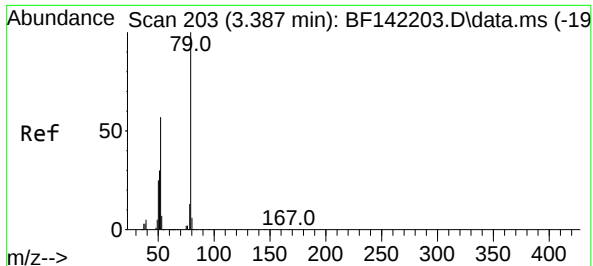


#2
 1,4-Dioxane
 Concen: 32.671 ng
 RT: 2.604 min Scan# 70
 Delta R.T. -0.024 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11



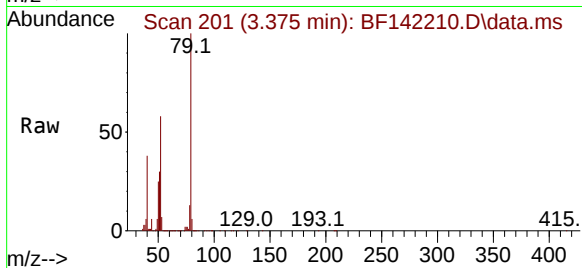
Tgt Ion: 88 Resp: 275984
 Ion Ratio Lower Upper
 88 100
 58 63.1 47.8 71.6
 43 23.9 17.8 26.8



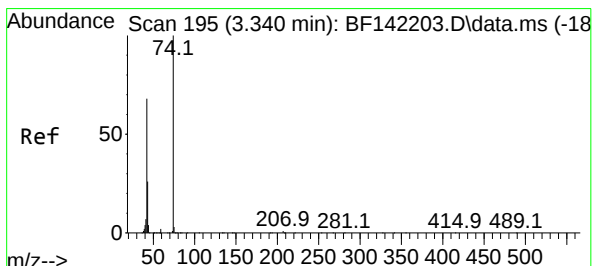
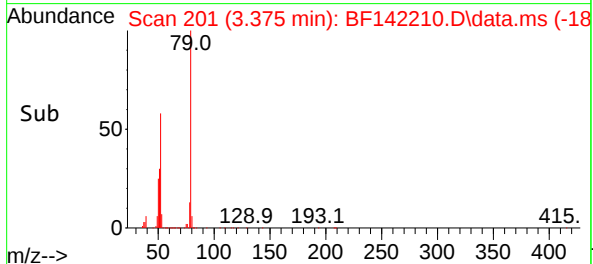
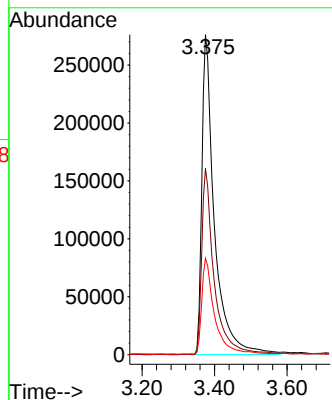


#3
Pyridine
Concen: 36.158 ng
RT: 3.375 min Scan# 203
Delta R.T. -0.012 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

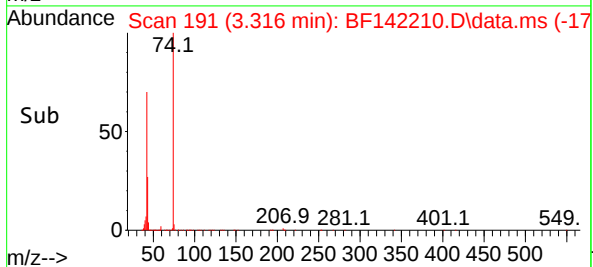
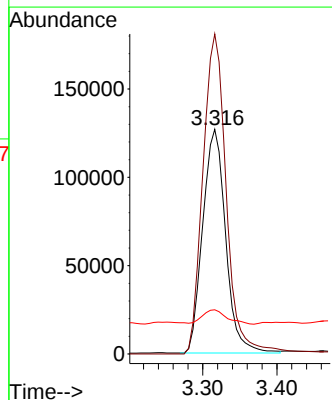
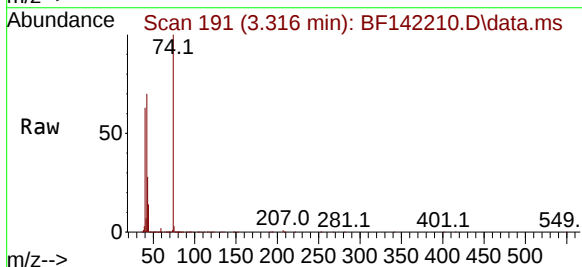


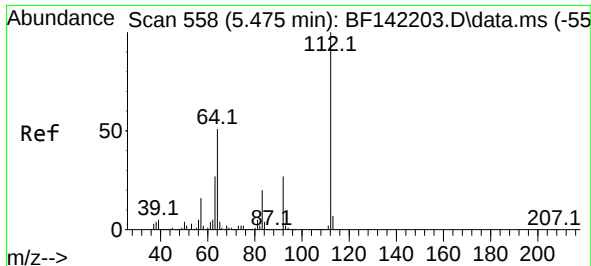
Tgt Ion: 79 Resp: 662955
Ion Ratio Lower Upper
79 100
52 58.2 45.8 68.8
51 30.1 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 36.623 ng
RT: 3.316 min Scan# 191
Delta R.T. -0.024 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 42 Resp: 272648
Ion Ratio Lower Upper
42 100
74 142.5 117.4 176.0
44 19.7 9.5 14.3

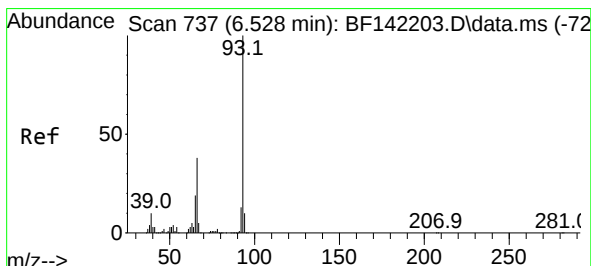
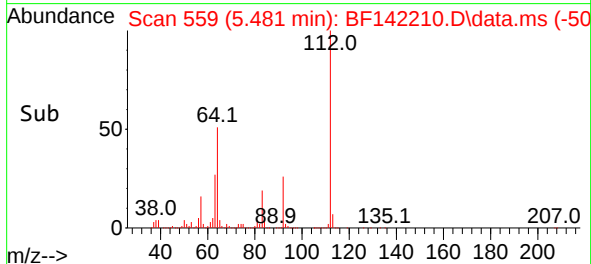
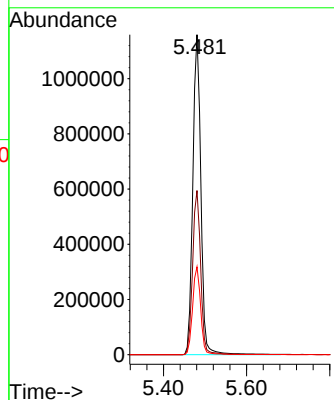
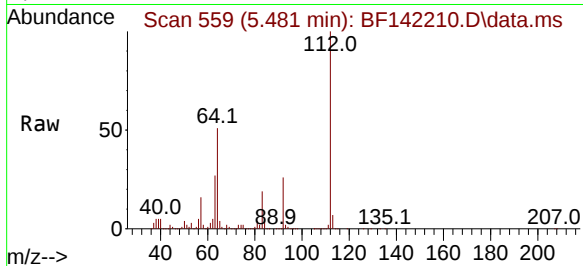




#5
2-Fluorophenol
Concen: 74.891 ng
RT: 5.481 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

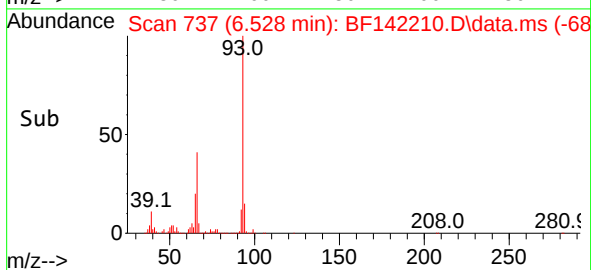
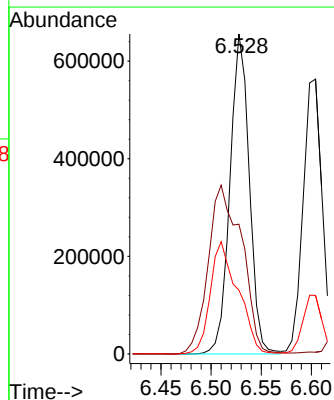
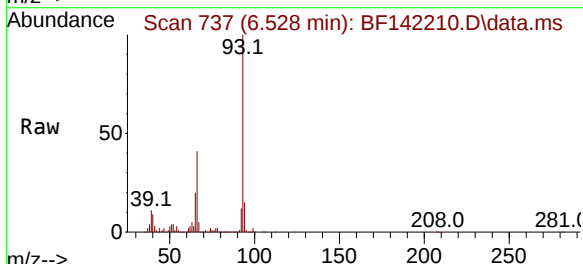
Instrument :
BNA_F
ClientSampleId :

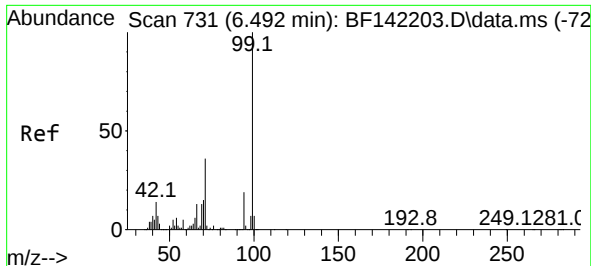
Tgt Ion:112 Resp: 1558515
Ion Ratio Lower Upper
112 100
64 51.3 40.9 61.3
63 27.5 22.0 33.0



#6
Aniline
Concen: 36.511 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 93 Resp: 878614
Ion Ratio Lower Upper
93 100
66 40.5 30.9 46.3
65 20.0 15.1 22.7





#7

Phenol-d6

Concen: 75.314 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

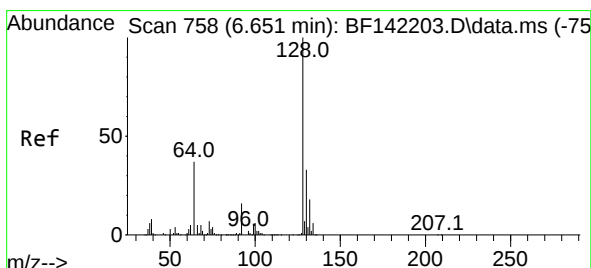
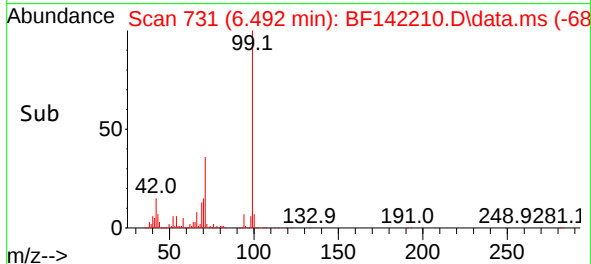
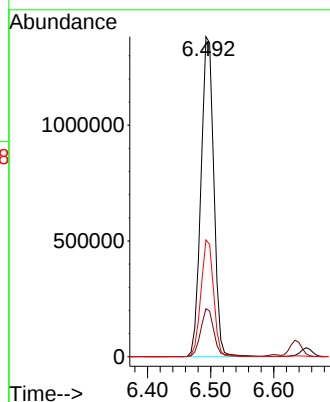
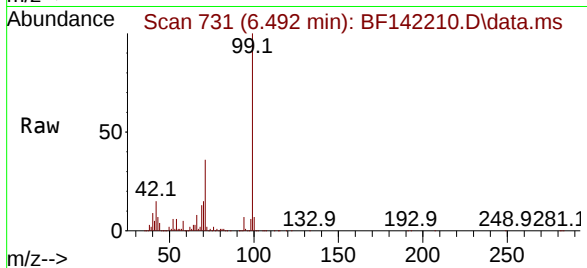
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1962826

Ion	Ratio	Lower	Upper
99	100		
42	15.0	11.5	17.3
71	36.5	28.6	42.8



#8

2-Chlorophenol

Concen: 37.088 ng

RT: 6.651 min Scan# 758

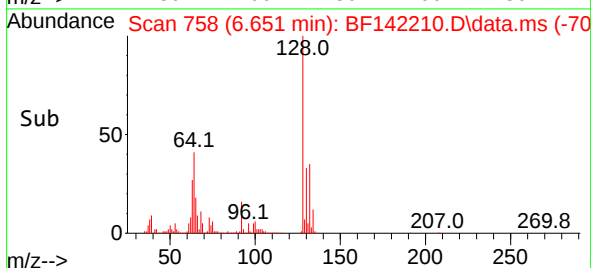
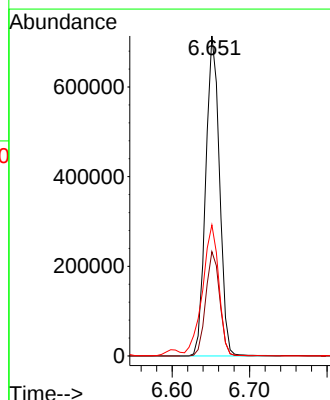
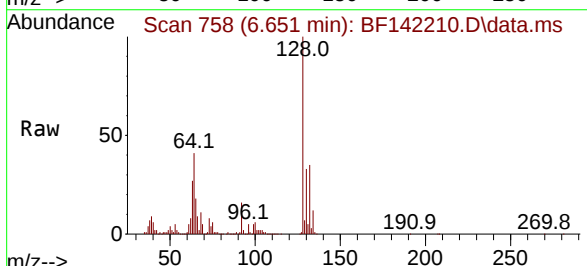
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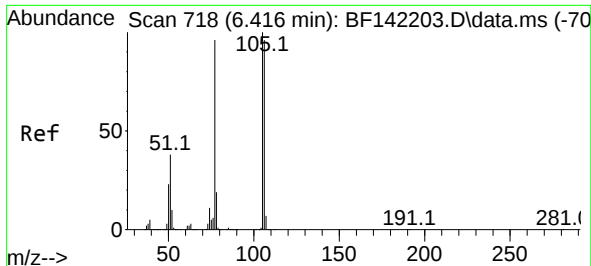
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:128 Resp: 883471

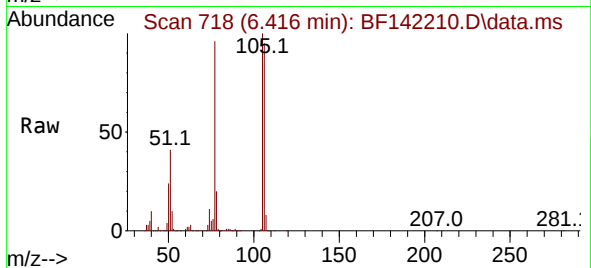
Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	41.0	18.8	58.8



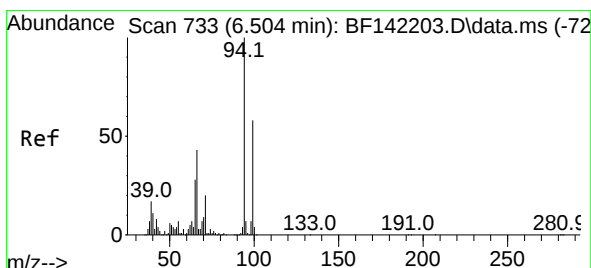
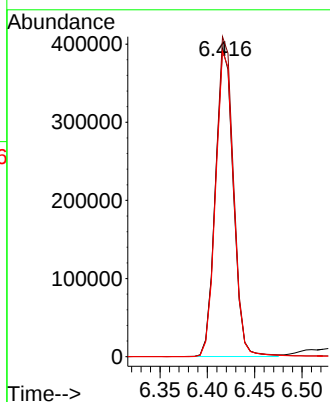
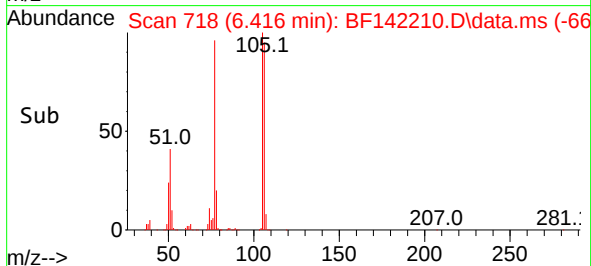


#9
Benzaldehyde
Concen: 36.234 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

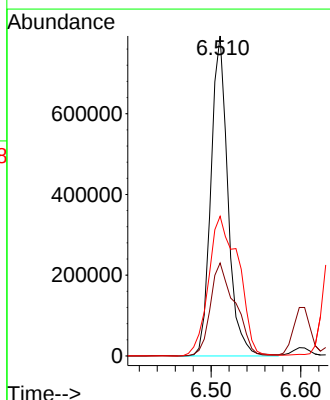
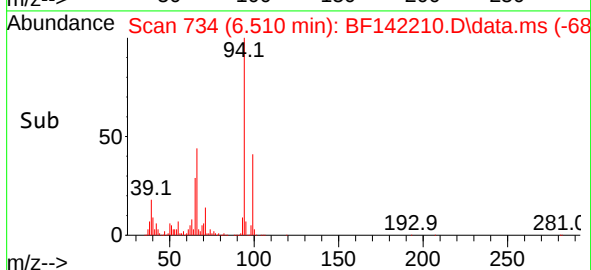
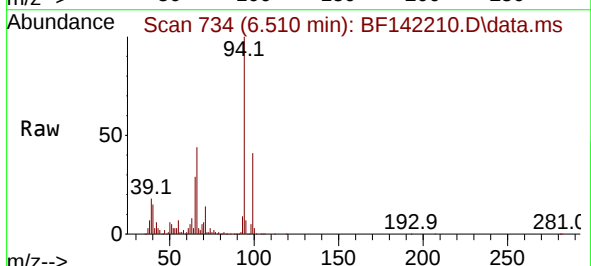


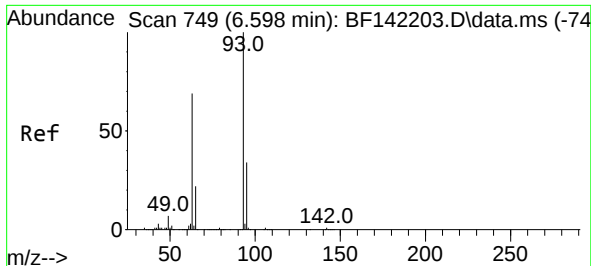
Tgt Ion: 77 Resp: 518470
Ion Ratio Lower Upper
77 100
105 103.8 84.4 124.4
106 99.1 80.3 120.3



#10
Phenol
Concen: 37.871 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion: 94 Resp: 1041021
Ion Ratio Lower Upper
94 100
65 29.1 8.1 48.1
66 43.6 22.7 62.7

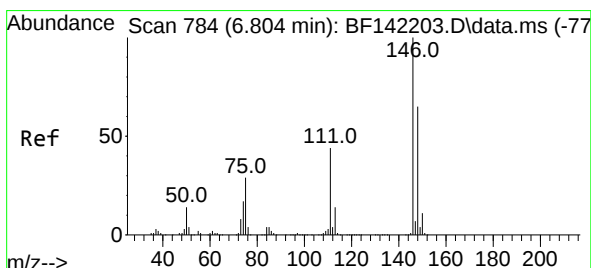
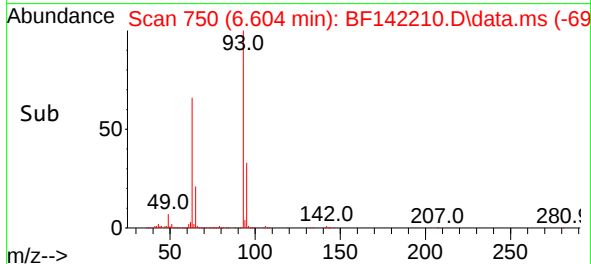
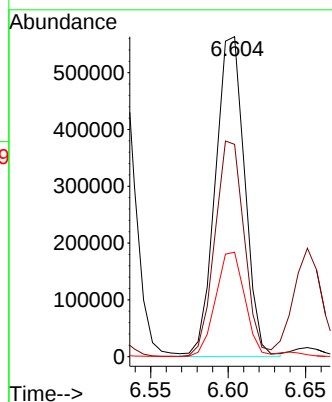
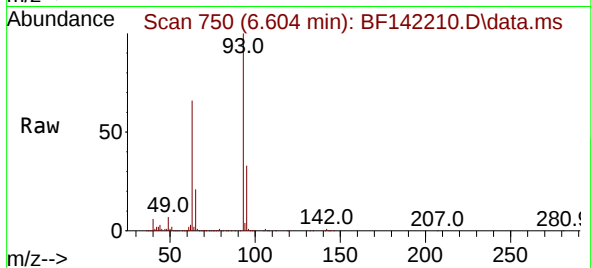




#11
bis(2-Chloroethyl)ether
Concen: 35.776 ng
RT: 6.604 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

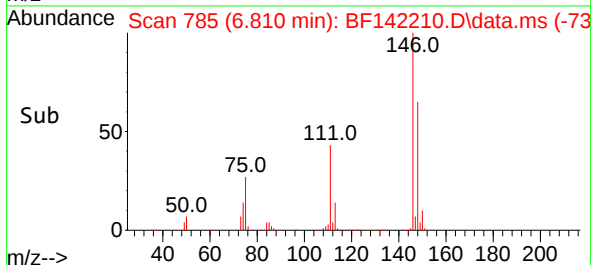
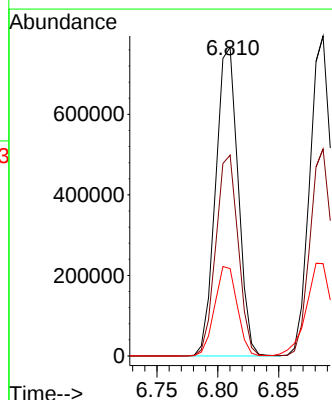
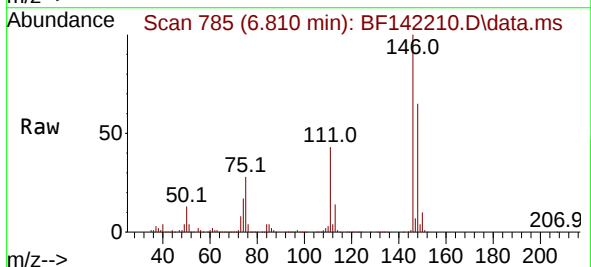
Instrument :
BNA_F
ClientSampleId :

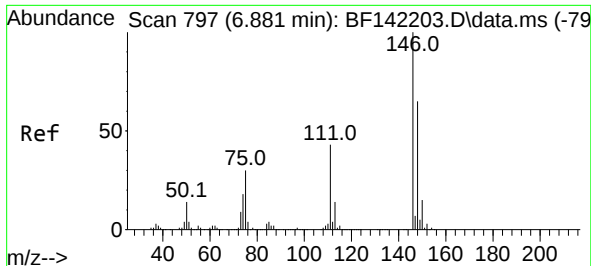
Tgt Ion: 93 Resp: 741628
Ion Ratio Lower Upper
93 100
63 66.4 47.9 87.9
95 32.7 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 36.527 ng
RT: 6.810 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:146 Resp: 986001
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 28.3 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 36.059 ng

RT: 6.886 min Scan# 797

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

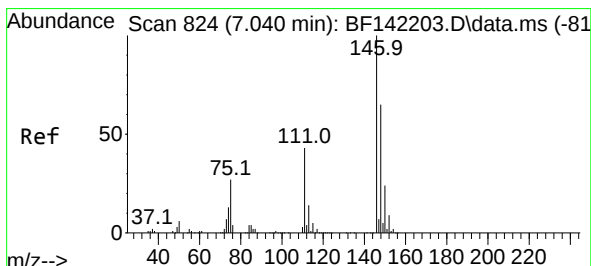
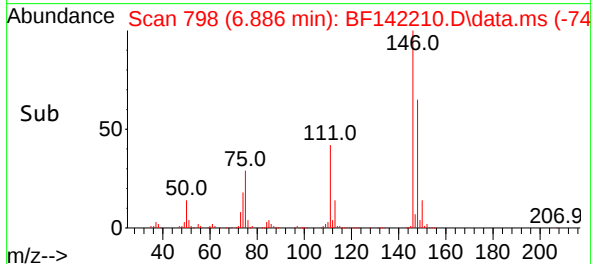
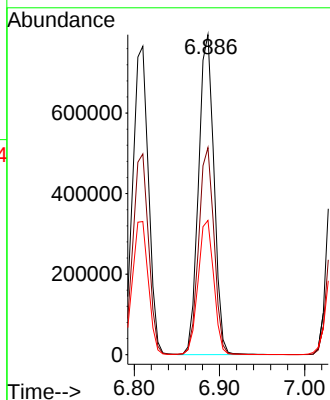
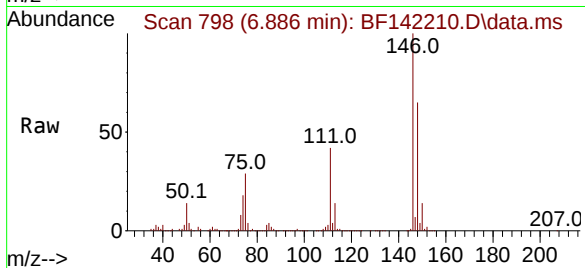
Tgt Ion:146 Resp: 998310

