

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142205.D
 Acq On : 21 Apr 2025 14:02
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:03:53 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 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	616279	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	2213600	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1236465	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	2095728	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1348321	20.000	ng	0.00
86) Perylene-d12	15.504	264	1537238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3813648	116.019	ng	0.00
7) Phenol-d6	6.498	99	4769026	115.848	ng	0.00
23) Nitrobenzene-d5	7.434	82	4131873	117.226	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	2139046	126.528	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	7218795	95.159	ng	0.00
79) Terphenyl-d14	12.974	244	7597917	94.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	770065	57.714	ng	98
3) Pyridine	3.375	79	1739640	60.069	ng	99
4) n-Nitrosodimethylamine	3.340	42	719585	61.193	ng	# 93
6) Aniline	6.534	93	2061385	54.231	ng	99
8) 2-Chlorophenol	6.651	128	2194700	58.329	ng	97
9) Benzaldehyde	6.416	77	1238932	54.816	ng	100
10) Phenol	6.510	94	2545250	58.619	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	1956282	59.745	ng	98
12) 1,3-Dichlorobenzene	6.810	146	2431944	57.038	ng	98
13) 1,4-Dichlorobenzene	6.887	146	2480068	56.713	ng	99
14) 1,2-Dichlorobenzene	7.040	146	2278503	56.008	ng	99
15) Benzyl Alcohol	7.010	79	1793329	59.747	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1846107	58.167	ng	97
17) 2-Methylphenol	7.116	107	1708169	60.320	ng	100
18) Hexachloroethane	7.375	117	872149	58.707	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	1322462	56.810	ng	98
20) 3+4-Methylphenols	7.275	107	2007004	56.985	ng	95
22) Acetophenone	7.281	105	2779764	57.210	ng	99
24) Nitrobenzene	7.451	77	2073500	59.380	ng	97
25) Isophorone	7.687	82	3511512	59.351	ng	100
26) 2-Nitrophenol	7.763	139	1210574	65.953	ng	99
27) 2,4-Dimethylphenol	7.798	122	1498782	62.800	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	2284729	58.837	ng	99
29) 2,4-Dichlorophenol	8.004	162	1968171	60.635	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	2230724	58.767	ng	100
31) Naphthalene	8.169	128	5655869	54.088	ng	96
32) Benzoic acid	7.939	122	1403483	61.384	ng	99
33) 4-Chloroaniline	8.222	127	2197559	58.040	ng	100
34) Hexachlorobutadiene	8.286	225	1476054	58.924	ng	99
35) Caprolactam	8.598	113	566180	65.386	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	1978240	60.544	ng	98
37) 2-Methylnaphthalene	8.863	142	4033478	55.813	ng	100
38) 1-Methylnaphthalene	8.963	142	3901433	55.757	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2365444	58.468	ng	99
41) Hexachlorocyclopentadiene	9.010	237	847013	68.276	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	1469667	62.222	ng	98