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

111 42.0 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 36.700 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

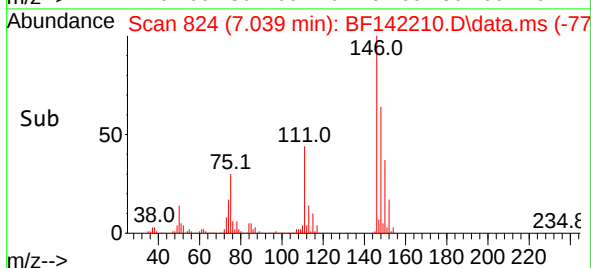
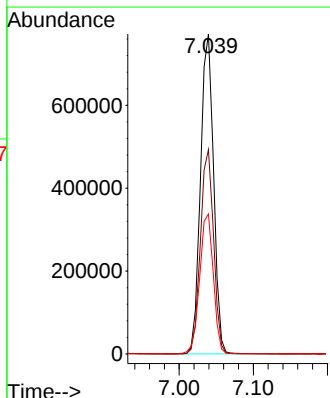
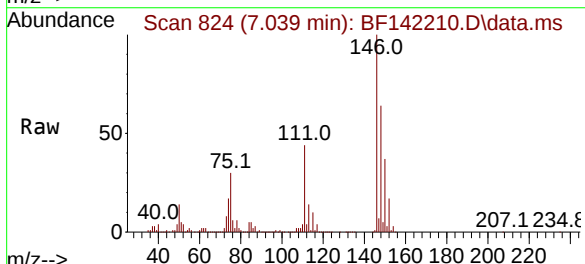
Tgt Ion:146 Resp: 945229

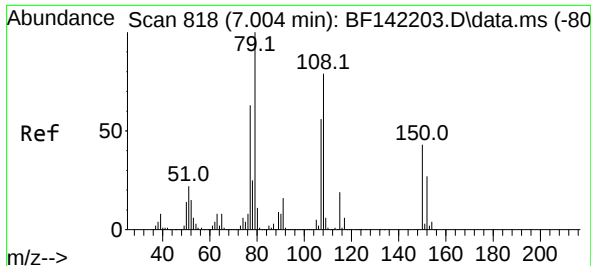
Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.4

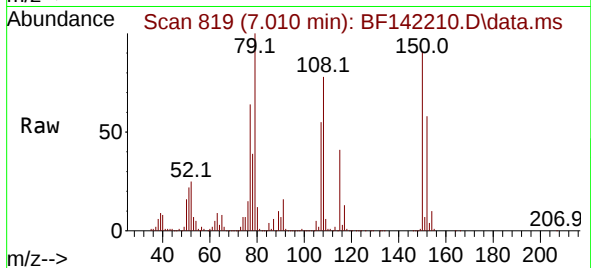
111 43.7 34.2 51.4



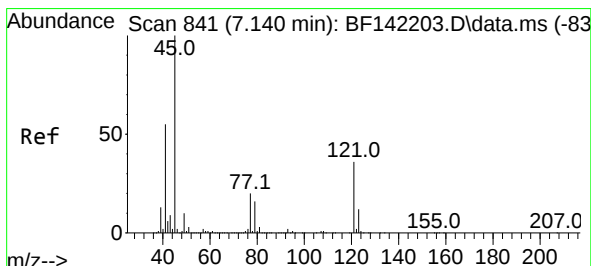
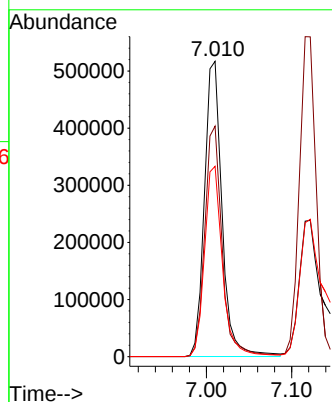
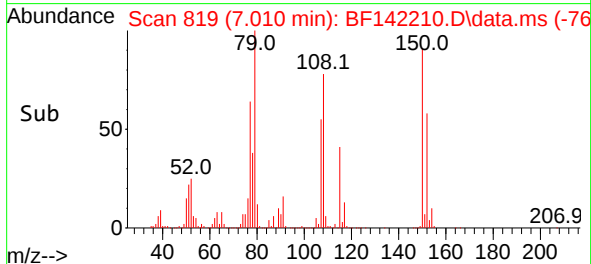


#15
Benzyl Alcohol
Concen: 39.068 ng
RT: 7.010 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

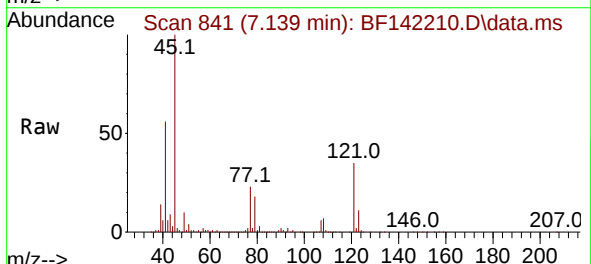
Instrument :
BNA_F
ClientSampleId :



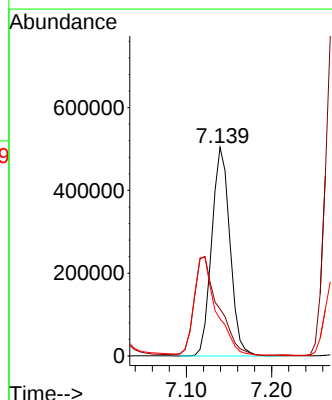
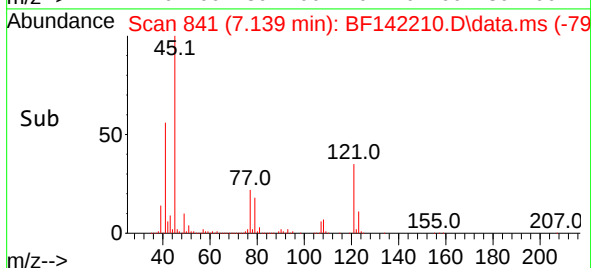
Tgt Ion: 79 Resp: 742392
Ion Ratio Lower Upper
79 100
108 78.1 63.1 94.7
77 64.4 50.6 76.0

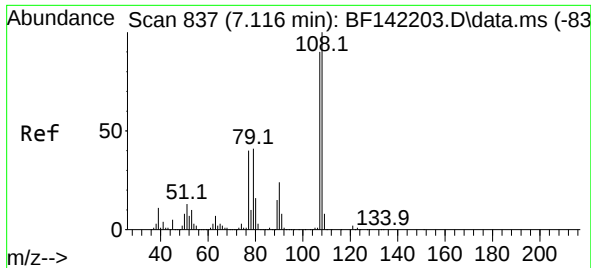


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.360 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



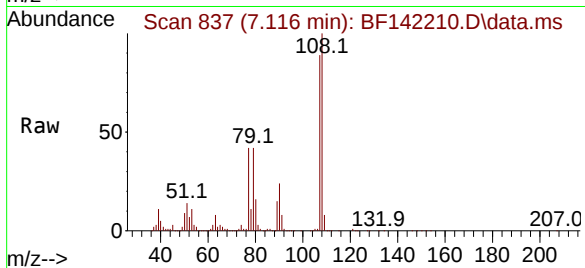
Tgt Ion: 45 Resp: 750685
Ion Ratio Lower Upper
45 100
77 22.6 1.4 41.4
79 17.8 0.0 36.7



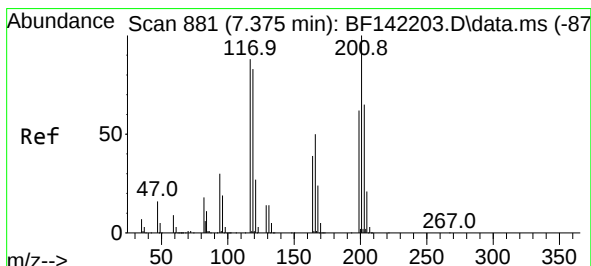
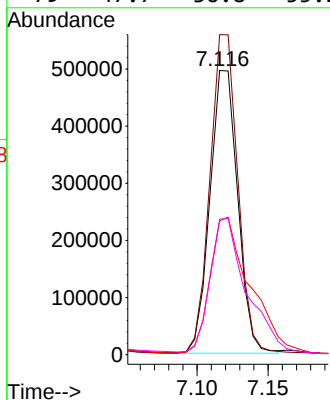
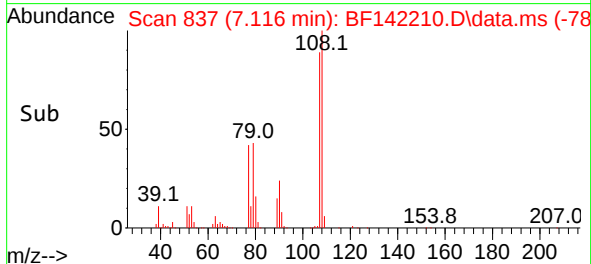


#17
2-Methylphenol
Concen: 37.564 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

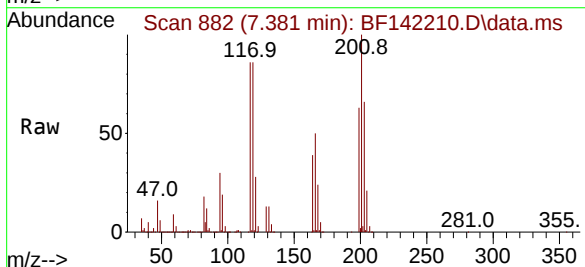
Instrument :
BNA_F
ClientSampleId :



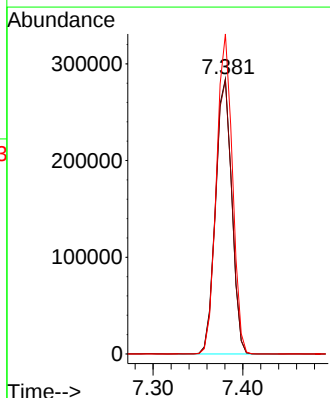
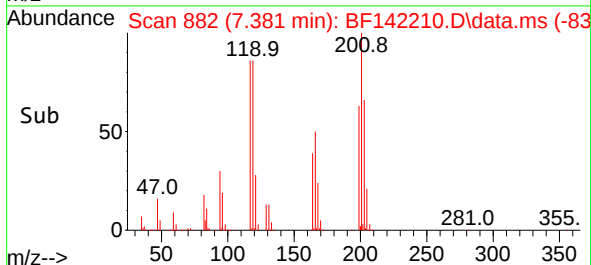
Tgt Ion:	107	Resp:	673463
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.2
77	47.1	36.3	54.5
79	47.7	36.8	55.2

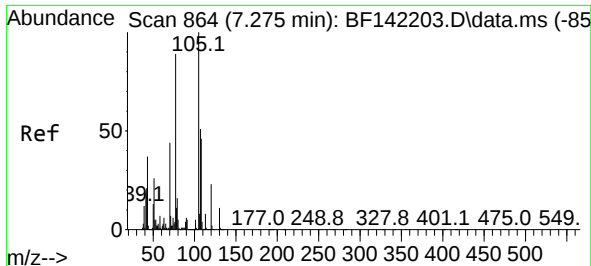


#18
Hexachloroethane
Concen: 38.106 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



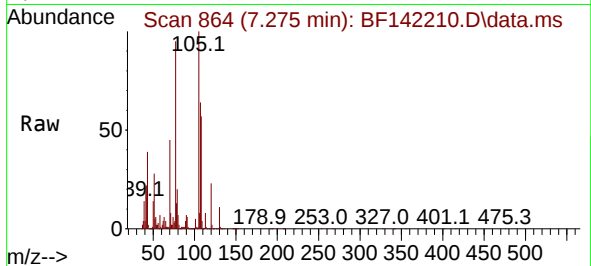
Tgt Ion:	117	Resp:	358394
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.8	113.8
201	116.3	91.4	137.0



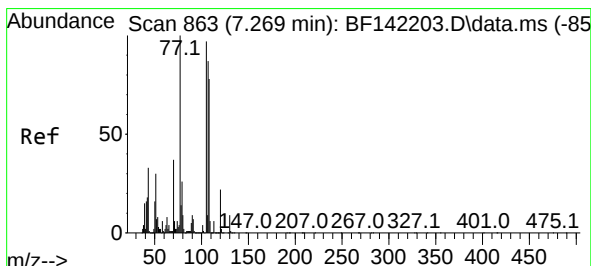
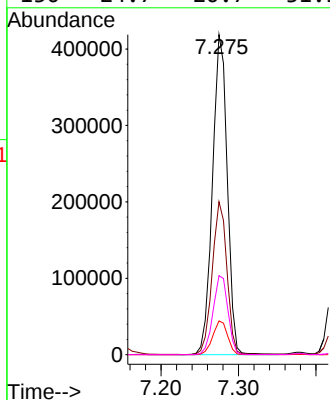
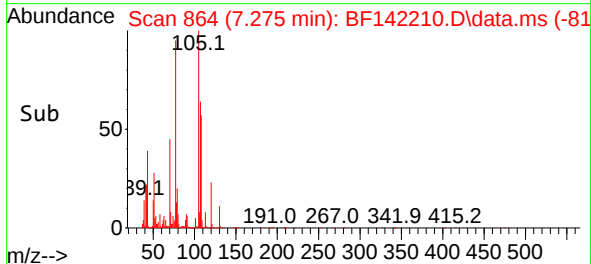


#19
n-Nitroso-di-n-propylamine
Concen: 37.824 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

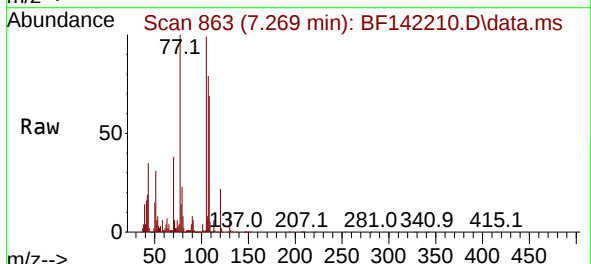
Instrument :
BNA_F
ClientSampleId :



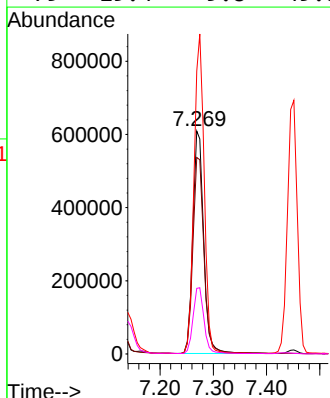
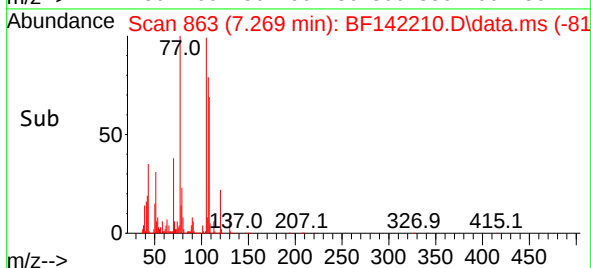
Tgt Ion: 70 Resp: 557433
Ion Ratio Lower Upper
70 100
42 47.8 37.4 56.0
101 10.6 8.6 13.0
130 24.7 20.7 31.1

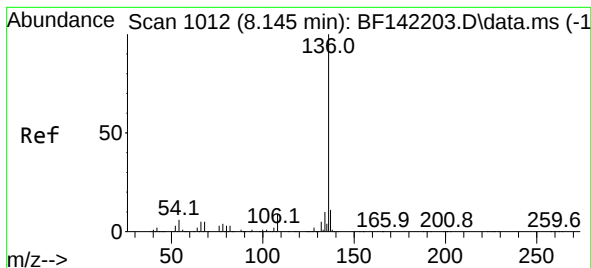


#20
3+4-Methylphenols
Concen: 38.755 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



Tgt Ion: 107 Resp: 864129
Ion Ratio Lower Upper
107 100
108 88.1 69.8 109.8
77 126.9 94.5 134.5
79 29.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 1490549

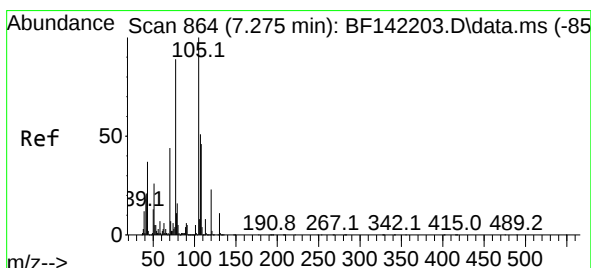
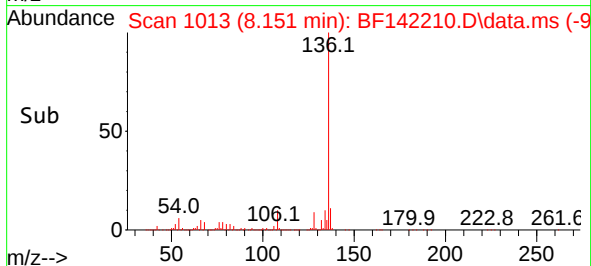
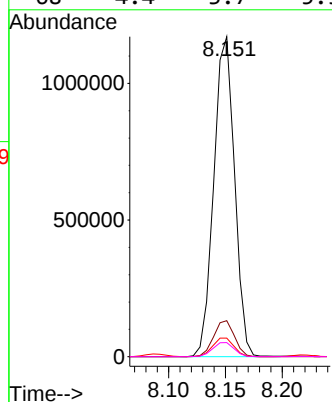
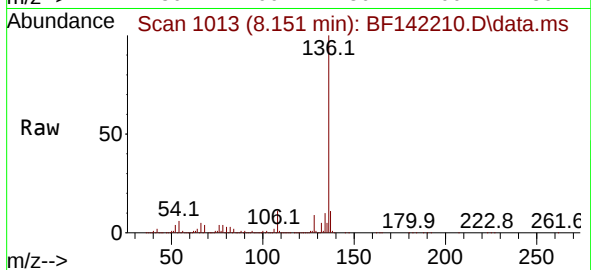
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 5.8 4.7 7.1

68 4.4 3.7 5.5



#22

Acetophenone

Concen: 36.660 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:105 Resp: 1199418

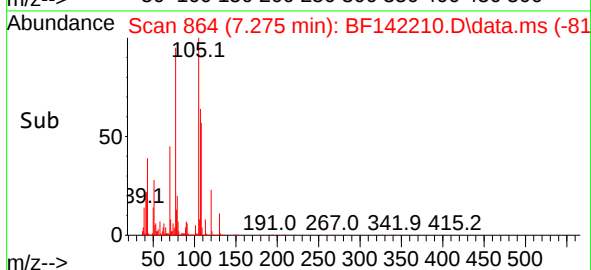
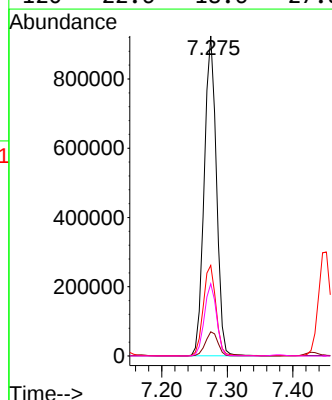
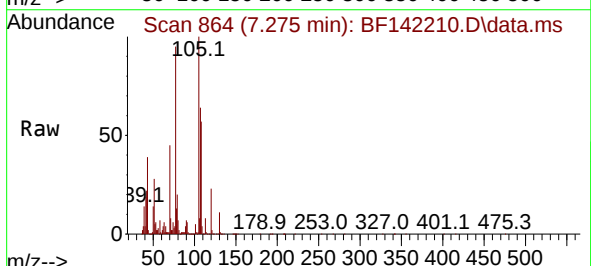
Ion Ratio Lower Upper

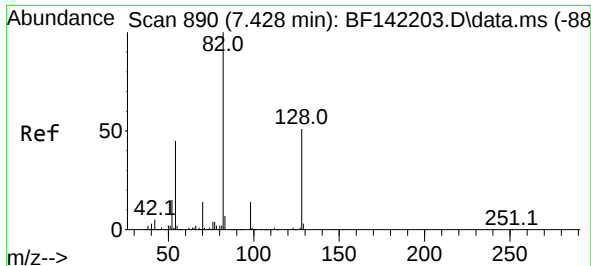
105 100

71 7.6 5.8 8.8

51 28.3 20.9 31.3

120 22.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 75.163 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

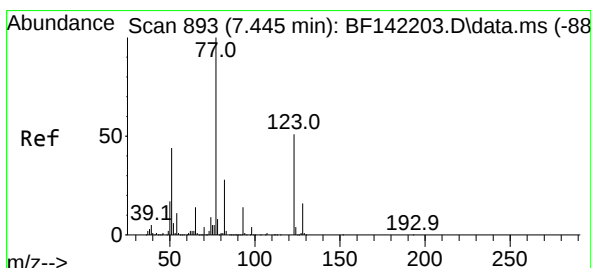
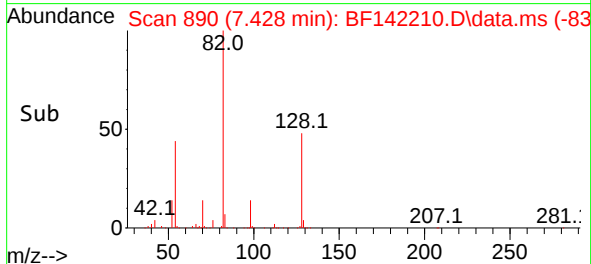
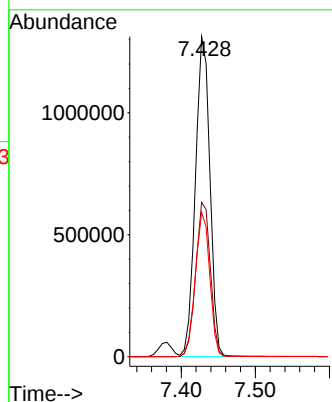
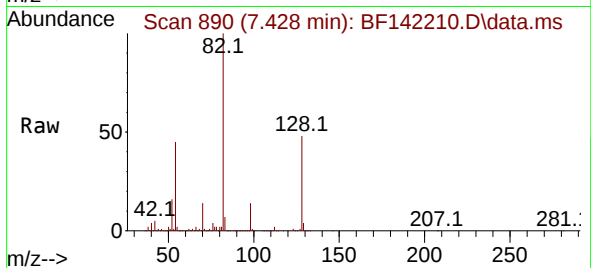
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1783908

Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	45.1	35.5	53.3



#24

Nitrobenzene

Concen: 37.715 ng

RT: 7.451 min Scan# 894

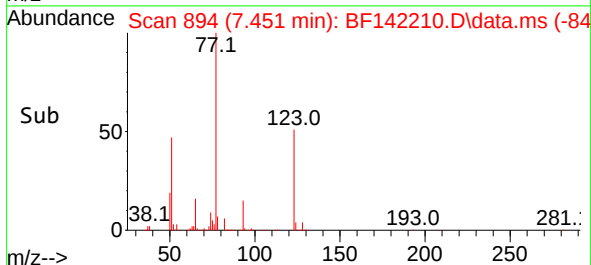
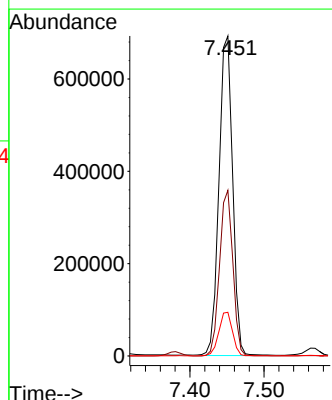
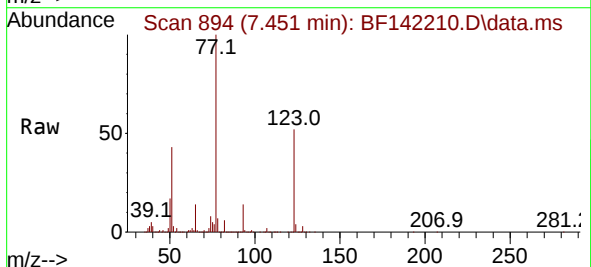
Delta R.T. 0.006 min

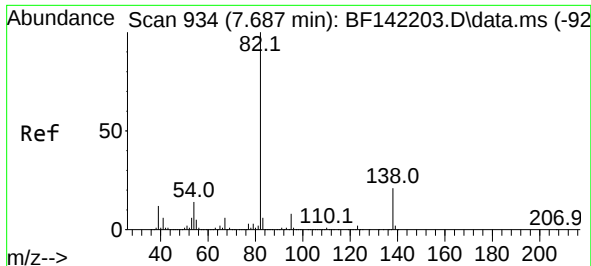
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion: 77 Resp: 886795

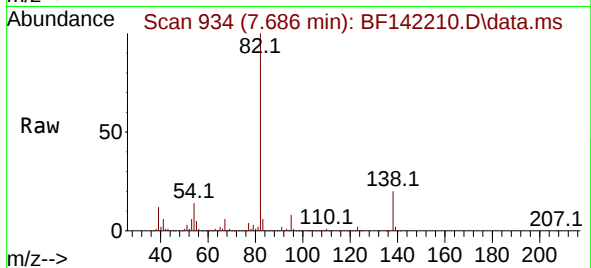
Ion	Ratio	Lower	Upper
77	100		
123	51.7	40.7	61.1
65	13.6	10.9	16.3



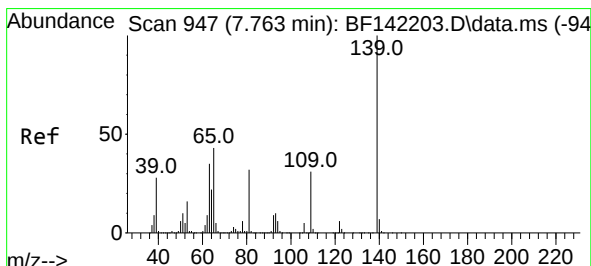
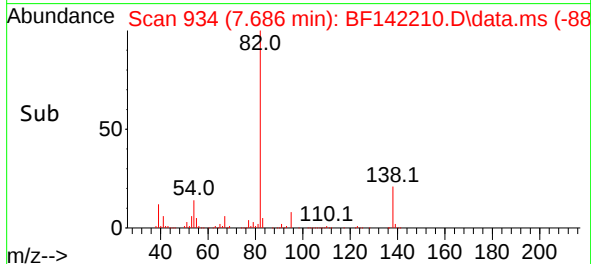
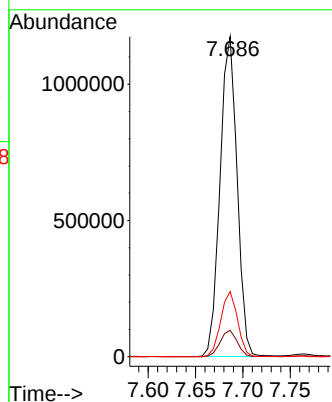


#25
Isophorone
Concen: 37.070 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

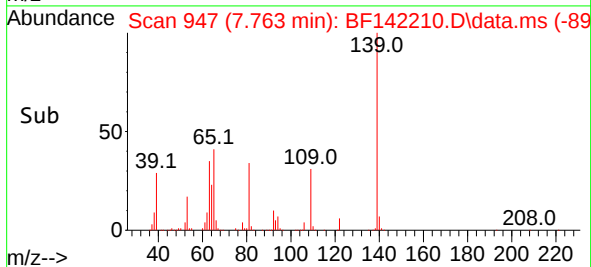
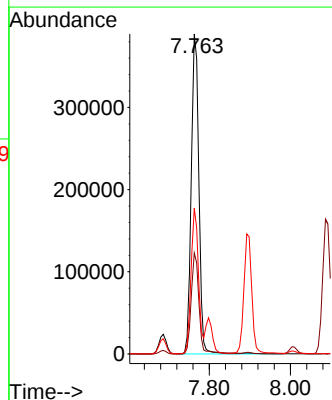
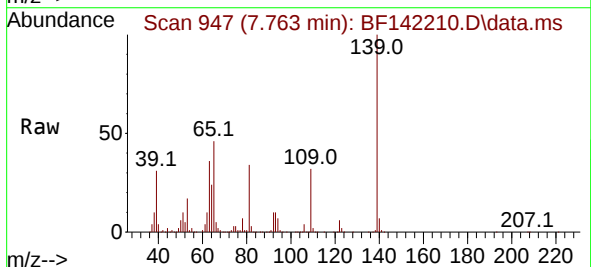


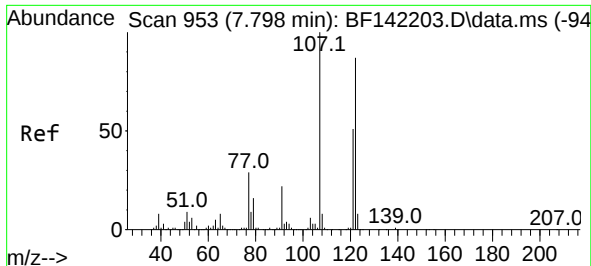
Tgt Ion: 82 Resp: 1476859
Ion Ratio Lower Upper
82 100
95 8.3 6.5 9.7
138 20.3 16.9 25.3



#26
2-Nitrophenol
Concen: 41.069 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

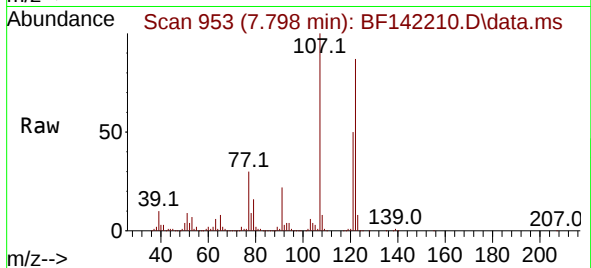
Tgt Ion:139 Resp: 507591
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 45.6 34.2 51.2



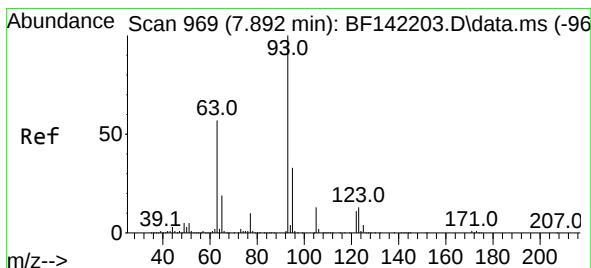
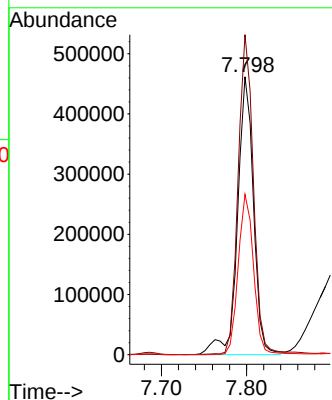
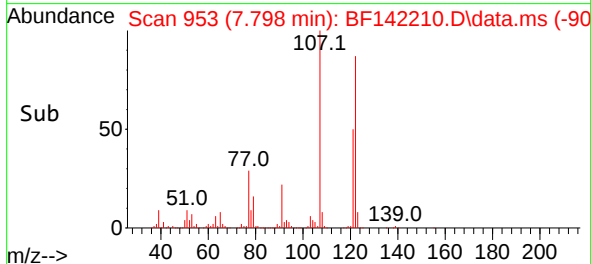


#27
2,4-Dimethylphenol
Concen: 37.473 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

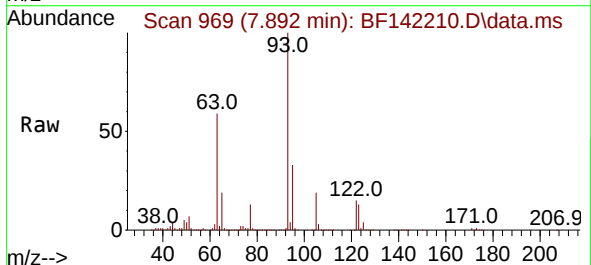
Instrument :
BNA_F
ClientSampleId :



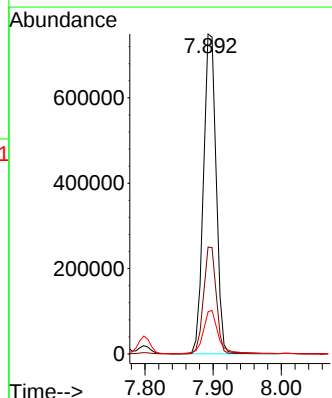
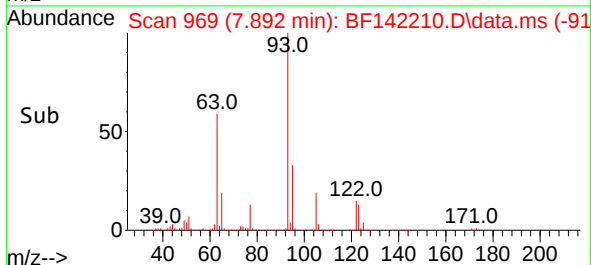
Tgt Ion:122 Resp: 602202
Ion Ratio Lower Upper
122 100
107 115.1 91.6 137.4
121 57.7 46.7 70.1

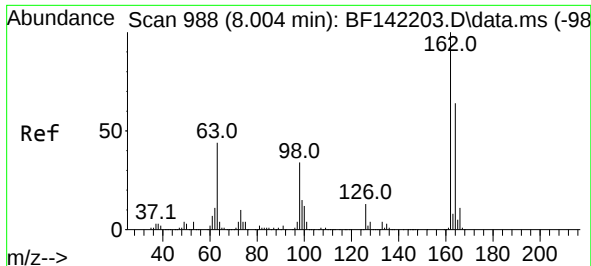


#28
bis(2-Chloroethoxy)methane
Concen: 37.162 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



Tgt Ion: 93 Resp: 971684
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 13.2 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 36.435 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

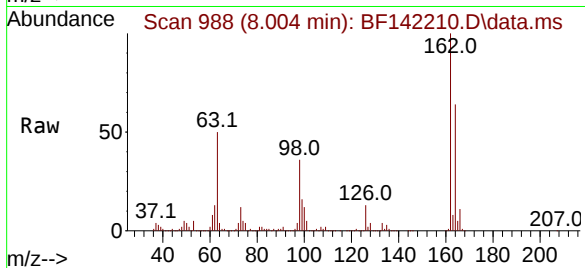
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :



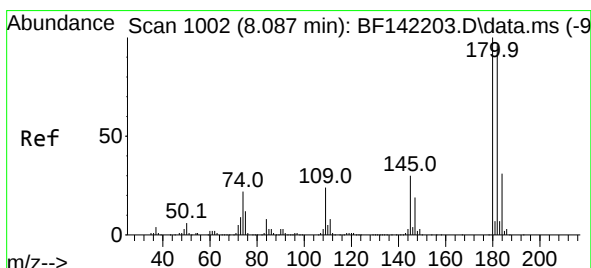
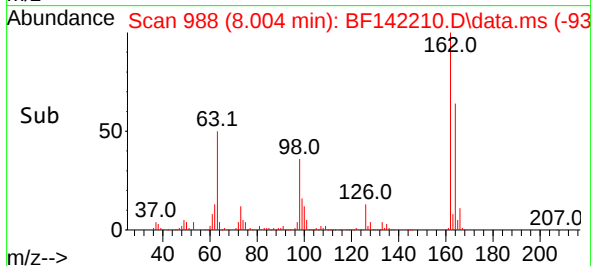
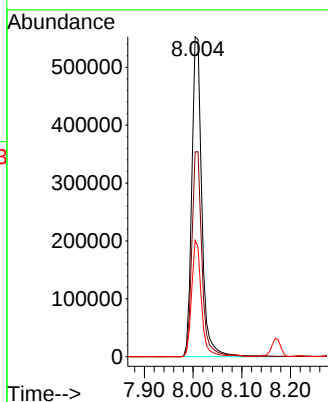
Tgt Ion:162 Resp: 796342

Ion Ratio Lower Upper

162 100

164 64.0 44.2 84.2

98 36.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 35.763 ng

RT: 8.092 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

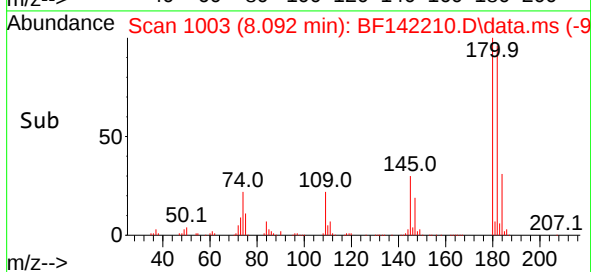
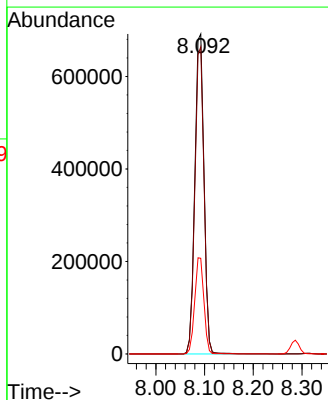
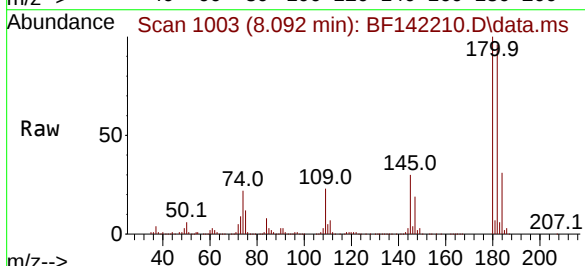
Tgt Ion:180 Resp: 914103

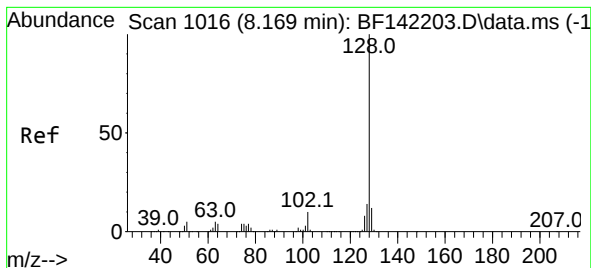
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

145 29.9 24.3 36.5





#31

Naphthalene

Concen: 37.907 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

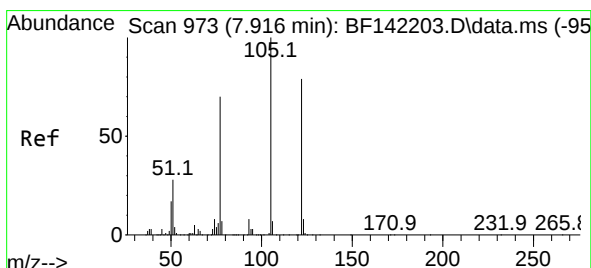
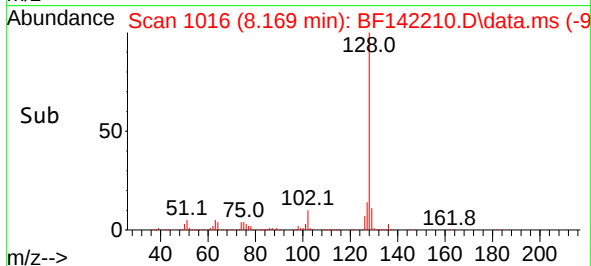
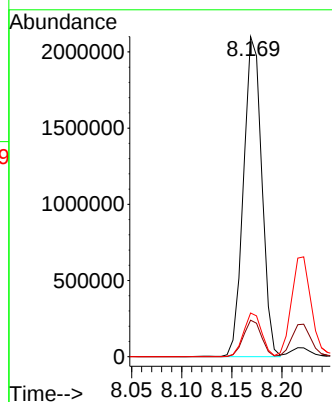
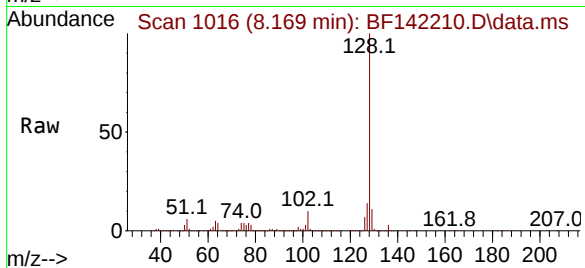
Tgt Ion:128 Resp: 2669065

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

127 13.6 11.4 17.0



#32

Benzoic acid

Concen: 34.933 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

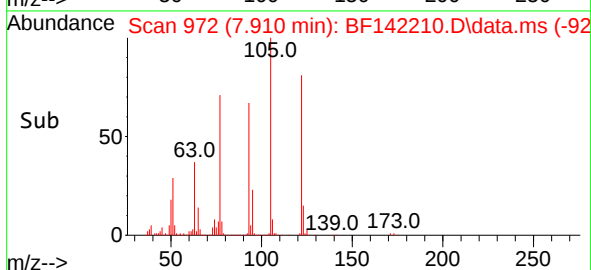
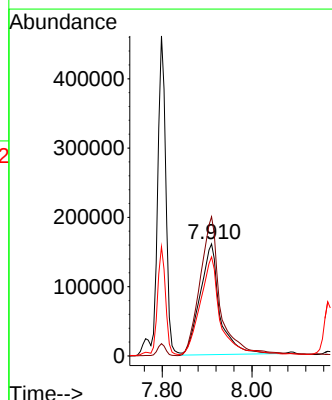
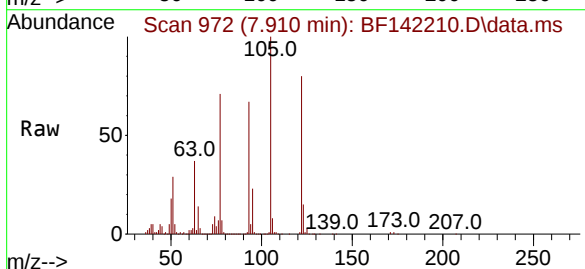
Tgt Ion:122 Resp: 486450

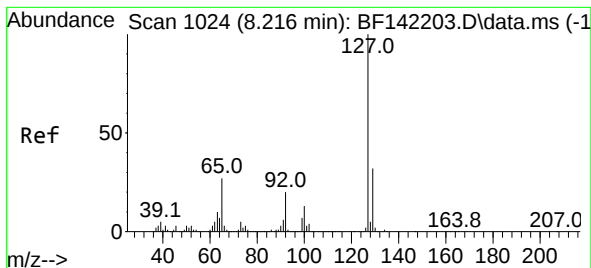
Ion Ratio Lower Upper

122 100

105 124.3 101.5 141.5

77 88.4 66.6 106.6





#33

4-Chloroaniline

Concen: 36.096 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 920273

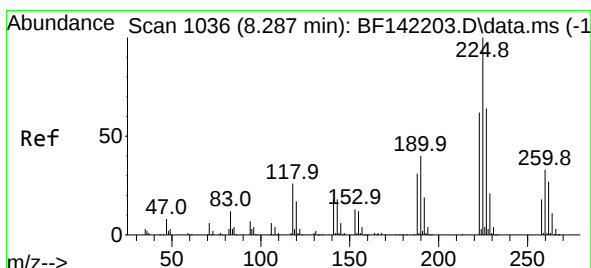
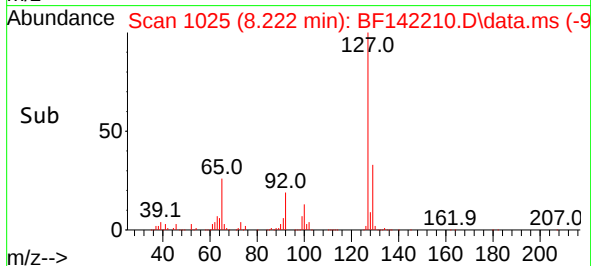
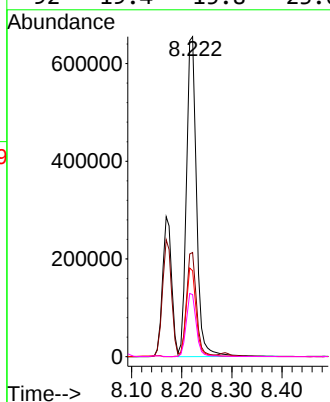
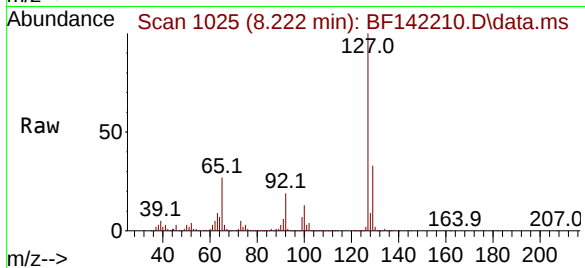
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.8 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 35.751 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

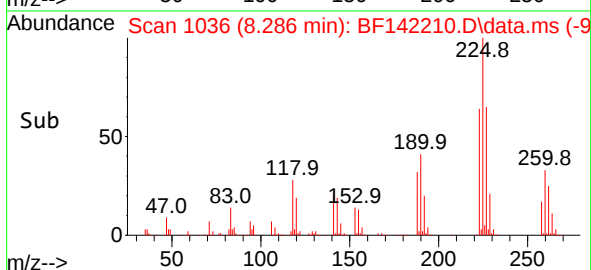
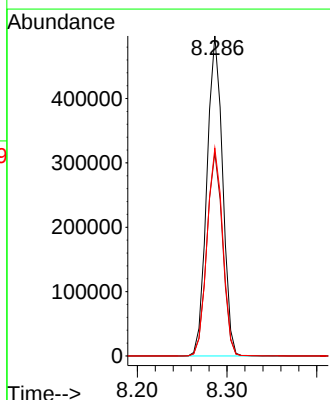
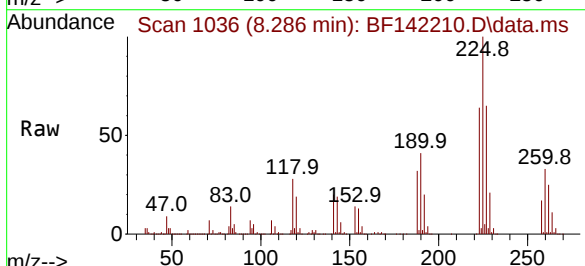
Tgt Ion:225 Resp: 603040

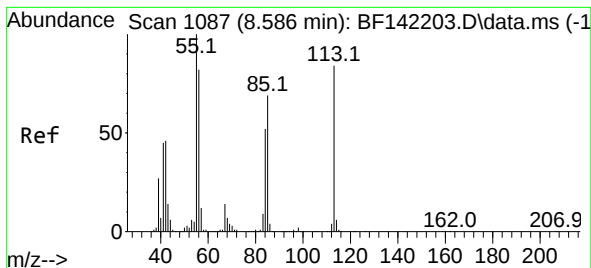
Ion Ratio Lower Upper

225 100

223 63.5 49.4 74.2

227 64.9 51.4 77.2





#35

Caprolactam

Concen: 37.336 ng

RT: 8.580 min Scan# 1106

Delta R.T. -0.006 min

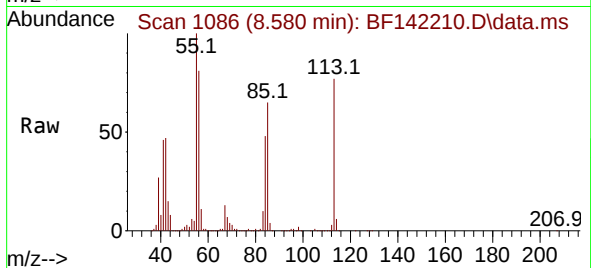
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :



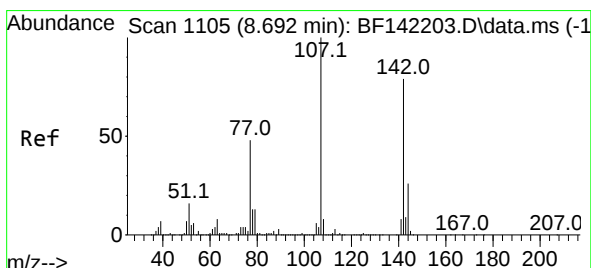
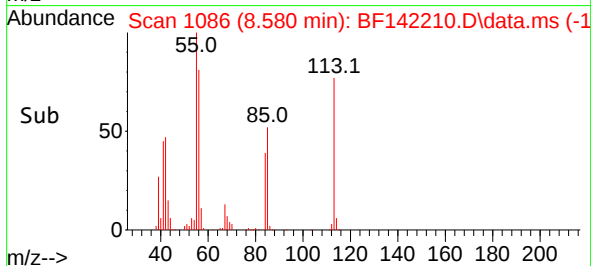
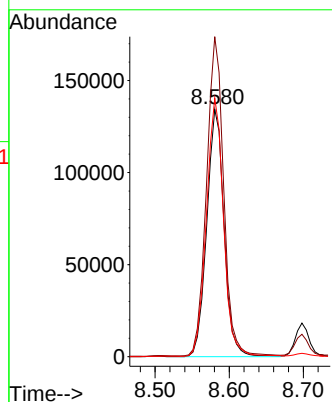
Tgt Ion:113 Resp: 217693