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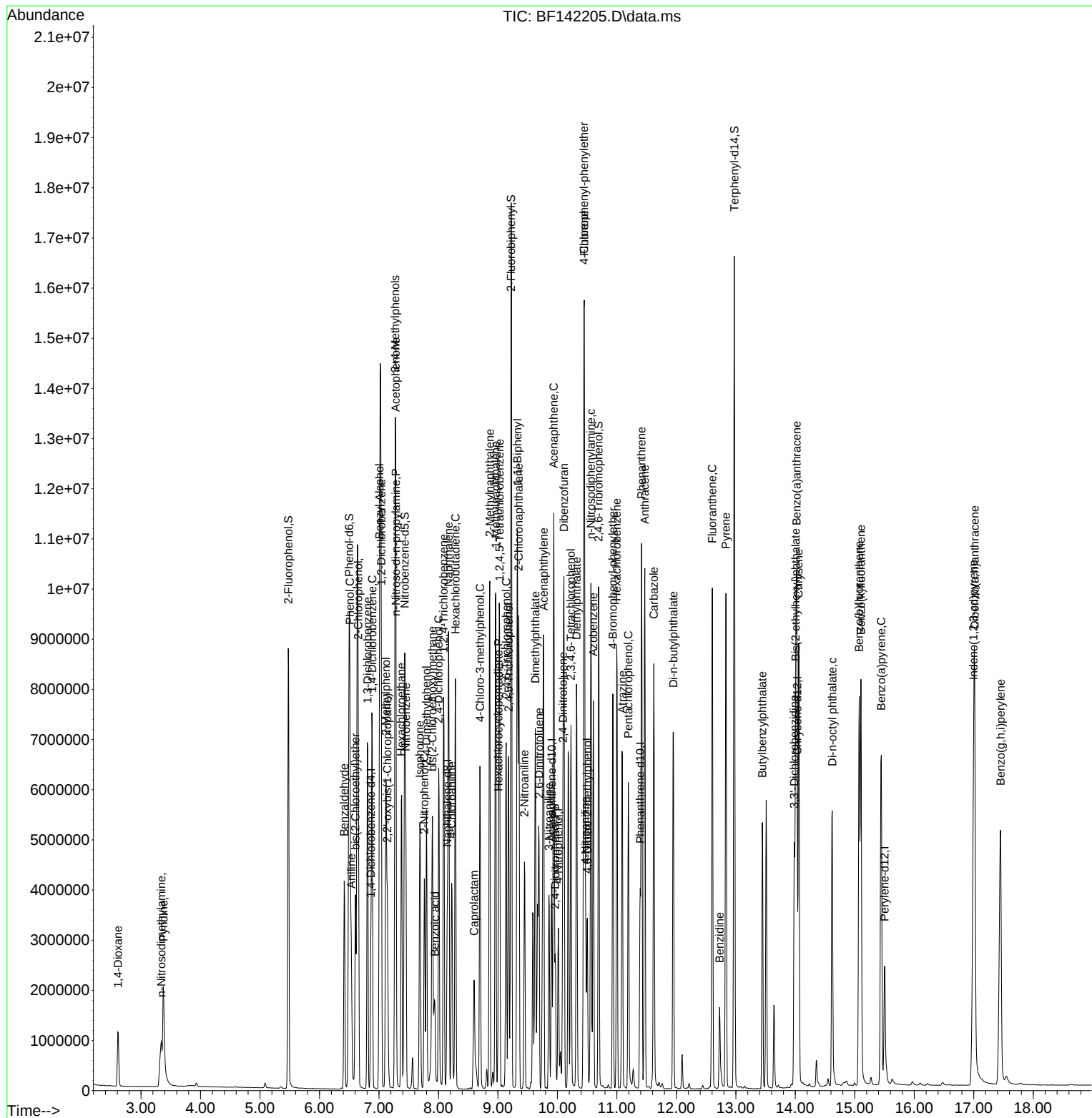
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	1601362	63.251	ng	98
46) 1,1'-Biphenyl	9.328	154	4807939	54.226	ng	95
47) 2-Chloronaphthalene	9.351	162	3945490	57.329	ng	97
48) 2-Nitroaniline	9.445	65	1018914	63.161	ng	98
49) Acenaphthylene	9.769	152	5336299	54.857	ng	95
50) Dimethylphthalate	9.628	163	4665173	58.846	ng	99
51) 2,6-Dinitrotoluene	9.692	165	1084356	60.923	ng	98
52) Acenaphthene	9.939	154	4089310	58.336	ng	98
53) 3-Nitroaniline	9.857	138	998302	58.536	ng	95
54) 2,4-Dinitrophenol	9.963	184	614577	70.499	ng	98
55) Dibenzofuran	10.110	168	5386705	54.813	ng	95
56) 4-Nitrophenol	10.016	139	828927	66.446	ng	96
57) 2,4-Dinitrotoluene	10.092	165	1452828	63.197	ng	99
58) Fluorene	10.451	166	4256894	55.996	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1446909	63.925	ng	98
60) Diethylphthalate	10.322	149	4278367	57.794	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	2422507	57.874	ng	98
62) 4-Nitroaniline	10.475	138	1028845	63.469	ng	99
63) Azobenzene	10.604	77	3681883	57.118	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	826648	67.574	ng	99
66) n-Nitrosodiphenylamine	10.563	169	3742449	58.266	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1654029	60.013	ng	99
68) Hexachlorobenzene	10.998	284	1952979	59.544	ng	99
69) Atrazine	11.092	200	1461012	93.209	ng	99
70) Pentachlorophenol	11.192	266	1160747	69.373	ng	99
71) Phenanthrene	11.416	178	5691957	54.693	ng	95
72) Anthracene	11.469	178	5713319	54.904	ng	95
73) Carbazole	11.622	167	5095707	56.052	ng	96
74) Di-n-butylphthalate	11.951	149	5379091	57.167	ng	97
75) Fluoranthene	12.604	202	5780606	53.436	ng	96
77) Benzidine	12.727	184	1151428	66.175	ng	99
78) Pyrene	12.833	202	5713416	53.353	ng	95
80) Butylbenzylphthalate	13.445	149	1813777	69.977	ng	99
81) Benzo(a)anthracene	14.021	228	4813166	58.938	ng	97
82) 3,3'-Dichlorobenzidine	13.980	252	1663107	68.388	ng	99
83) Chrysene	14.057	228	4537776	57.672	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	2447206	70.574	ng	99
85) Di-n-octyl phthalate	14.621	149	4168419	67.873	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	6529994	60.544	ng	99
88) Benzo(b)fluoranthene	15.074	252	5031379	58.339	ng	98
89) Benzo(k)fluoranthene	15.104	252	5107601	59.880	ng	98
90) Benzo(a)pyrene	15.445	252	4675726	60.580	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	5326001	60.536	ng	99
92) Benzo(g,h,i)perylene	17.451	276	5580301	60.896	ng	100