Ion Ratio Lower Upper

113 100

55 129.3 99.5 139.5

56 104.5 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 36.765 ng

RT: 8.698 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

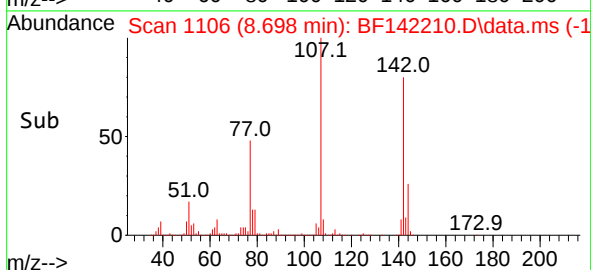
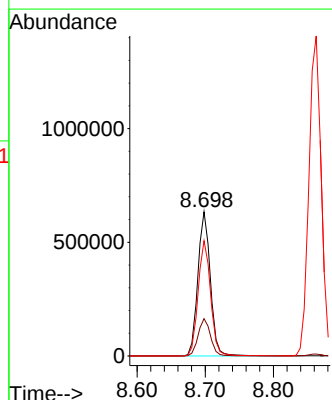
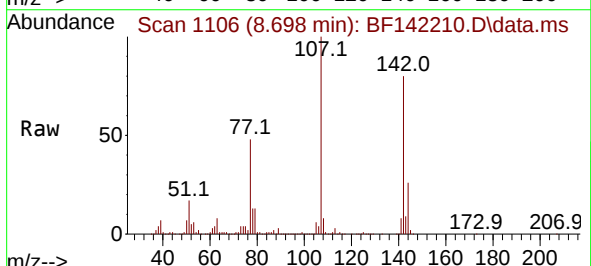
Tgt Ion:107 Resp: 808893

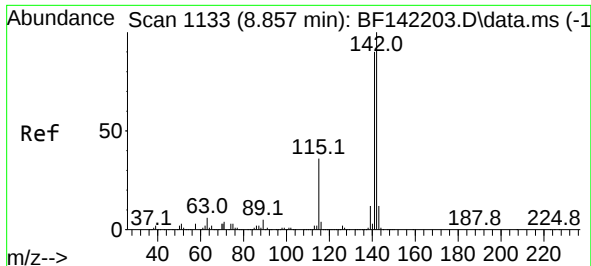
Ion Ratio Lower Upper

107 100

144 25.9 20.6 30.8

142 79.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 36.404 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

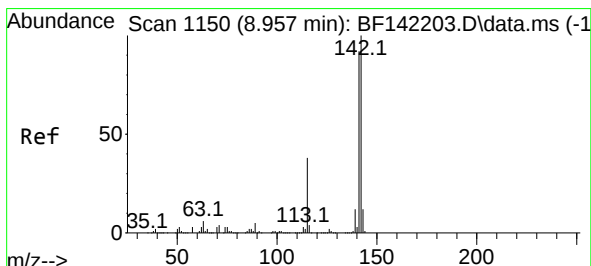
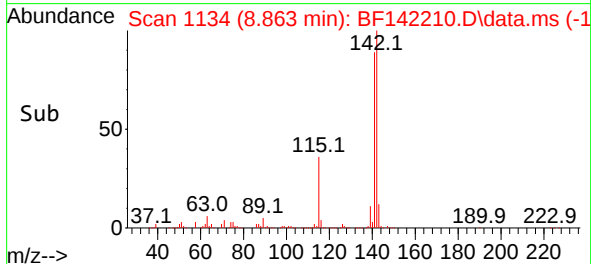
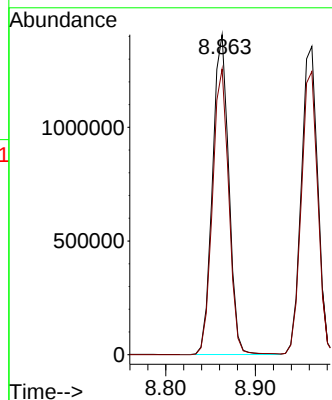
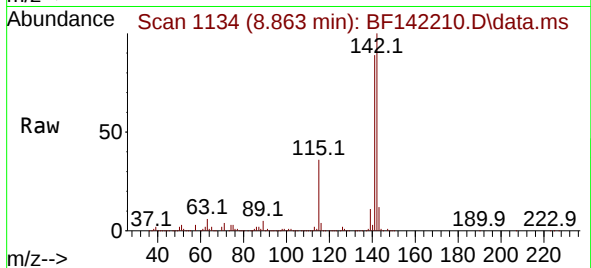
ClientSampleId :

Tgt Ion:142 Resp: 1771486

Ion Ratio Lower Upper

142 100

141 89.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 36.518 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142210.D

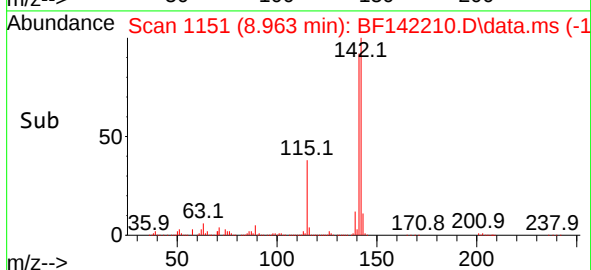
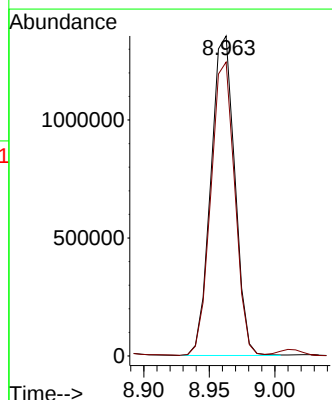
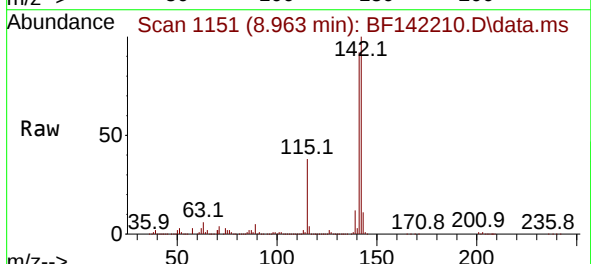
Acq: 22 Apr 2025 14:11

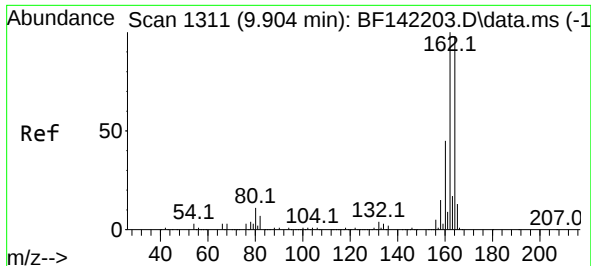
Tgt Ion:142 Resp: 1720573

Ion Ratio Lower Upper

142 100

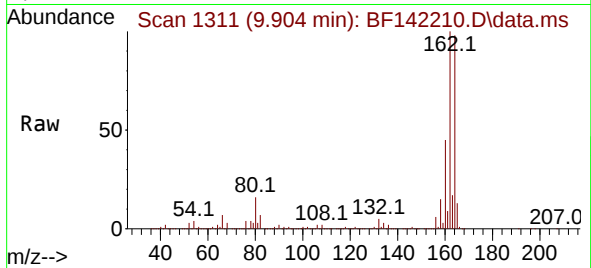
141 91.8 73.3 109.9



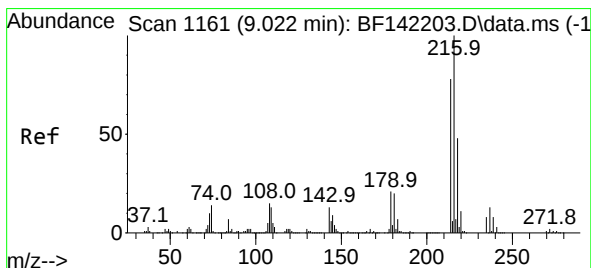
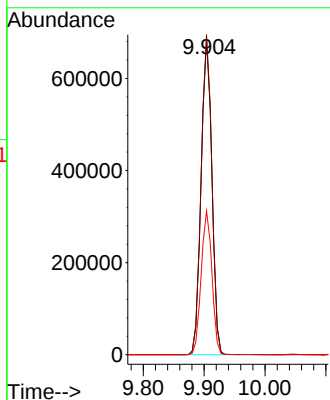
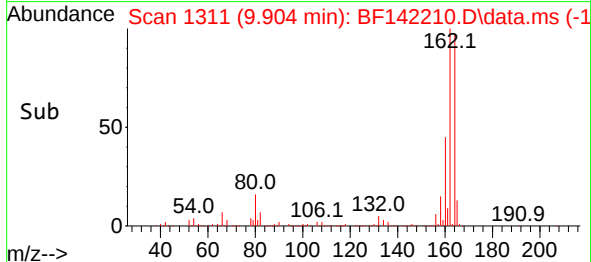


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

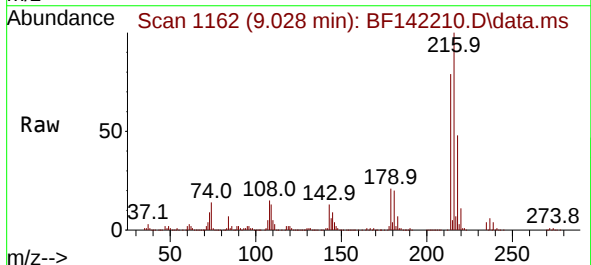
Instrument :
BNA_F
ClientSampleId :



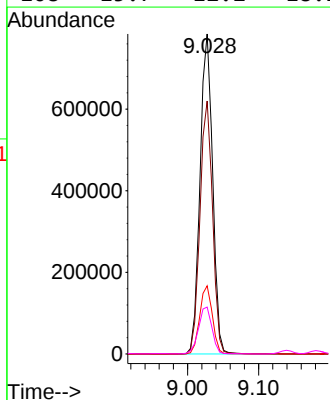
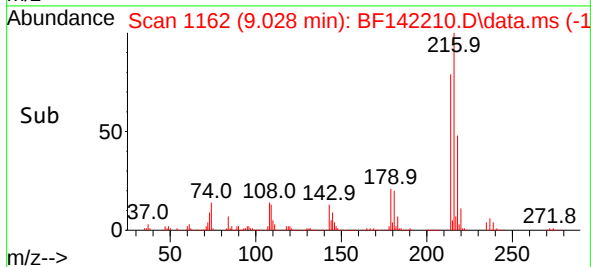
Tgt Ion:164 Resp: 837728
Ion Ratio Lower Upper
164 100
162 101.6 81.9 122.9
160 45.7 36.8 55.2

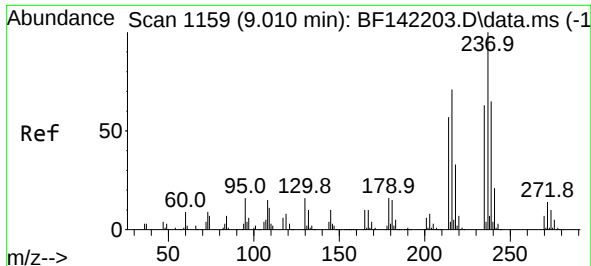


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.356 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



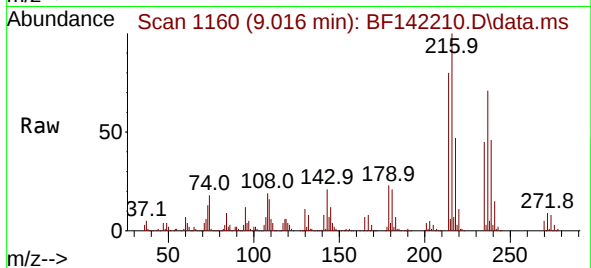
Tgt Ion:216 Resp: 969124
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 21.4 16.7 25.1
108 15.7 12.2 18.2



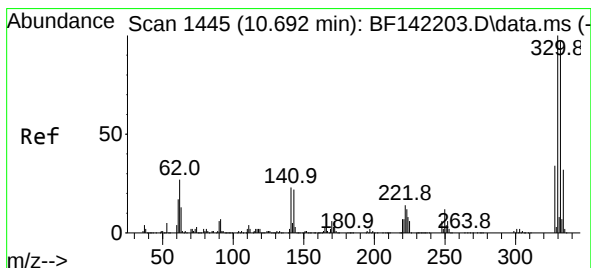
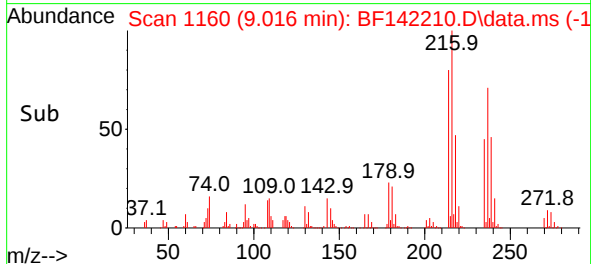
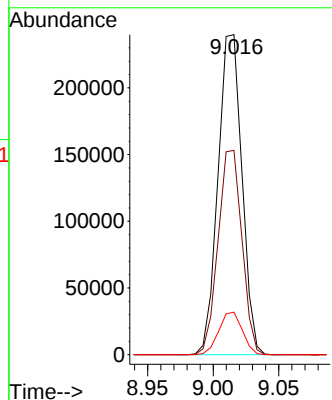


#41
Hexachlorocyclopentadiene
Concen: 36.256 ng
RT: 9.016 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

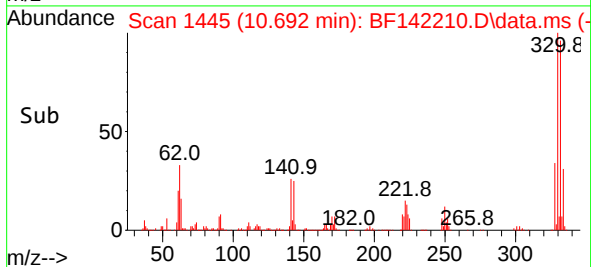
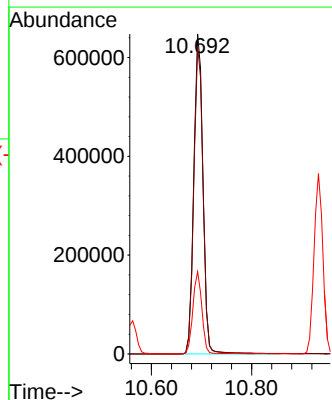
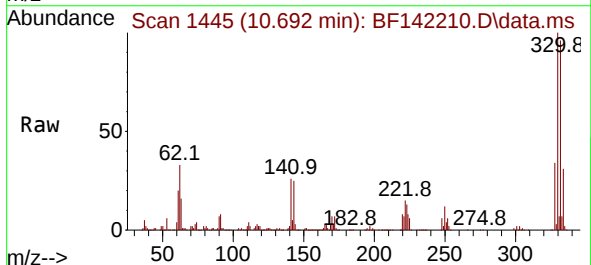


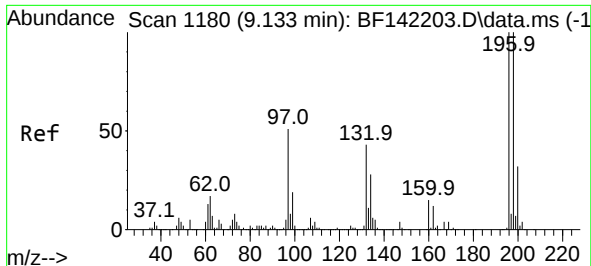
Tgt Ion:237 Resp: 304734
Ion Ratio Lower Upper
237 100
235 63.9 42.6 82.6
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 71.855 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:330 Resp: 823026
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 25.1 18.9 28.3

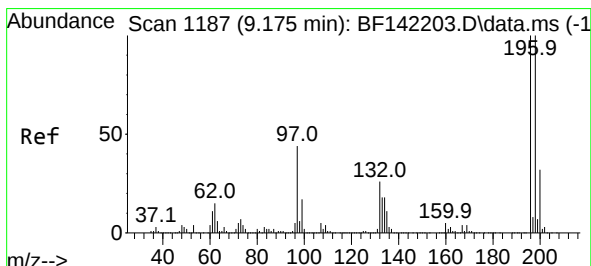
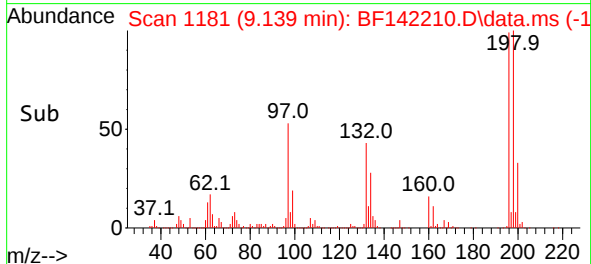
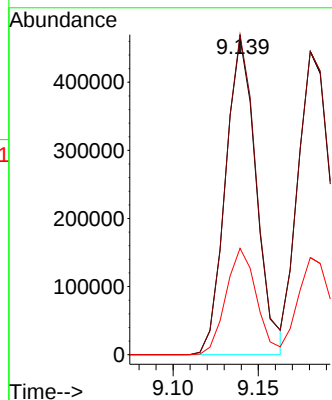
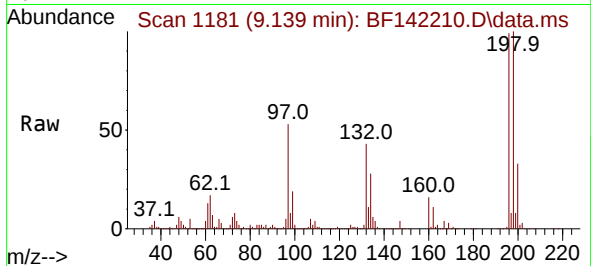




#43
2,4,6-Trichlorophenol
Concen: 36.328 ng
RT: 9.139 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

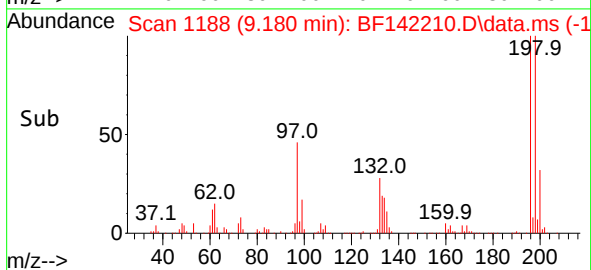
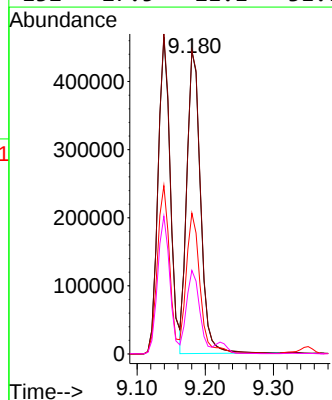
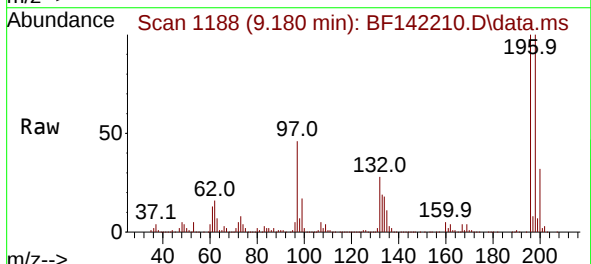
Instrument :
BNA_F
ClientSampleId :

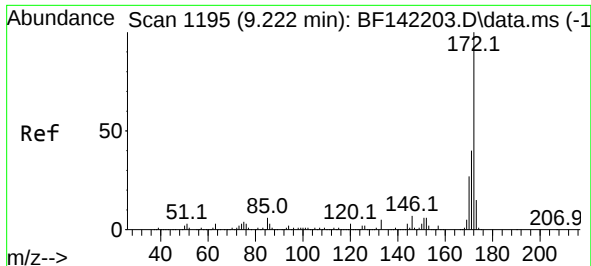
Tgt Ion:196 Resp: 581348
Ion Ratio Lower Upper
196 100
198 101.0 80.0 120.0
200 33.6 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 35.813 ng
RT: 9.180 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

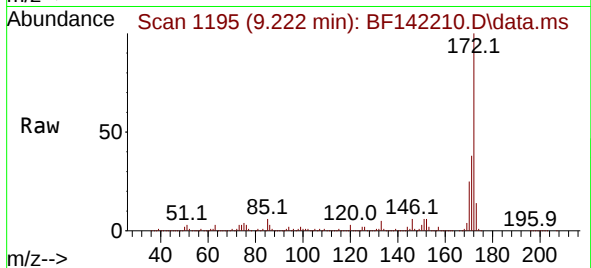
Tgt Ion:196 Resp: 614311
Ion Ratio Lower Upper
196 100
198 100.0 80.0 120.0
97 46.4 35.9 53.9
132 27.5 21.1 31.7



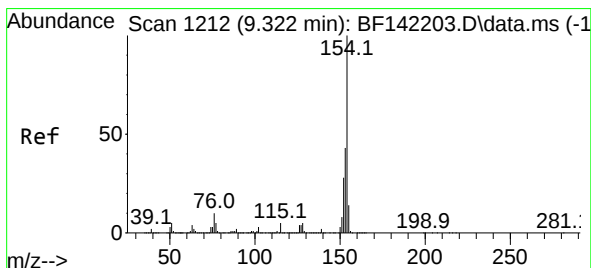
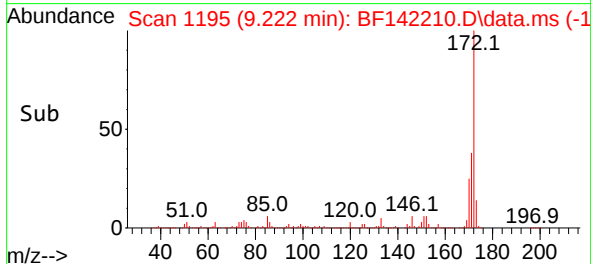
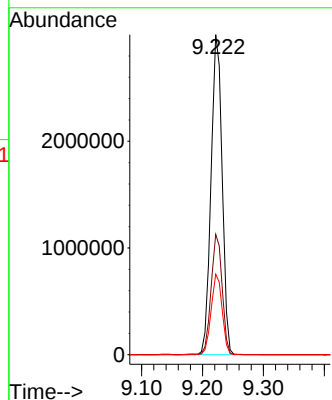


#45
2-Fluorobiphenyl
Concen: 73.874 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

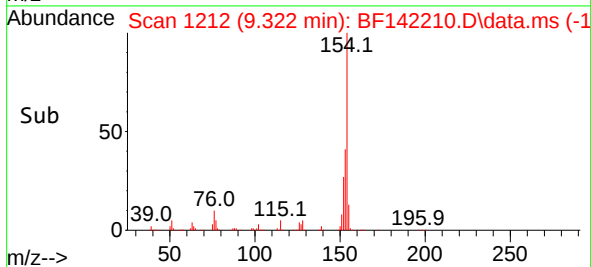
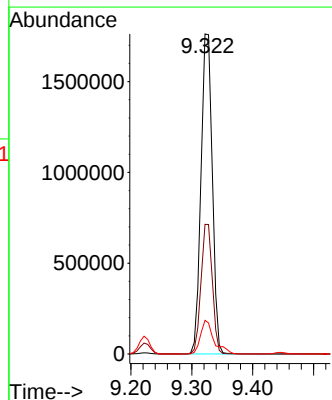
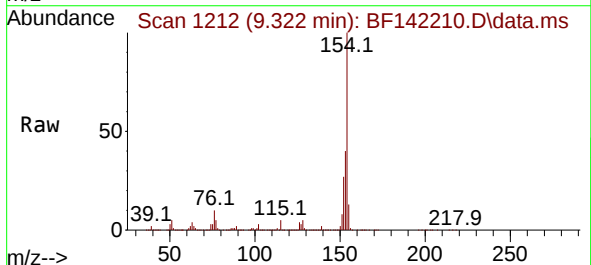


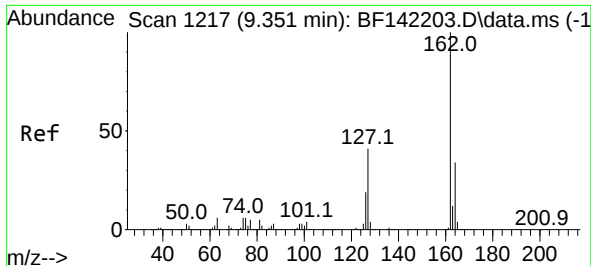
Tgt Ion:172 Resp: 3796882
Ion Ratio Lower Upper
172 100
171 37.6 32.1 48.1
170 25.2 21.4 32.0



#46
1,1'-Biphenyl
Concen: 37.780 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:154 Resp: 2269501
Ion Ratio Lower Upper
154 100
153 40.5 22.5 62.5
76 10.5 0.0 30.4





#47

2-Chloronaphthalene

Concen: 36.402 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

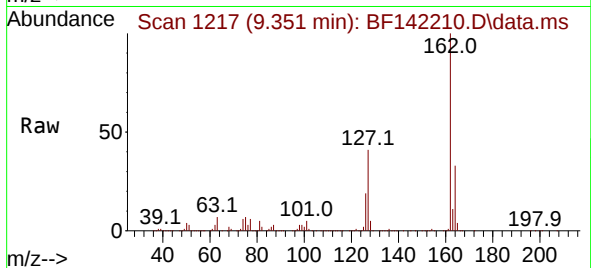
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :



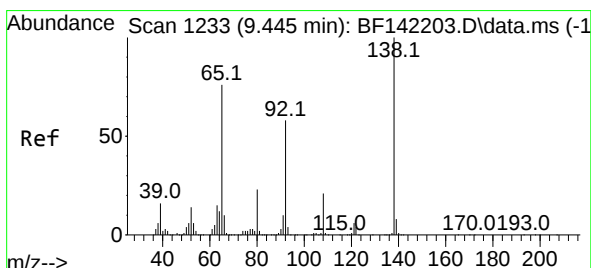
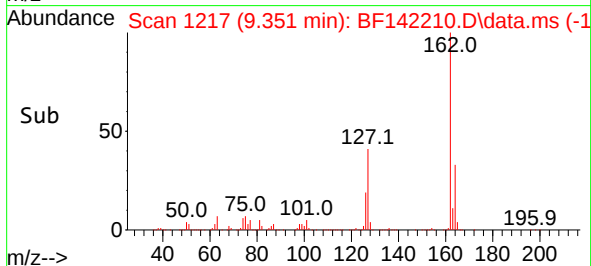
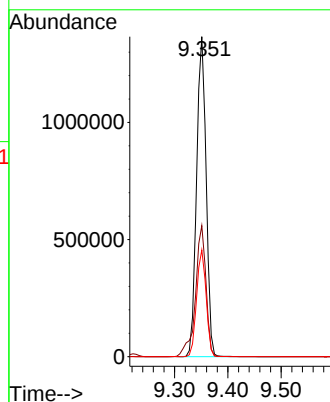
Tgt Ion:162 Resp: 1697350

Ion Ratio Lower Upper

162 100

127 40.9 33.1 49.7

164 33.4 27.1 40.7



#48

2-Nitroaniline

Concen: 38.865 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

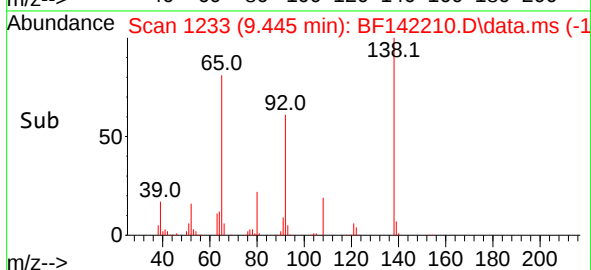
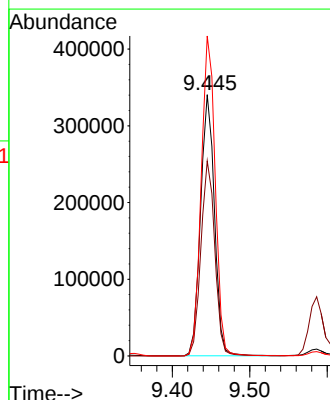
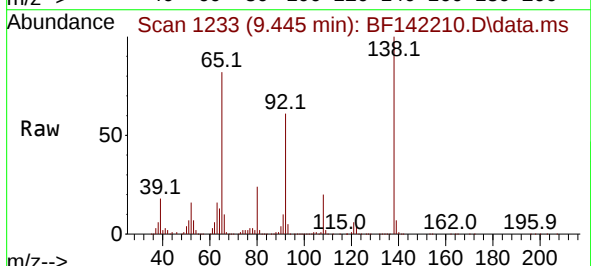
Tgt Ion: 65 Resp: 424788

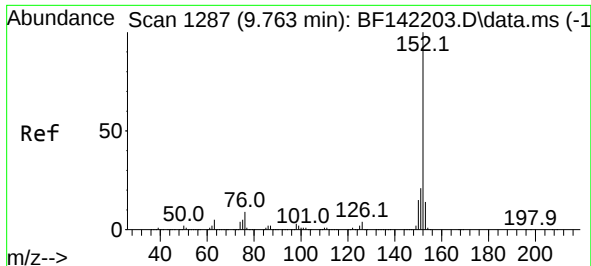
Ion Ratio Lower Upper

65 100

92 74.7 61.4 92.0

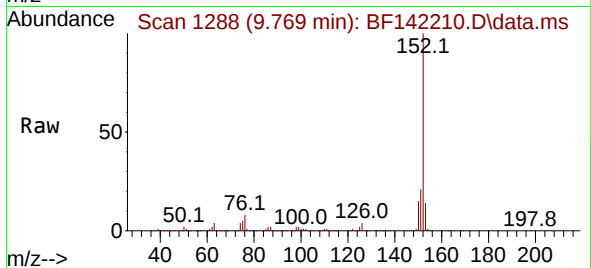
138 122.4 105.8 158.6



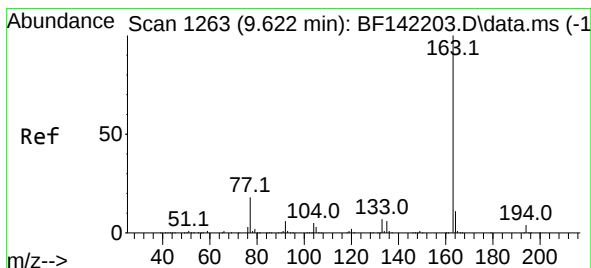
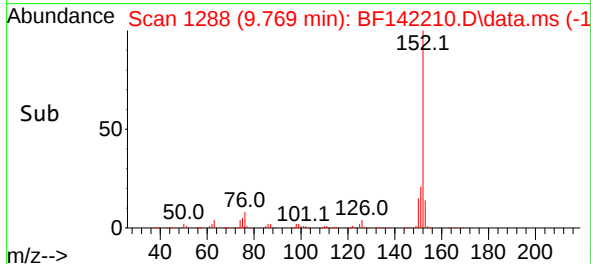
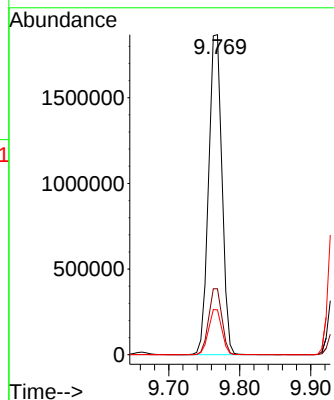


#49
Acenaphthylene
Concen: 37.124 ng
RT: 9.769 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

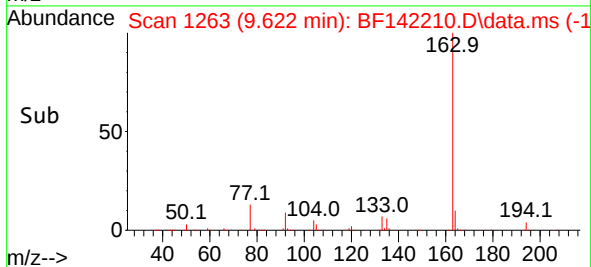
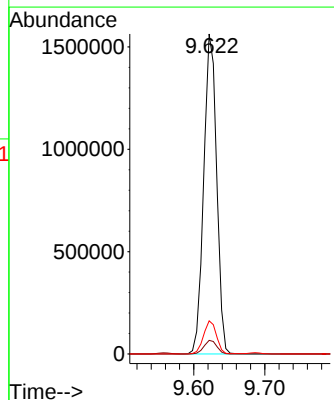
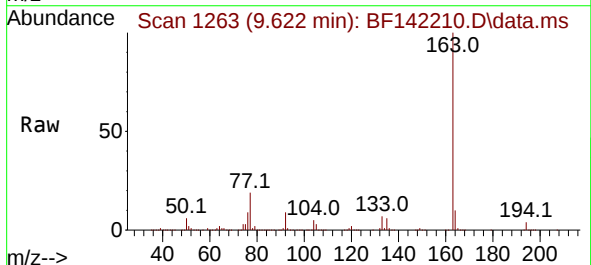


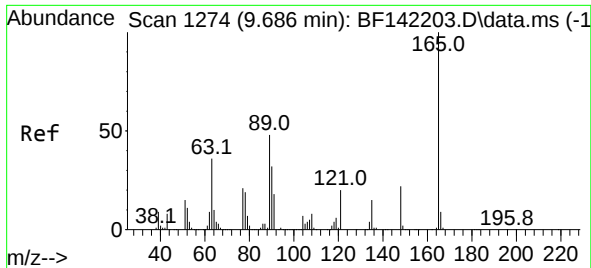
Tgt Ion:152 Resp: 2446730
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 14.0 11.6 17.4



#50
Dimethylphthalate
Concen: 36.932 ng
RT: 9.622 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:163 Resp: 1983716
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.6 12.8

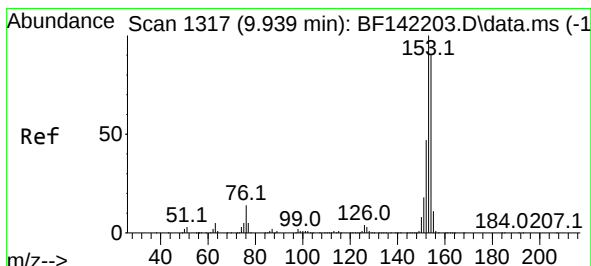
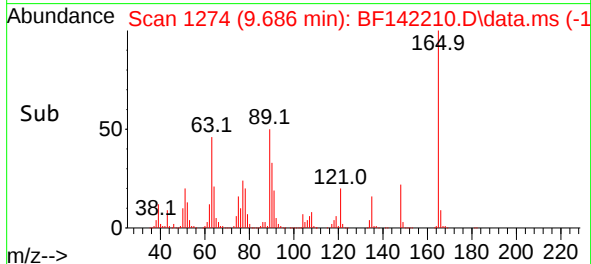
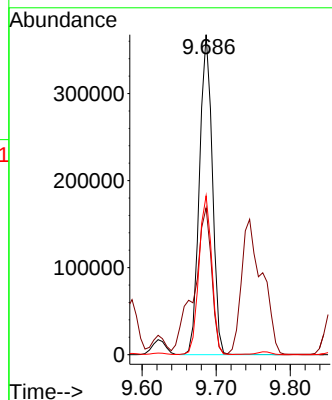
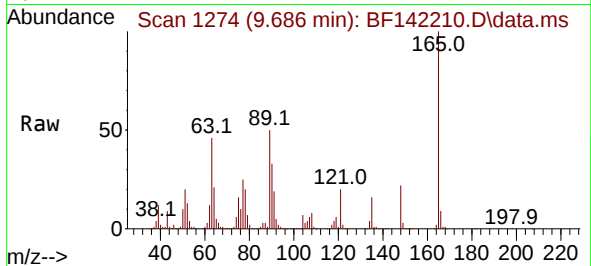




#51
2,6-Dinitrotoluene
Concen: 36.753 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

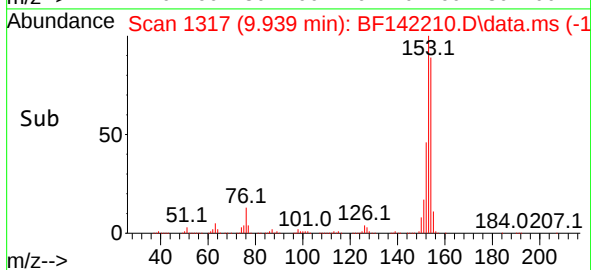
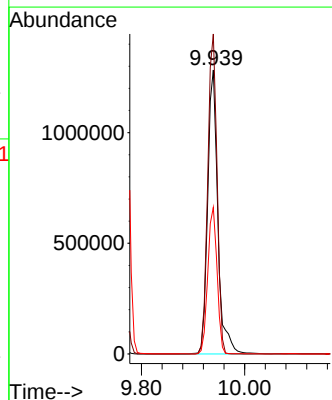
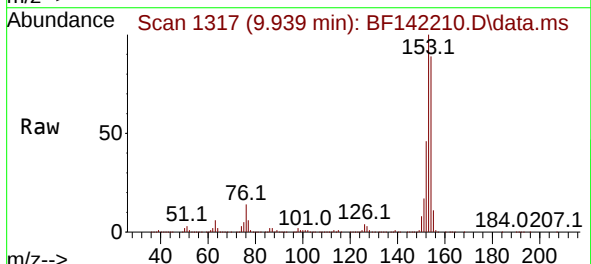
Instrument :
BNA_F
ClientSampleId :

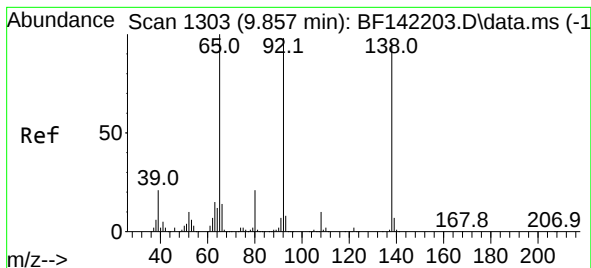
Tgt Ion:165 Resp: 443208
Ion Ratio Lower Upper
165 100
63 45.9 35.4 53.2
89 49.6 38.6 58.0



#52
Acenaphthene
Concen: 36.884 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:154 Resp: 1751751
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 51.6 41.8 62.8





#53

3-Nitroaniline

Concen: 35.552 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

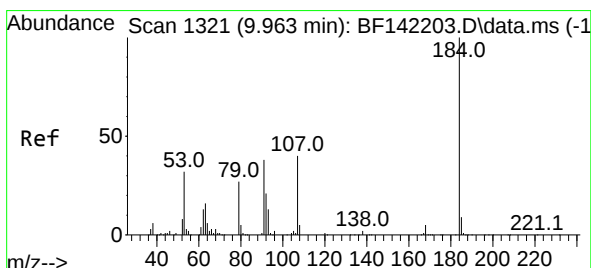
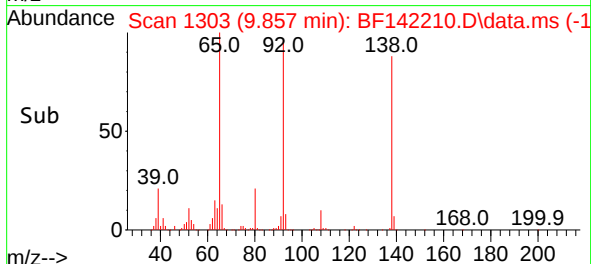
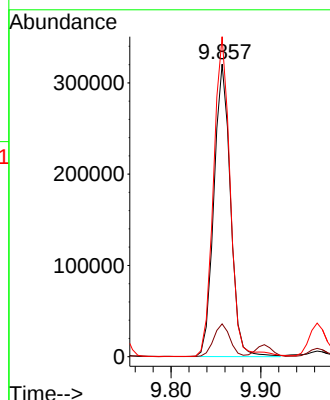
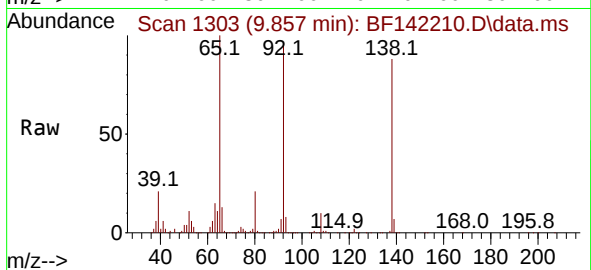
Tgt Ion:138 Resp: 410794

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 109.4 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 39.176 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

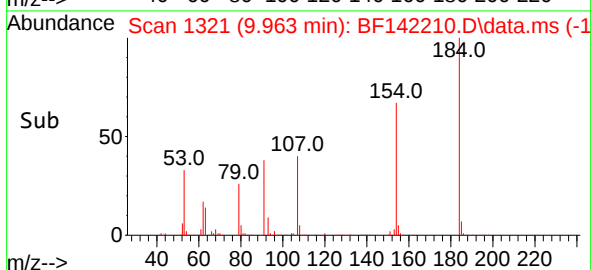
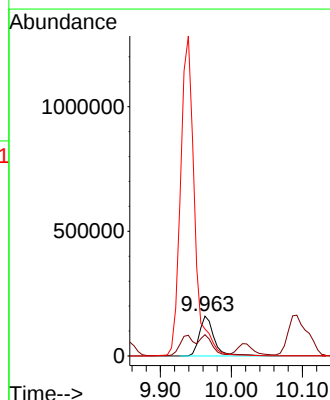
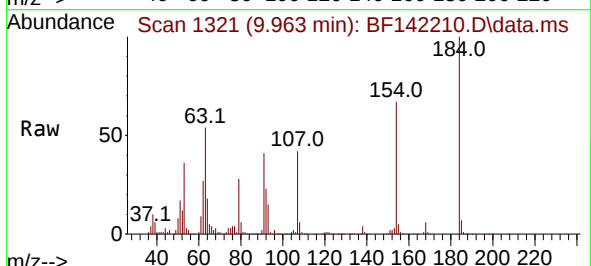
Tgt Ion:184 Resp: 231384

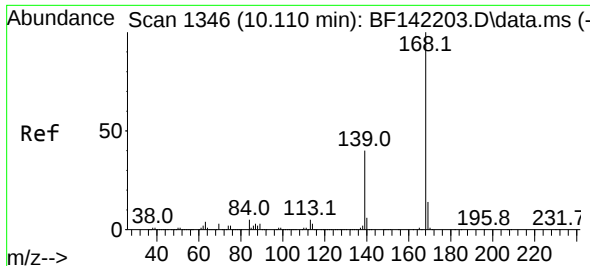
Ion Ratio Lower Upper

184 100

63 53.5 39.0 58.4

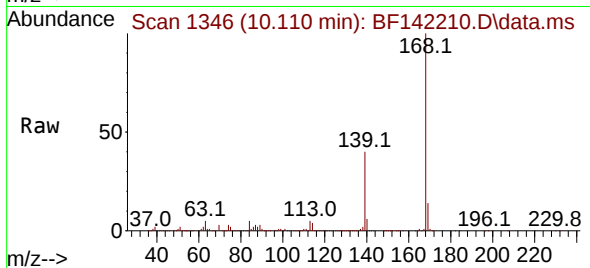
154 67.3 52.2 78.4



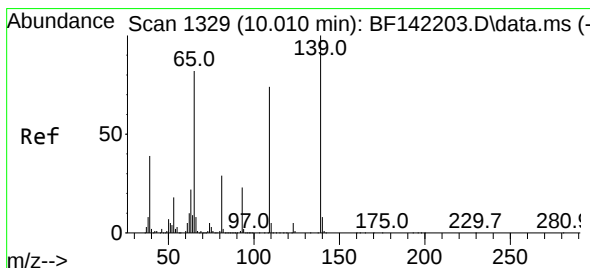
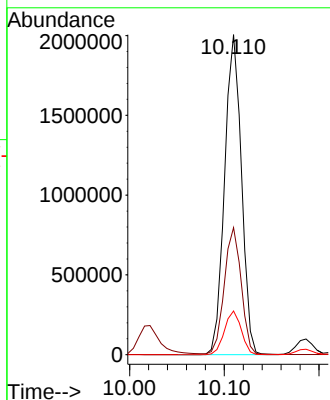
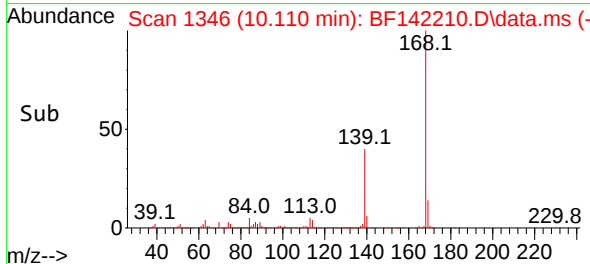


#55
Dibenzofuran
Concen: 37.175 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

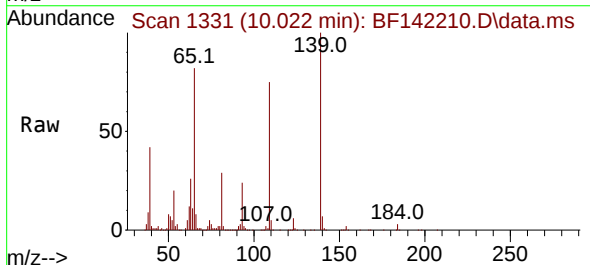
Instrument :
BNA_F
ClientSampleId :



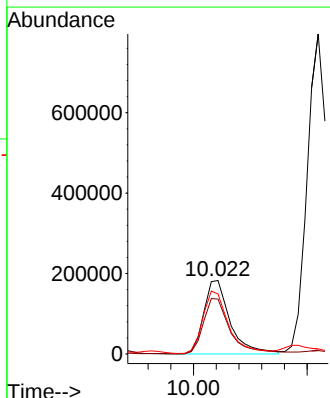
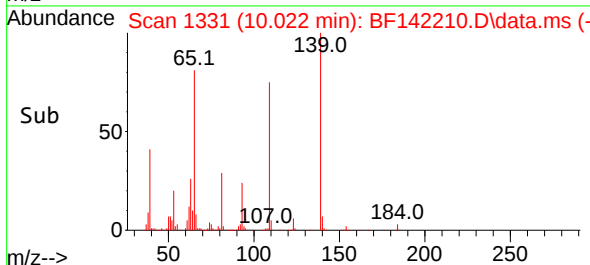
Tgt Ion:168 Resp: 2475214
Ion Ratio Lower Upper
168 100
139 39.7 32.3 48.5
169 13.7 11.4 17.0

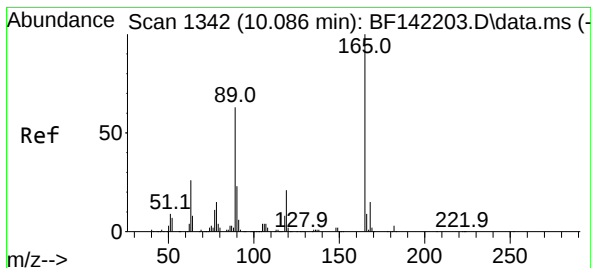


#56
4-Nitrophenol
Concen: 34.750 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



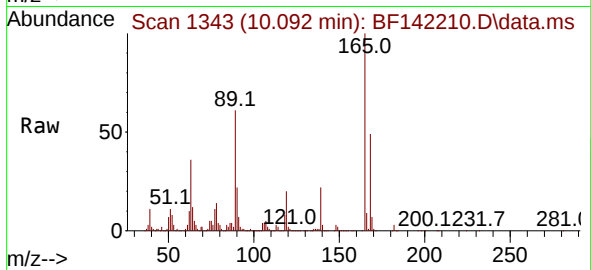
Tgt Ion:139 Resp: 293716
Ion Ratio Lower Upper
139 100
109 74.6 54.1 94.1
65 81.6 62.1 102.1



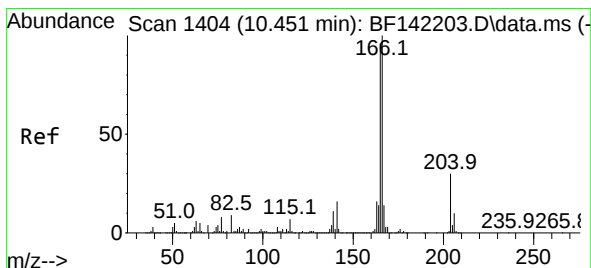
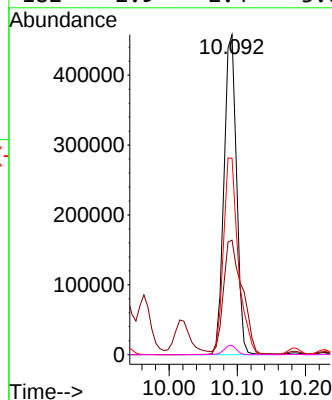
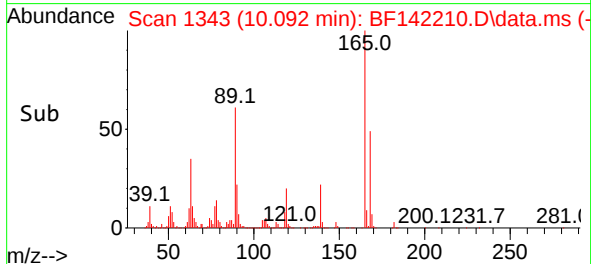


#57
2,4-Dinitrotoluene
Concen: 37.778 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

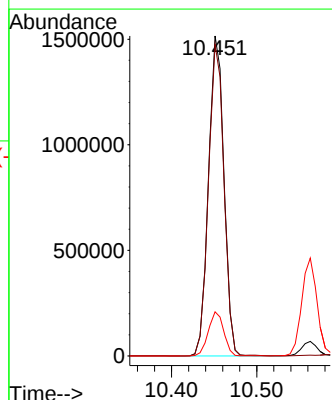
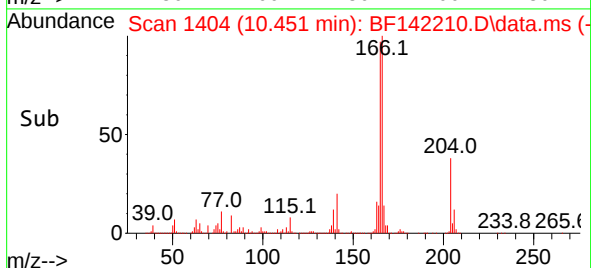
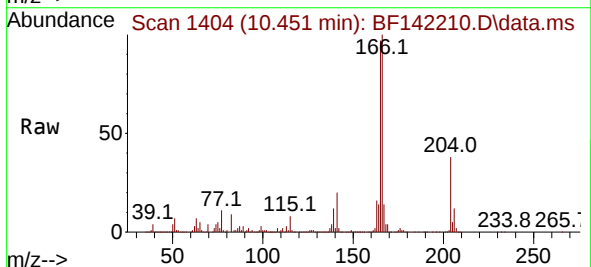