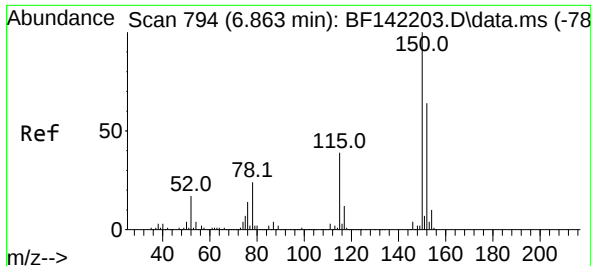
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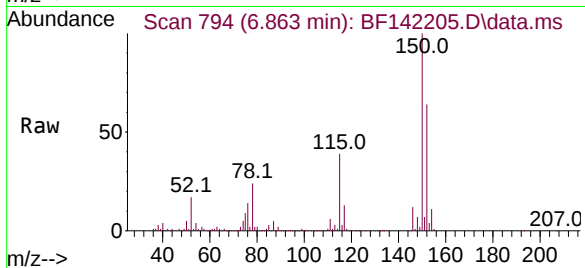
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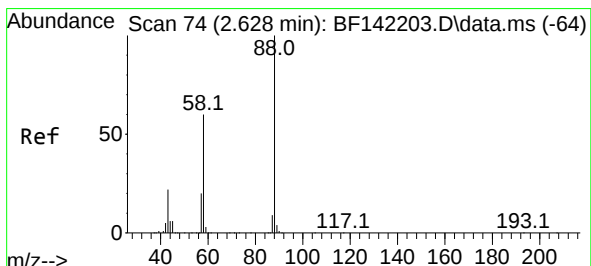
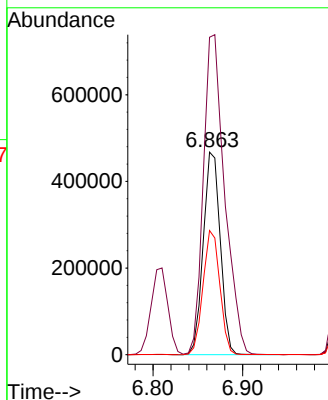
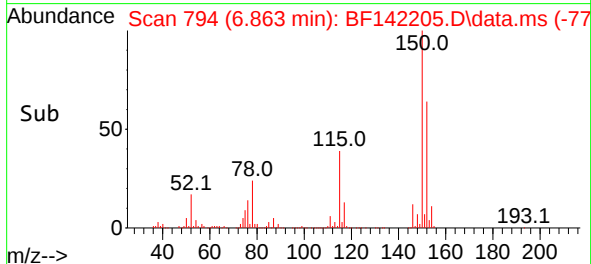


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

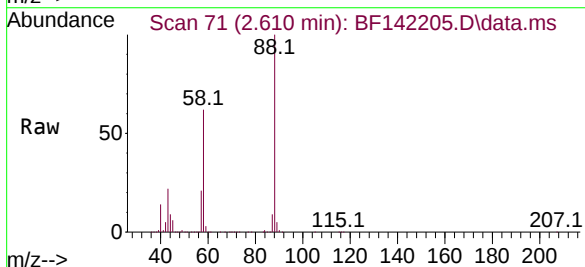
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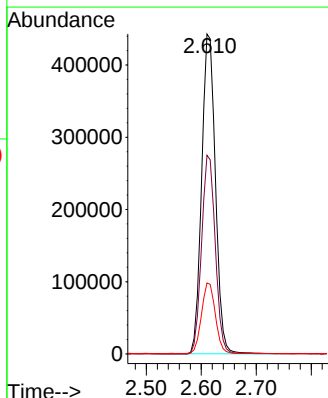
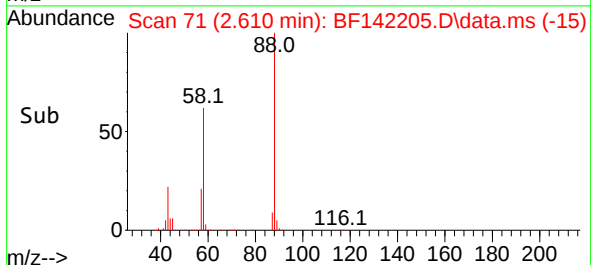
Tgt Ion:152 Resp: 616279
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.4 189.6
 115 61.3 49.4 74.2