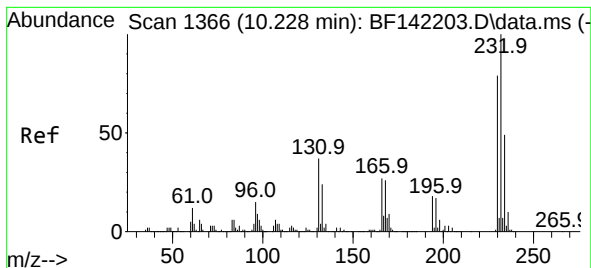
Tgt Ion:165 Resp: 588403
Ion Ratio Lower Upper
165 100
63 35.8 29.0 43.6
89 61.4 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 36.982 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

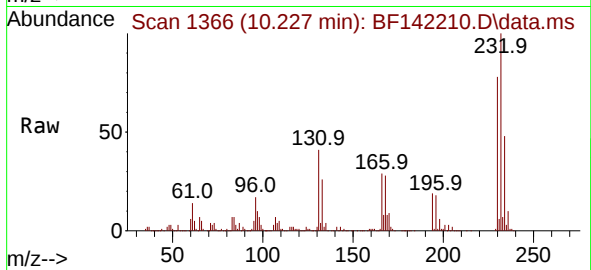
Tgt Ion:166 Resp: 1904798
Ion Ratio Lower Upper
166 100
165 97.3 77.1 115.7
167 13.8 11.0 16.4



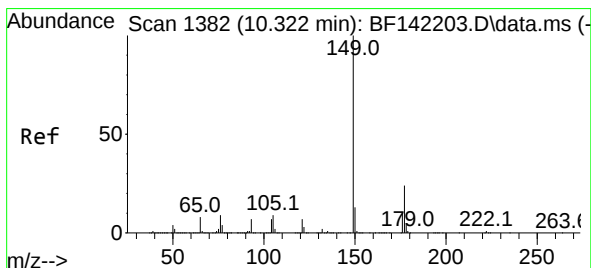
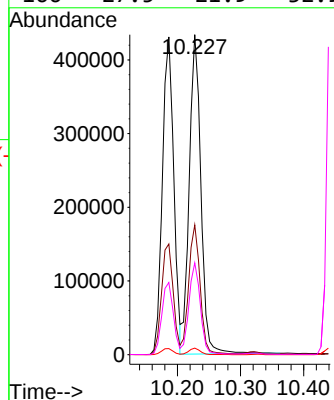
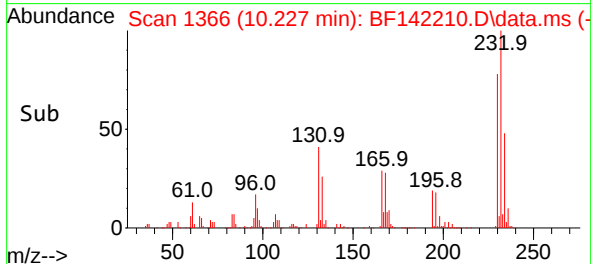


#59
2,3,4,6-Tetrachlorophenol
Concen: 36.416 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

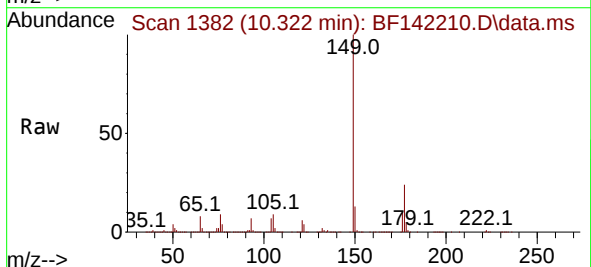
Instrument :
BNA_F
ClientSampleId :



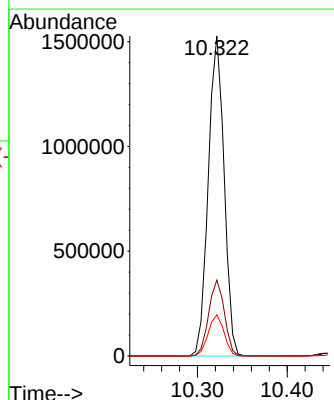
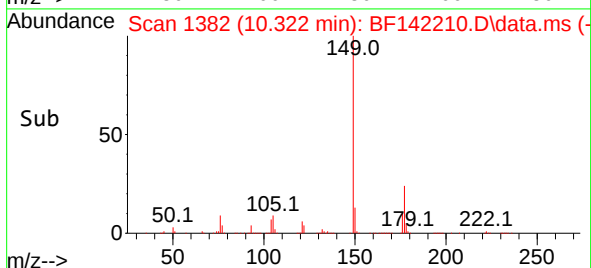
Tgt Ion:232 Resp: 558460
Ion Ratio Lower Upper
232 100
131 40.1 31.9 47.9
130 1.9 1.6 2.4
166 27.5 21.9 32.9

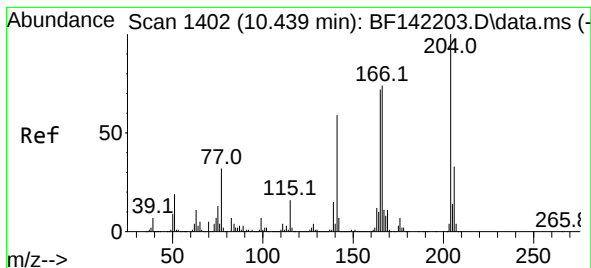


#60
Diethylphthalate
Concen: 37.222 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11



Tgt Ion:149 Resp: 1866878
Ion Ratio Lower Upper
149 100
177 23.7 19.6 29.4
150 12.9 10.6 15.8

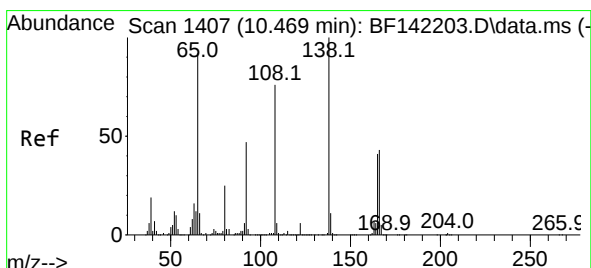
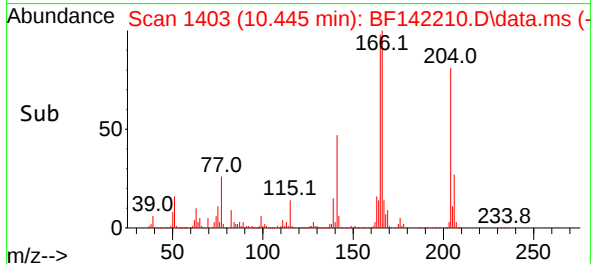
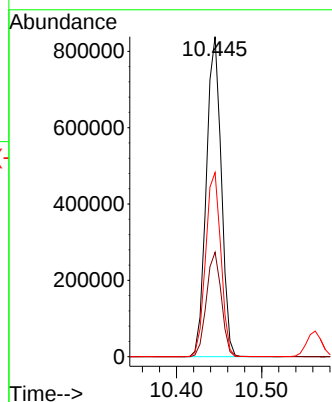
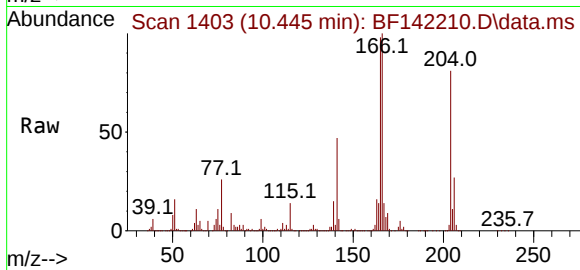




#61
4-Chlorophenyl-phenylether
Concen: 36.021 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

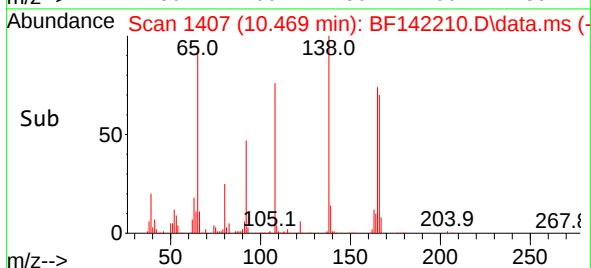
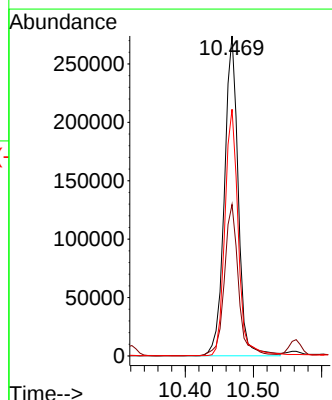
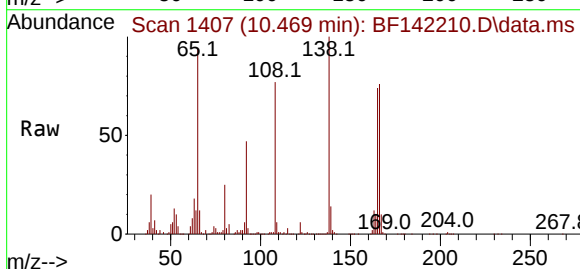
Instrument :
BNA_F
ClientSampleId :

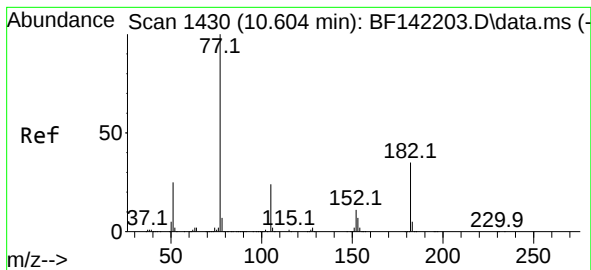
Tgt Ion:204 Resp: 1021558
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 57.5 47.0 70.6



#62
4-Nitroaniline
Concen: 35.193 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:138 Resp: 386520
Ion Ratio Lower Upper
138 100
92 47.3 26.7 66.7
108 77.1 56.5 96.5





#63

Azobenzene

Concen: 36.980 ng

RT: 10.604 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1615035

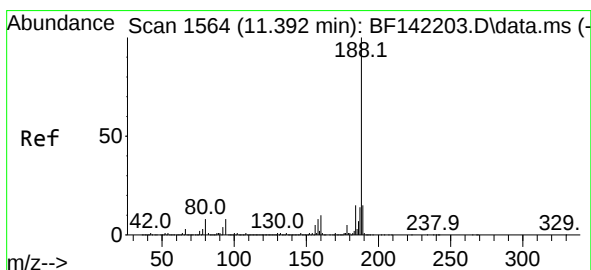
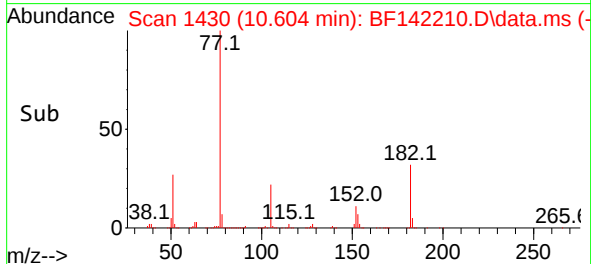
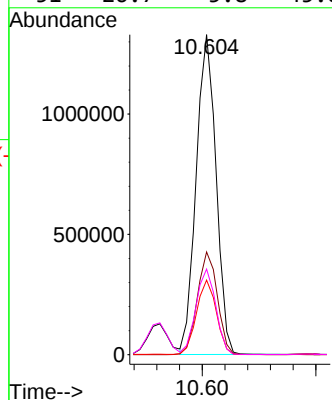
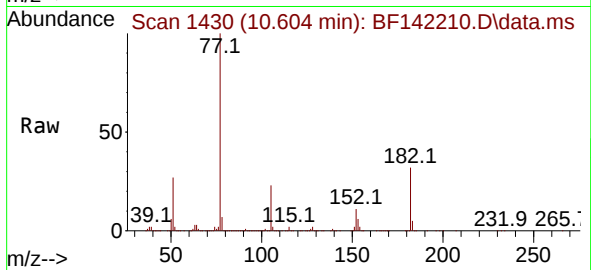
Ion Ratio Lower Upper

77 100

182 32.1 14.8 54.8

105 23.3 4.0 44.0

51 26.7 5.8 45.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

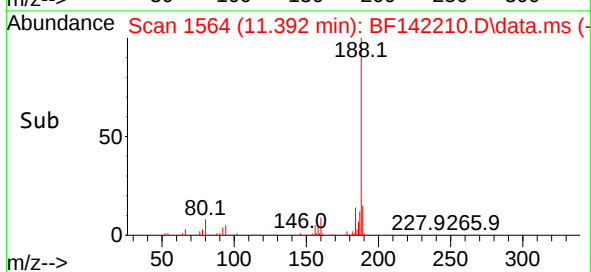
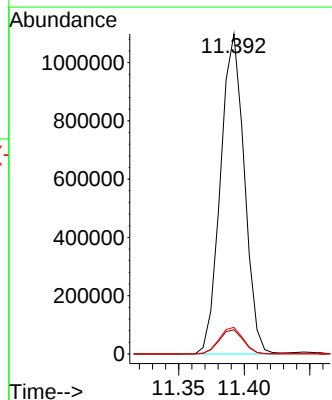
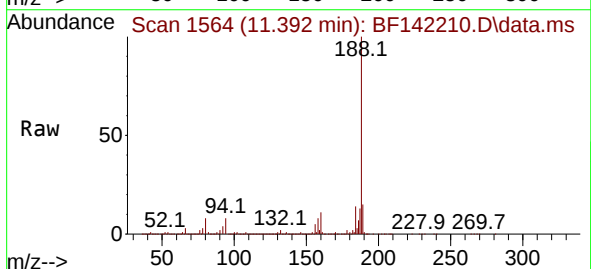
Tgt Ion:188 Resp: 1387409

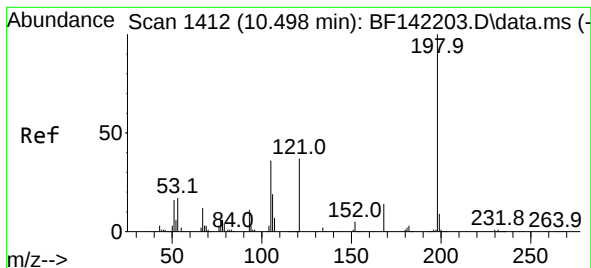
Ion Ratio Lower Upper

188 100

94 7.5 6.3 9.5

80 8.3 6.7 10.1

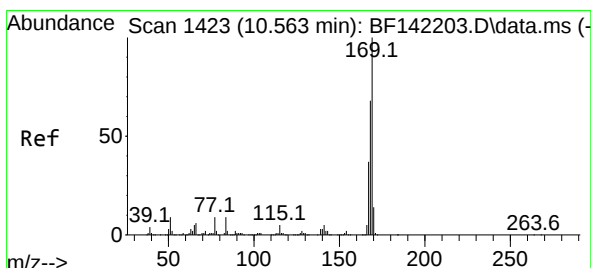
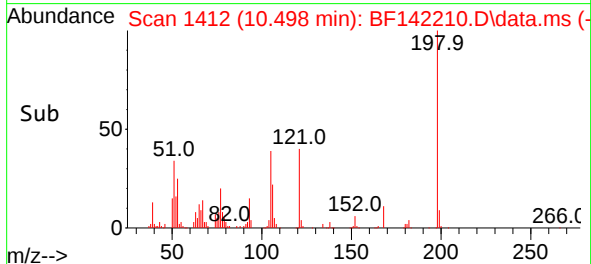
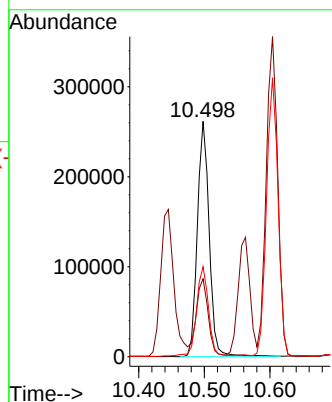
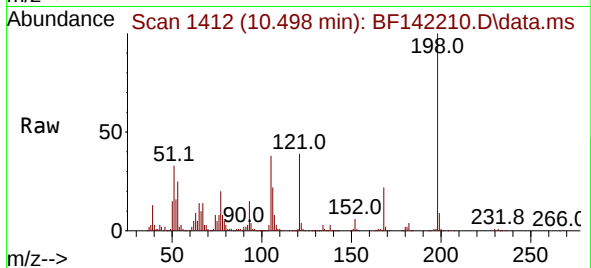




#65
4,6-Dinitro-2-methylphenol
Concen: 40.745 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

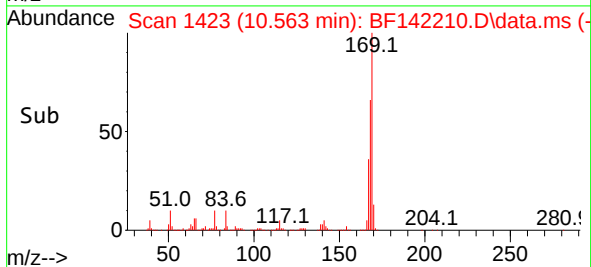
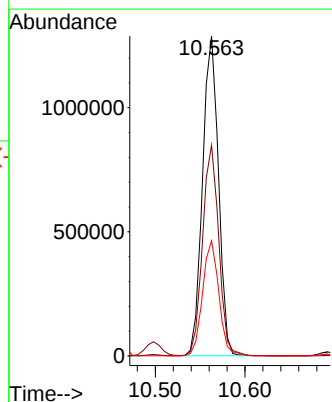
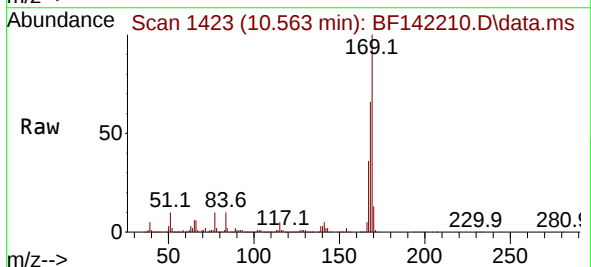
Instrument :
BNA_F
ClientSampleId :

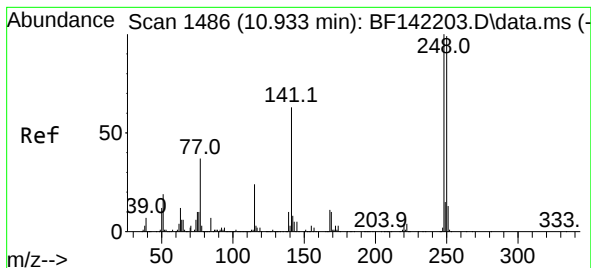
Tgt Ion:198 Resp: 329979
Ion Ratio Lower Upper
198 100
51 33.0 10.2 50.2
105 38.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 37.293 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:169 Resp: 1585787
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.2
167 36.0 29.4 44.2

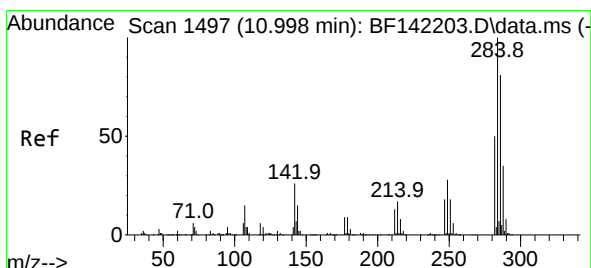
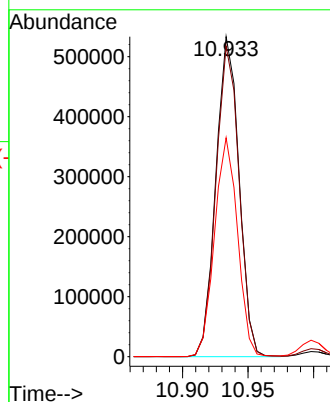
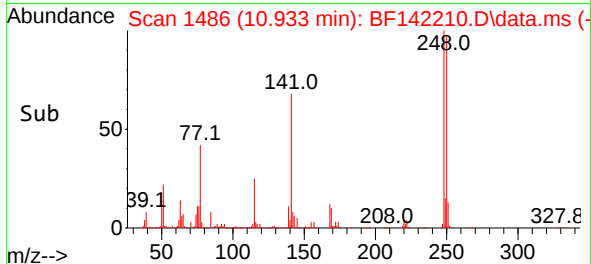
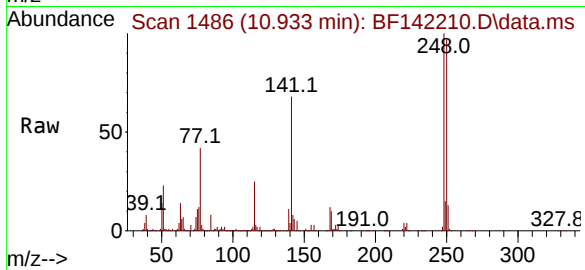




#67
4-Bromophenyl-phenylether
Concen: 35.932 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

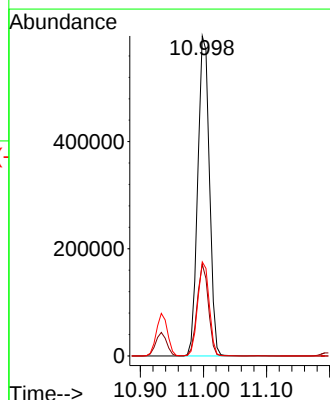
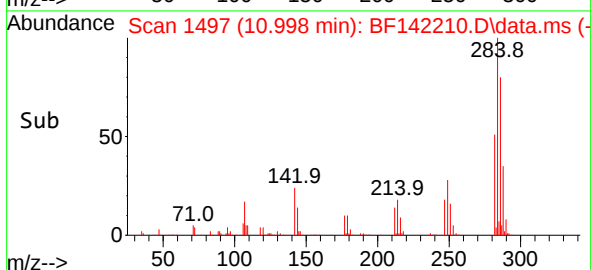
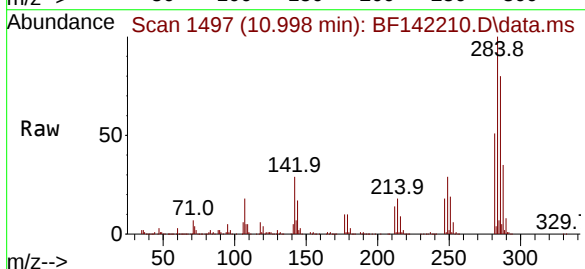
Instrument :
BNA_F
ClientSampleId :

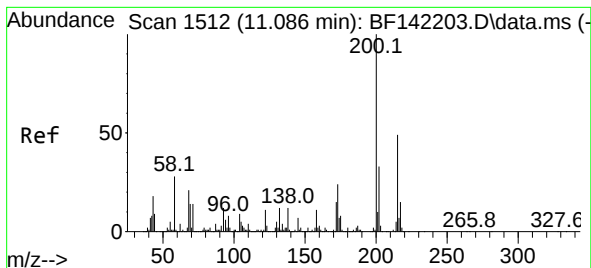
Tgt Ion:248 Resp: 655610
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 68.4 50.6 75.8



#68
Hexachlorobenzene
Concen: 35.198 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:284 Resp: 764272
Ion Ratio Lower Upper
284 100
142 28.6 20.7 31.1
249 29.4 22.8 34.2





#69

Atrazine

Concen: 45.766 ng

RT: 11.086 min Scan# 1

Delta R.T. 0.000 min

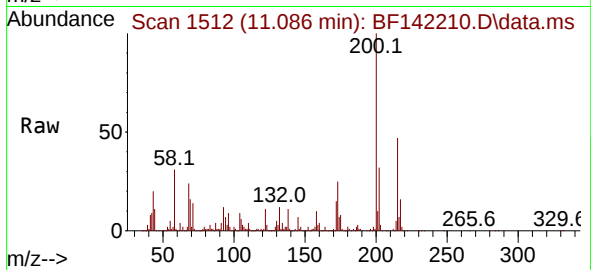
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :



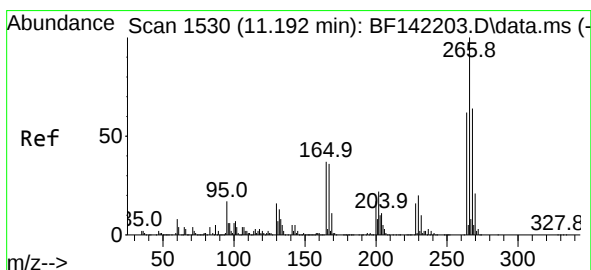
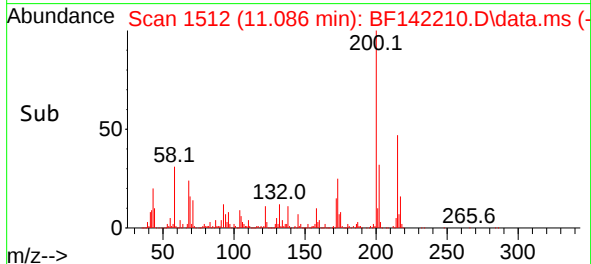
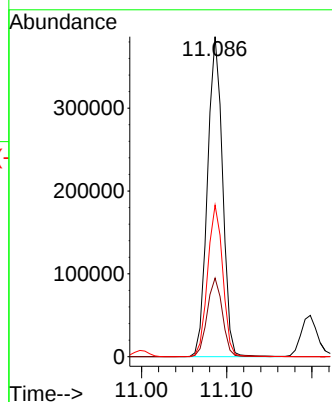
Tgt Ion:200 Resp: 474910

Ion Ratio Lower Upper

200 100

173 24.5 4.4 44.4

215 47.3 28.6 68.6



#70

Pentachlorophenol

Concen: 36.247 ng

RT: 11.198 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

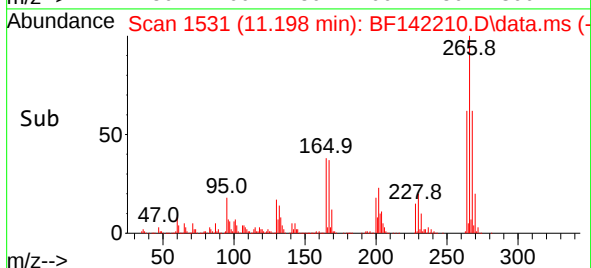
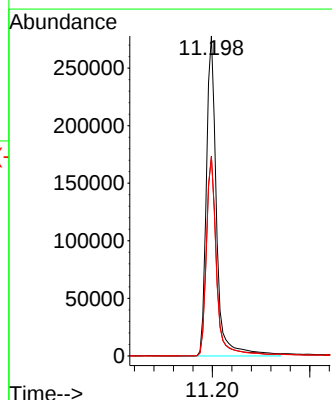
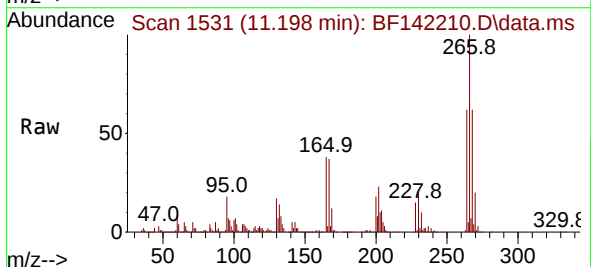
Tgt Ion:266 Resp: 401505

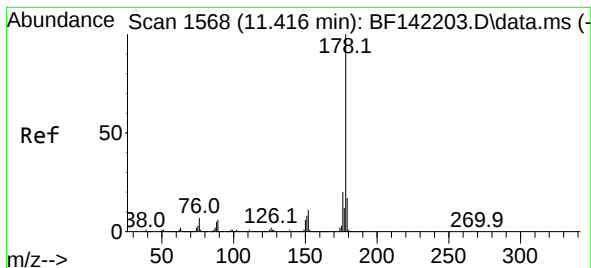
Ion Ratio Lower Upper

266 100

268 62.4 50.9 76.3

264 62.3 49.4 74.2





#71

Phenanthrene

Concen: 37.837 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNF

ClientSampleId :

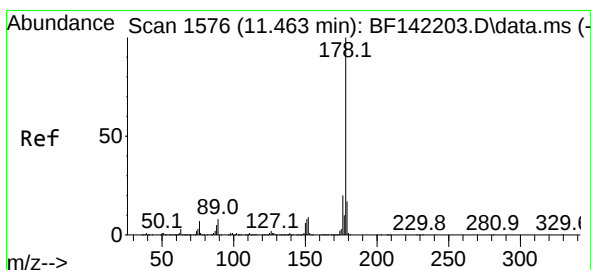
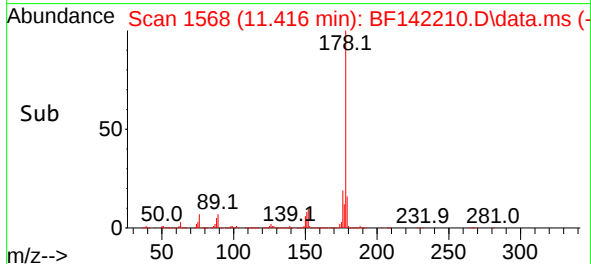
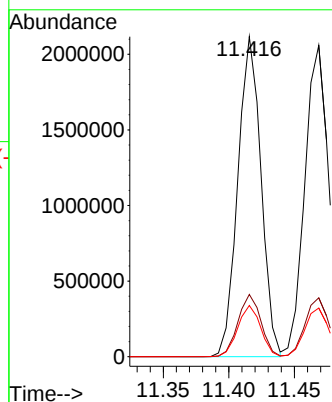
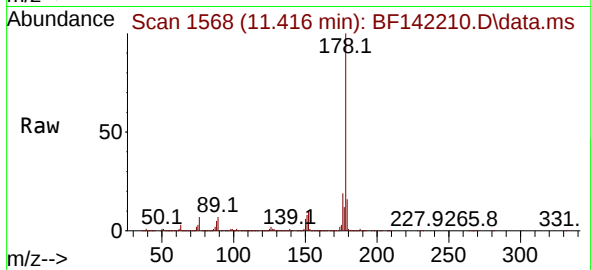
Tgt Ion:178 Resp: 2606889

Ion Ratio Lower Upper

178 100

176 19.4 16.3 24.5

179 16.0 13.3 19.9



#72

Anthracene

Concen: 38.106 ng

RT: 11.469 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

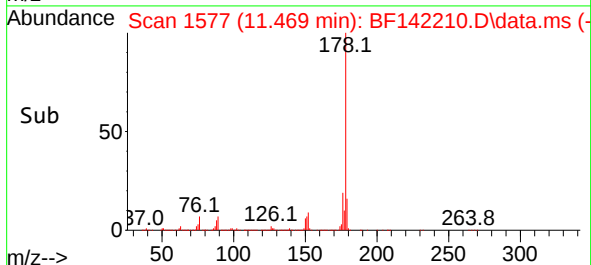
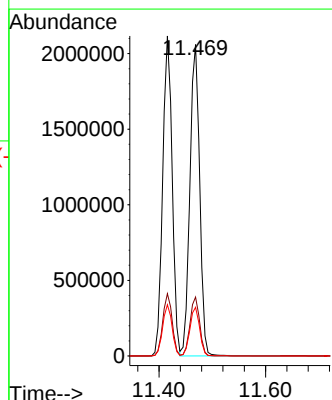
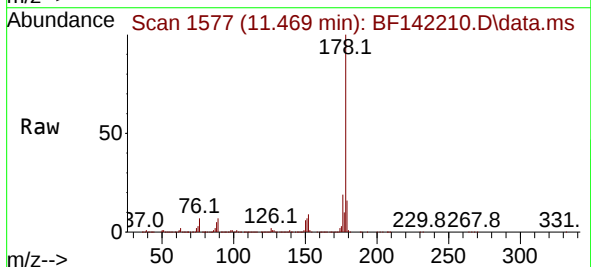
Tgt Ion:178 Resp: 2625095

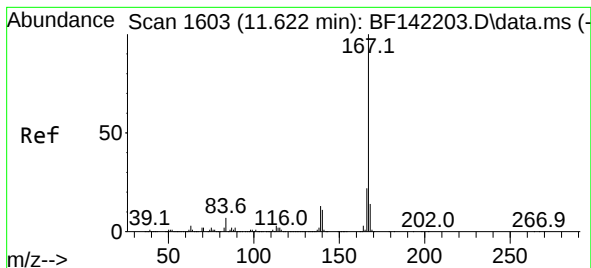
Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

179 15.6 13.4 20.0





#73

Carbazole

Concen: 36.073 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

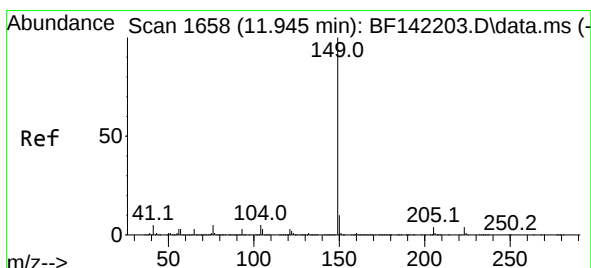
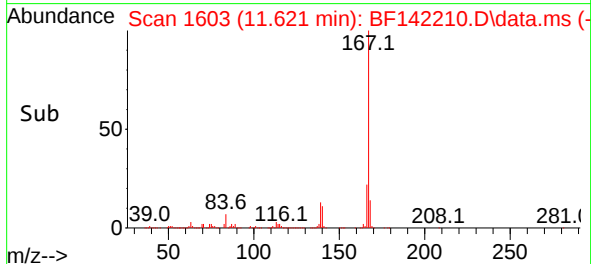
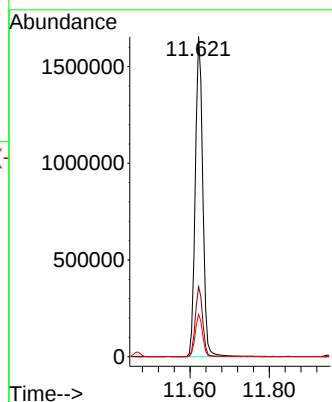
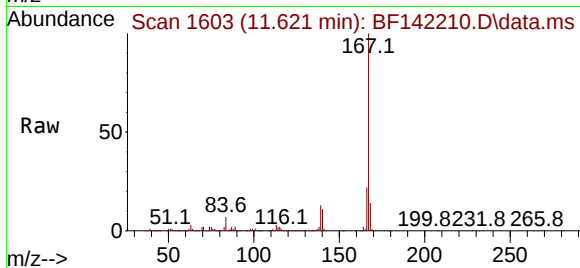
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 2171037

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.2	10.7	16.1



#74

Di-n-butylphthalate

Concen: 39.454 ng

RT: 11.951 min Scan# 1659

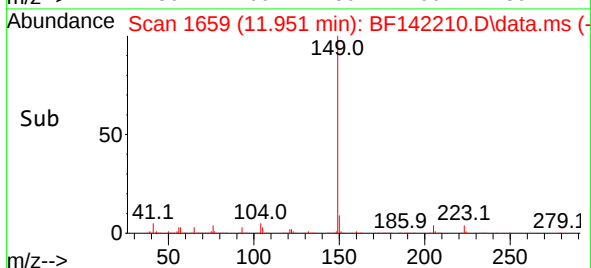
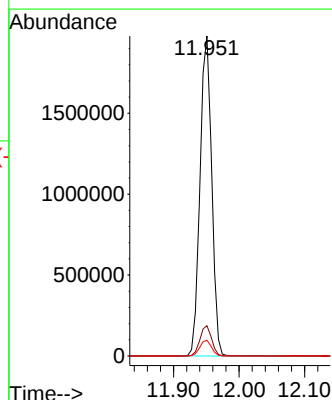
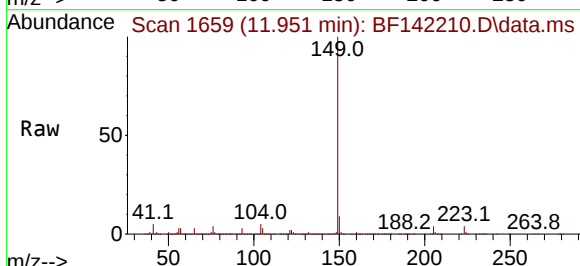
Delta R.T. 0.006 min

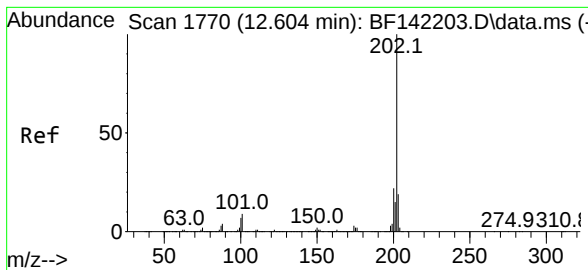
Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Tgt Ion:149 Resp: 2457628

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.9	4.0	6.0



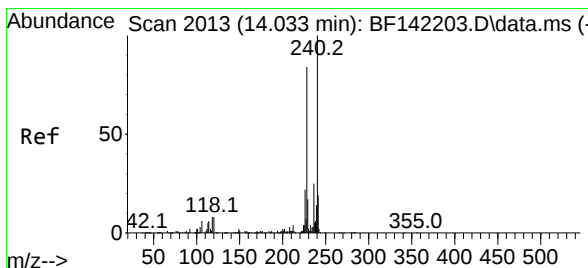
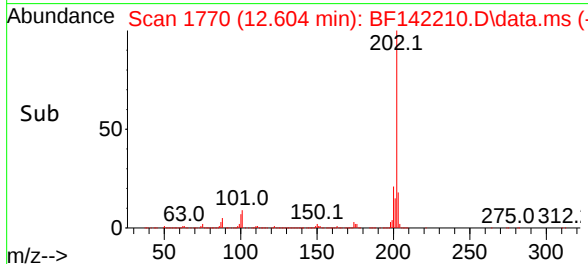
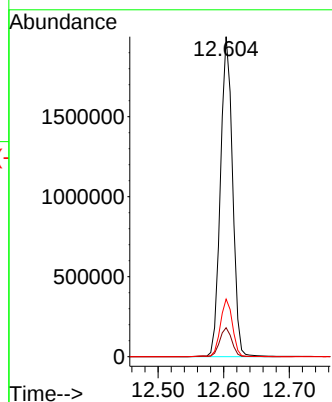
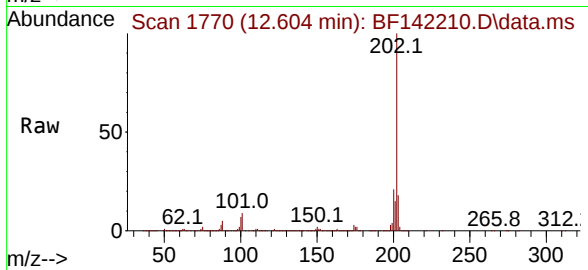


#75
 Fluoranthene
 Concen: 35.616 ng
 RT: 12.604 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:202 Resp: 2550696

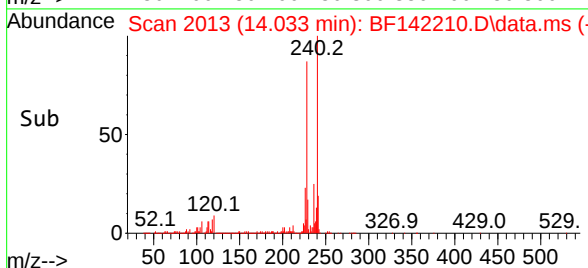
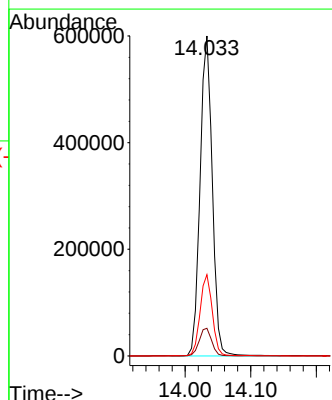
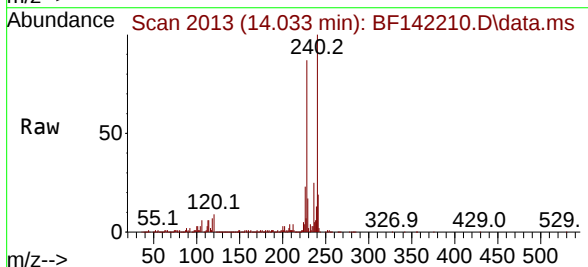
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.9
203	18.0	0.0	38.6

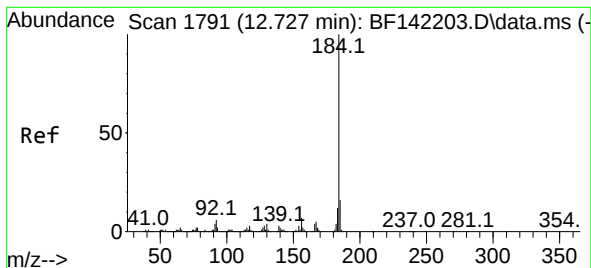


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1213
 Delta R.T. 0.006 min
 Lab File: BF142210.D
 Acq: 22 Apr 2025 14:11

Tgt Ion:240 Resp: 777716

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.1	10.7
236	25.4	20.2	30.2





#77

Benzidine

Concen: 40.799 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

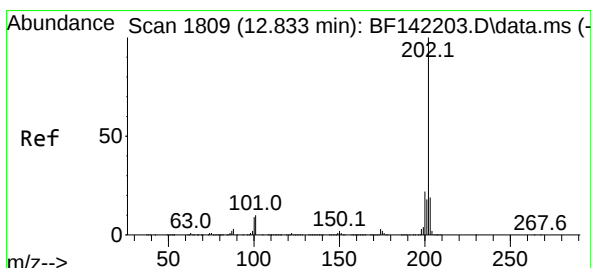
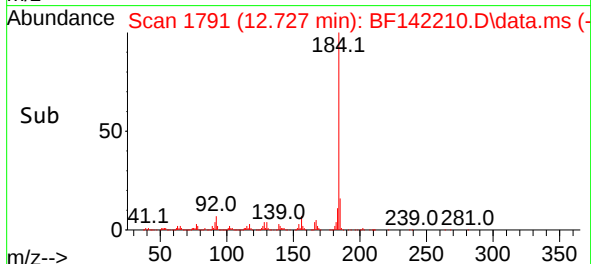
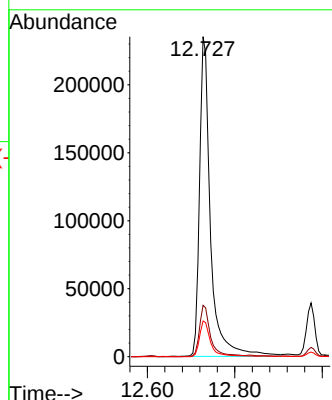
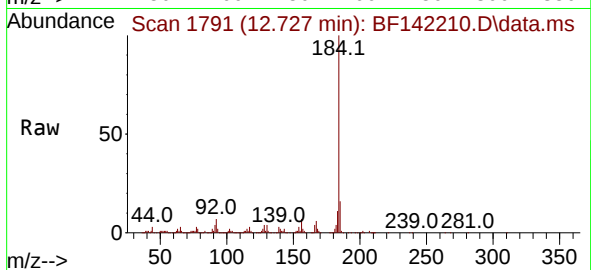
Tgt Ion:184 Resp: 409464

Ion Ratio Lower Upper

184 100

185 16.0 13.0 19.6

183 11.1 9.6 14.4



#78

Pyrene

Concen: 40.623 ng

RT: 12.833 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

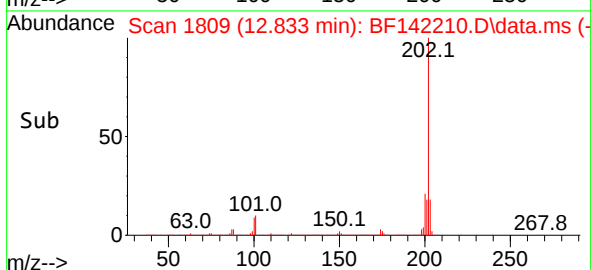
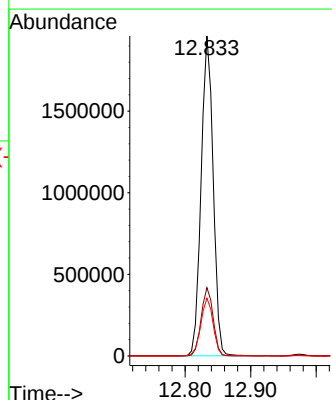
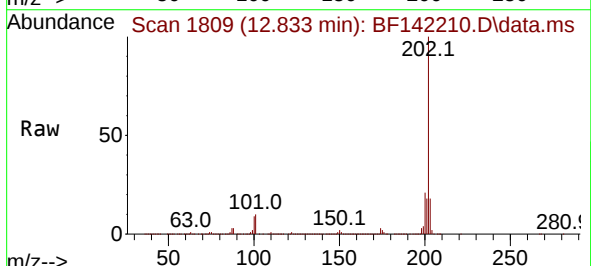
Tgt Ion:202 Resp: 2509215

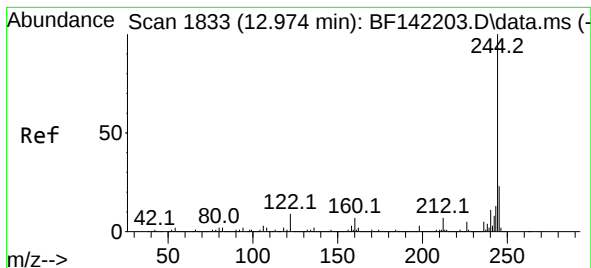
Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

203 18.0 14.8 22.2





#79

Terphenyl-d14

Concen: 79.195 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

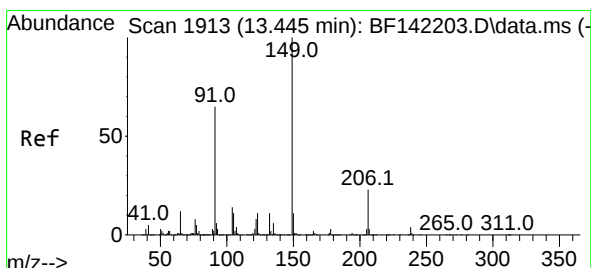
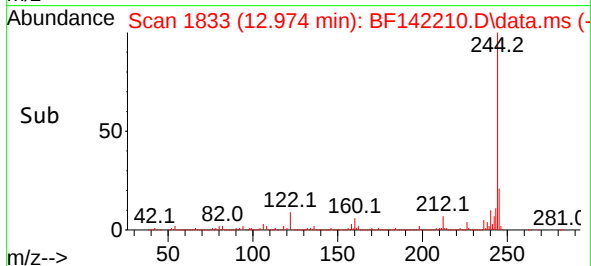
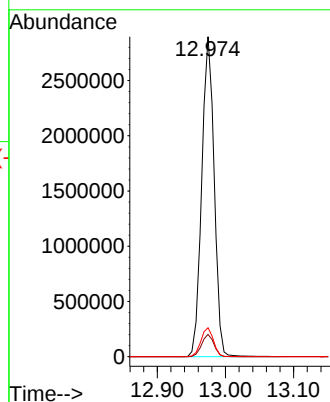
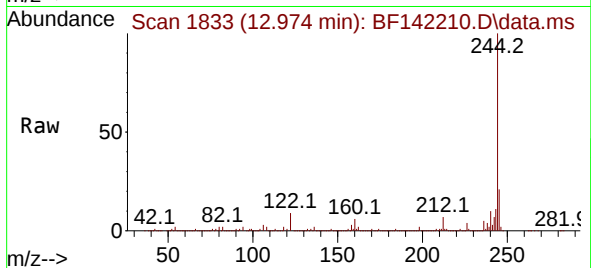
Tgt Ion:244 Resp: 3676448

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.0 7.3 10.9



#80

Butylbenzylphthalate

Concen: 44.418 ng

RT: 13.451 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

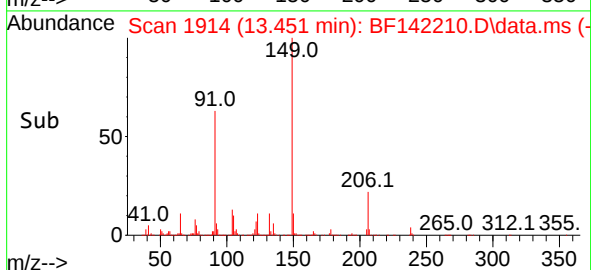
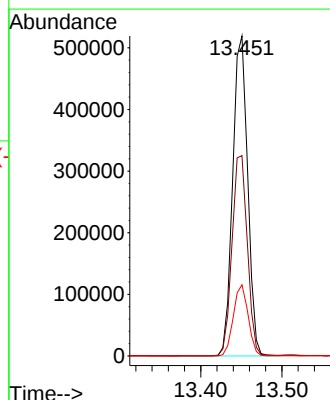
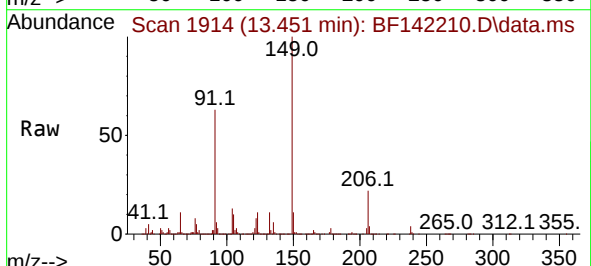
Tgt Ion:149 Resp: 664070

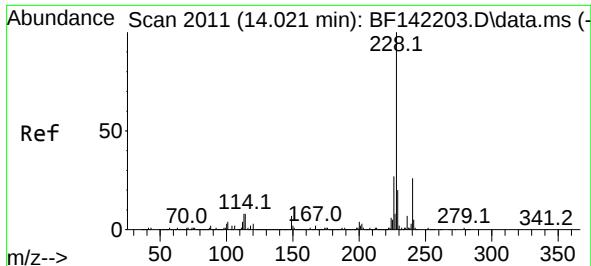
Ion Ratio Lower Upper

149 100

91 62.6 51.8 77.8

206 22.3 18.2 27.4

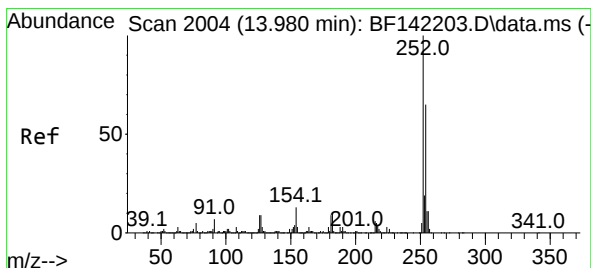
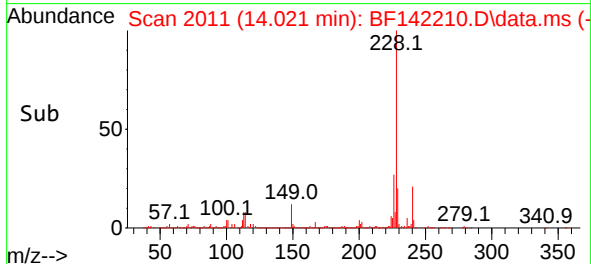
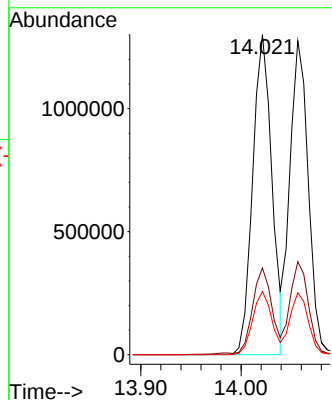
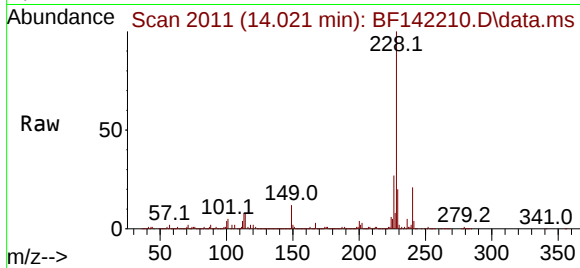




#81
Benzo(a)anthracene
Concen: 36.789 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

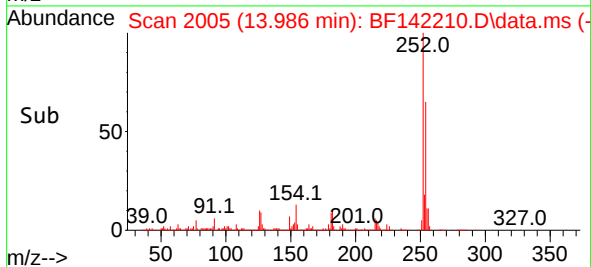
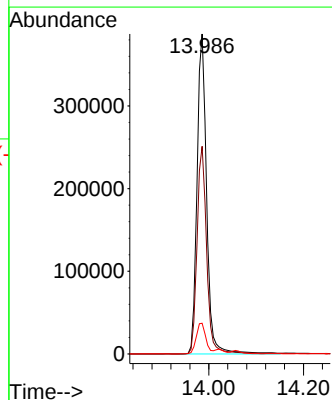
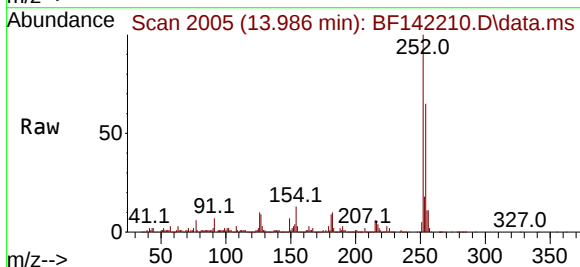
Instrument :
BNA_F
ClientSampleId :

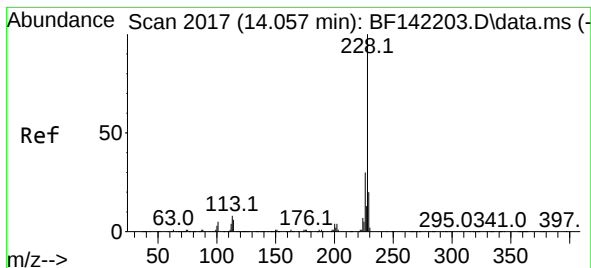
Tgt Ion:228 Resp: 1732930
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.885 ng
RT: 13.986 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:252 Resp: 545445
Ion Ratio Lower Upper
252 100
254 64.9 51.9 77.9
126 9.6 7.4 11.0





#83

Chrysene

Concen: 36.150 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

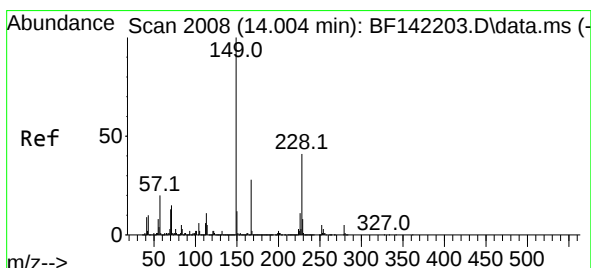
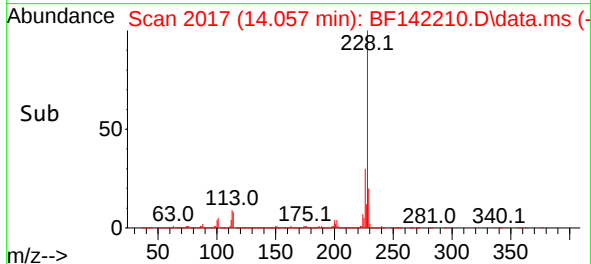
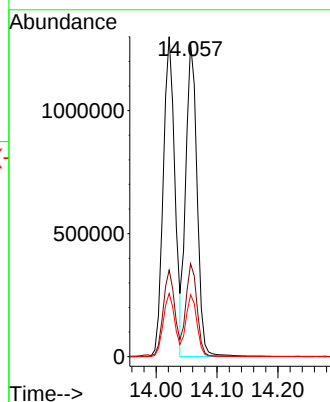
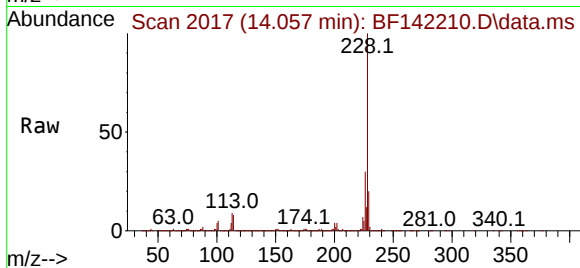
Tgt Ion:228 Resp: 1640659

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 19.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.101 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

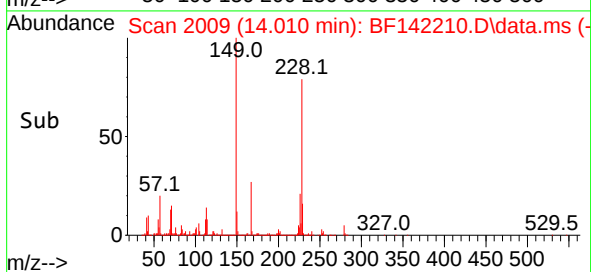
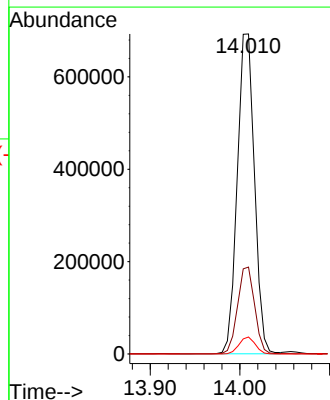
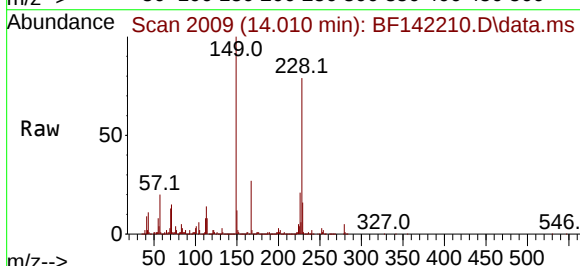
Tgt Ion:149 Resp: 922062

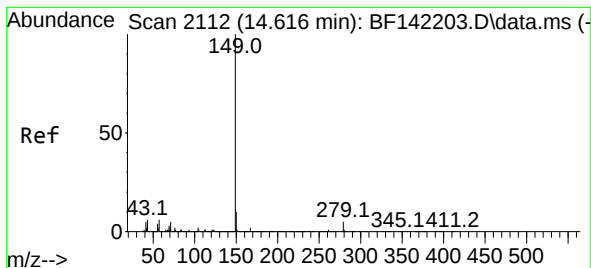
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 50.216 ng

RT: 14.621 min Scan# 2113

Delta R.T. 0.005 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

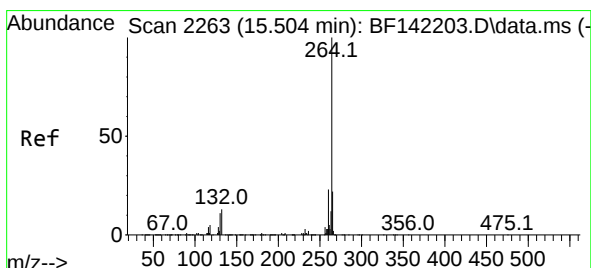
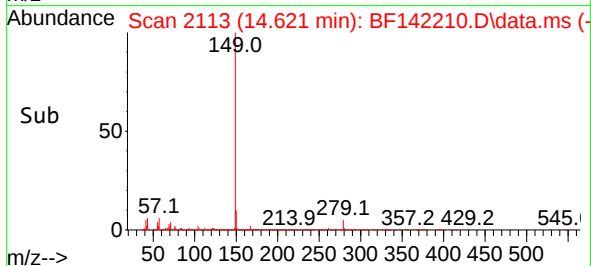
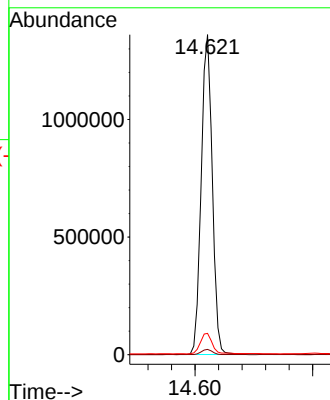
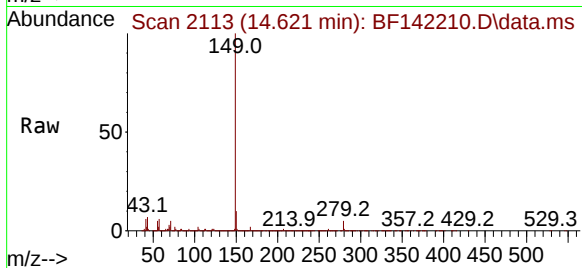
Tgt Ion:149 Resp: 1778874

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.9 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

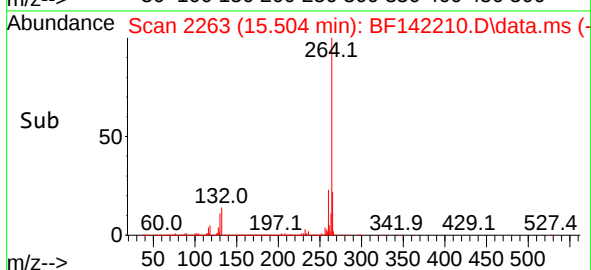
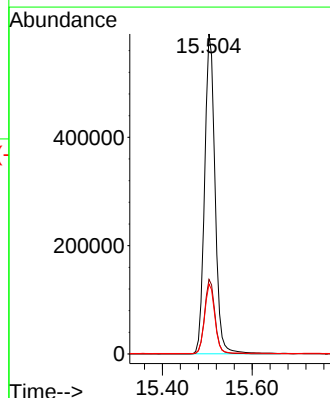
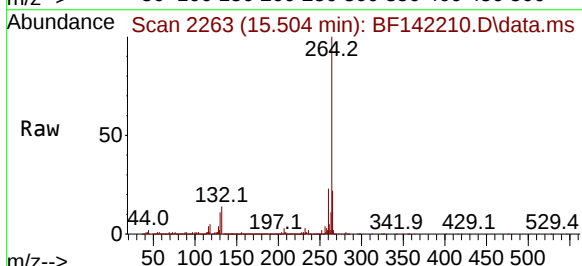
Tgt Ion:264 Resp: 953582

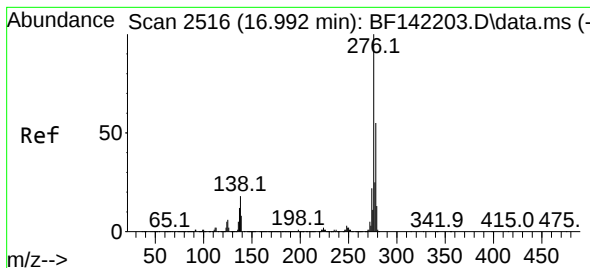
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.880 ng

RT: 16.998 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

Instrument :

BNA_F

ClientSampleId :

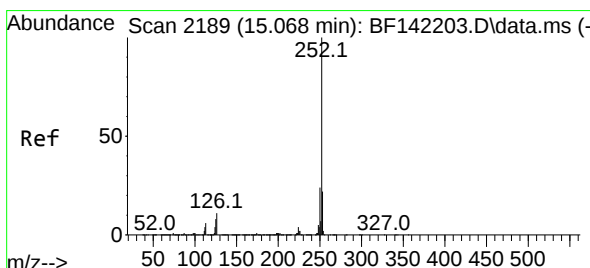
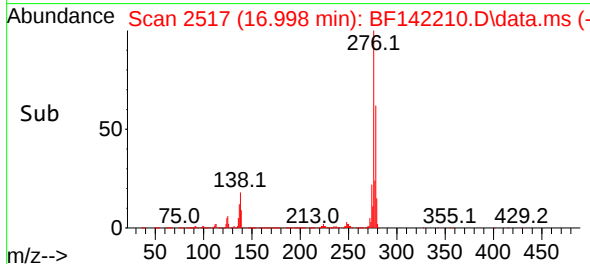
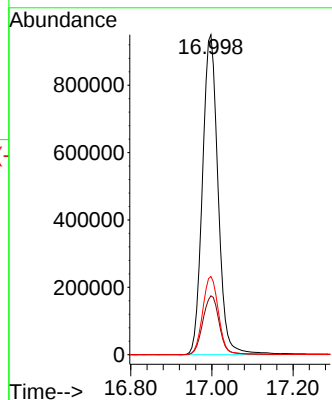
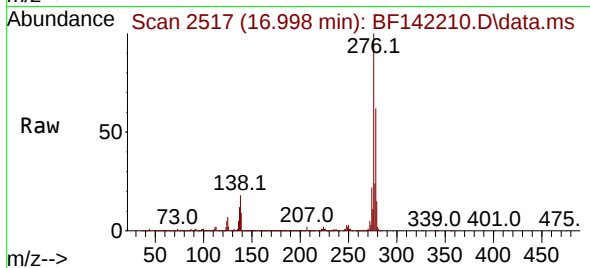
Tgt Ion:276 Resp: 2534368

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 34.803 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142210.D

Acq: 22 Apr 2025 14:11

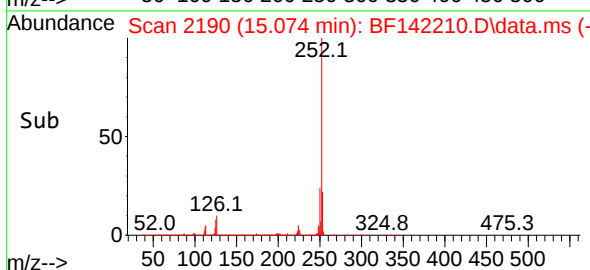
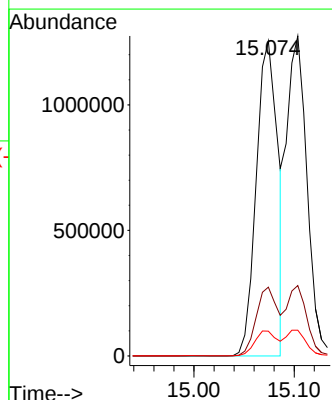
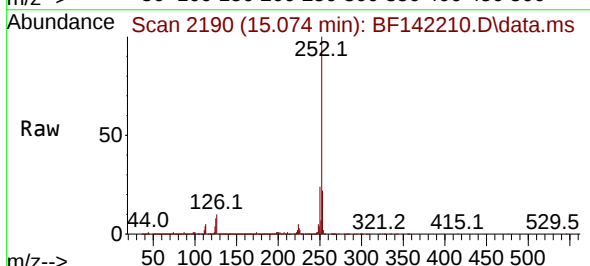
Tgt Ion:252 Resp: 1861922

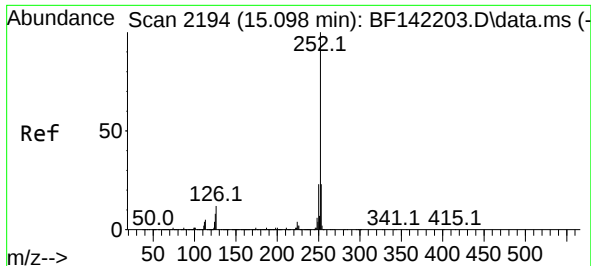
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 7.9 6.4 9.6

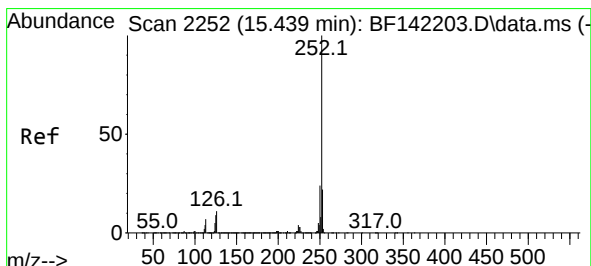
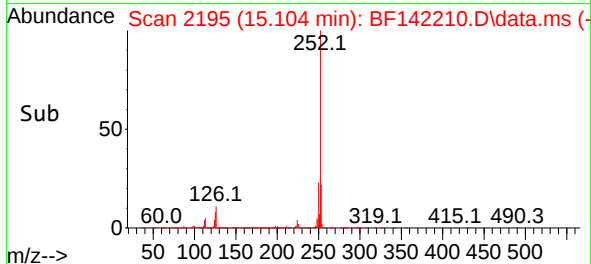
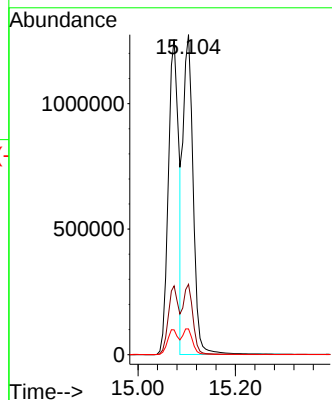
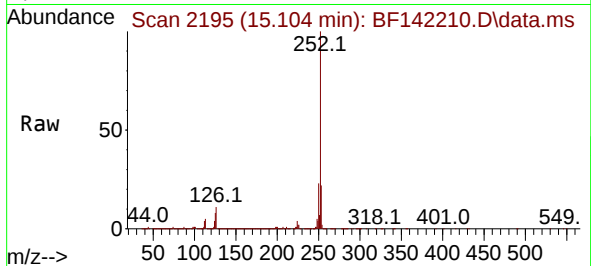




#89
Benzo(k)fluoranthene
Concen: 34.446 ng
RT: 15.104 min Scan# 2194
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

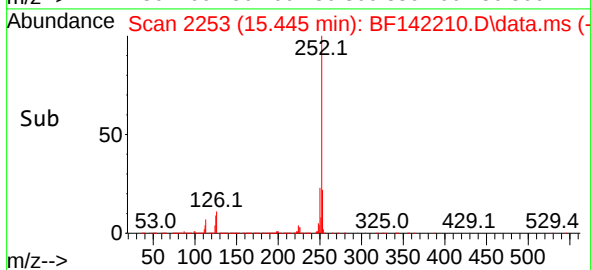
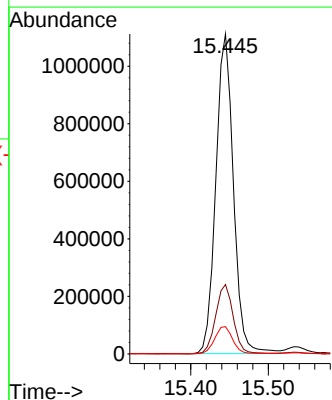
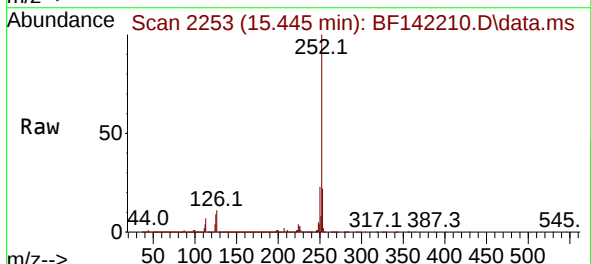
Instrument :
BNA_F
ClientSampleId :

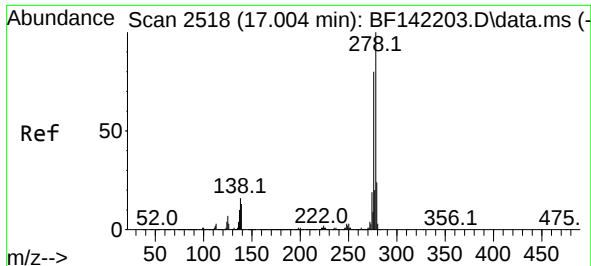
Tgt Ion:252 Resp: 1820142
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 8.1 6.6 10.0



#90
Benzo(a)pyrene
Concen: 36.526 ng
RT: 15.445 min Scan# 2253
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:252 Resp: 1748823
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 8.6 7.1 10.7

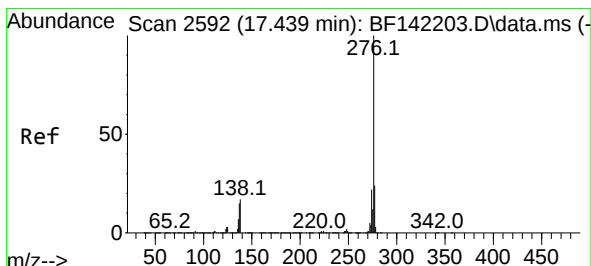
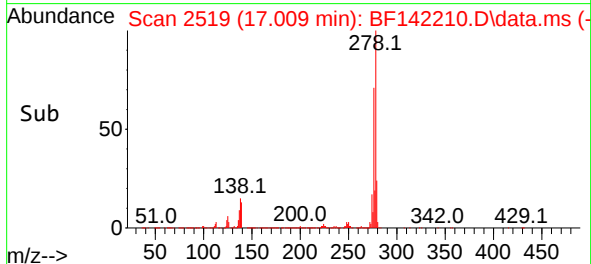
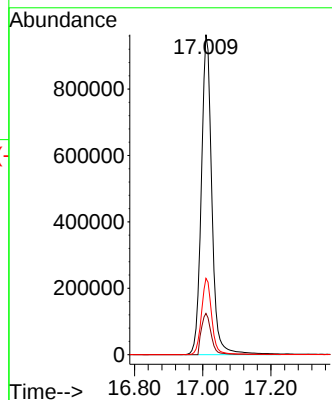
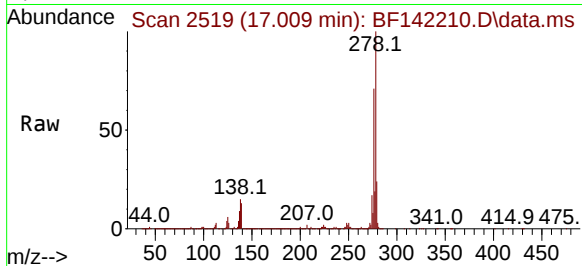




#91
Dibenzo(a,h)anthracene
Concen: 38.012 ng
RT: 17.009 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 2074575
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.8 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 37.617 ng
RT: 17.445 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF142210.D
Acq: 22 Apr 2025 14:11

Tgt Ion:276 Resp: 2138331
Ion Ratio Lower Upper
276 100
277 23.9 19.2 28.8
138 16.6 13.4 20.2