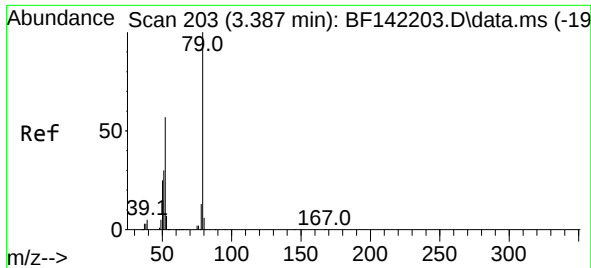


#2
 1,4-Dioxane
 Concen: 57.714 ng
 RT: 2.610 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02



Tgt Ion: 88 Resp: 770065
 Ion Ratio Lower Upper
 88 100
 58 62.0 47.8 71.6
 43 22.2 17.8 26.8

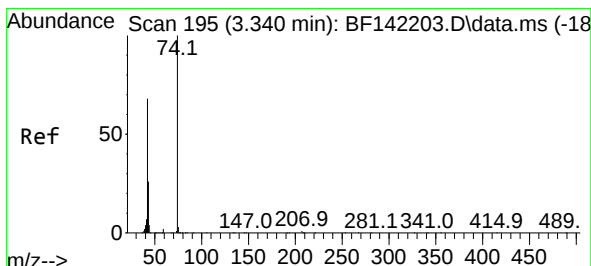
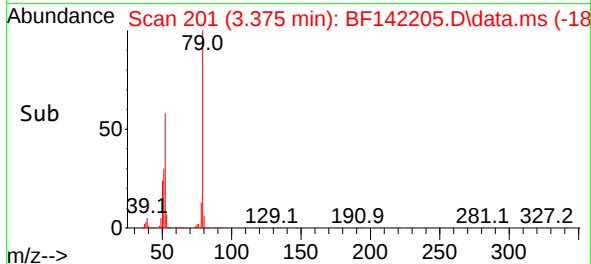
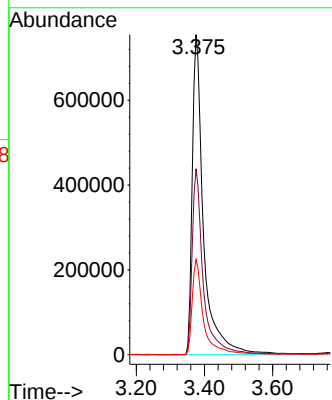
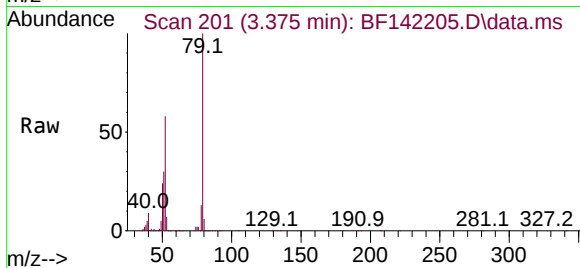




#3
Pyridine
Concen: 60.069 ng
RT: 3.375 min Scan# 203
Delta R.T. -0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

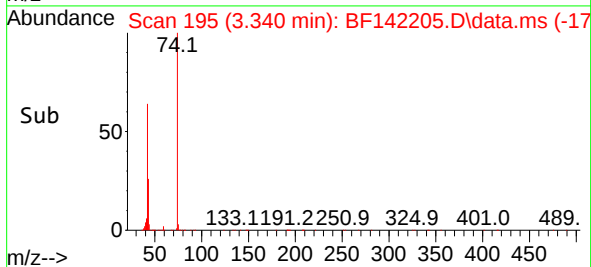
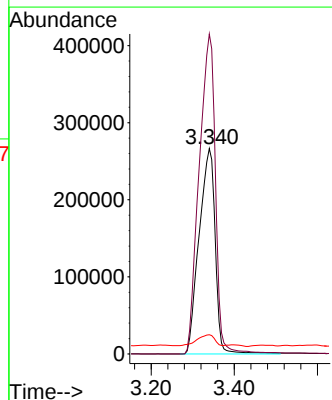
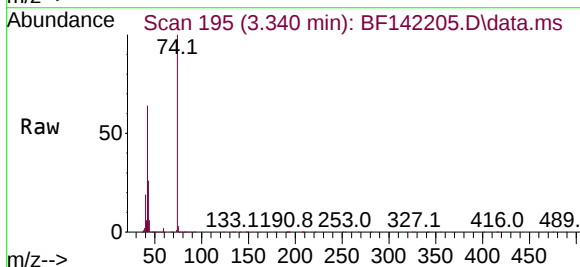
Instrument :
BNA_F
ClientSampleId :

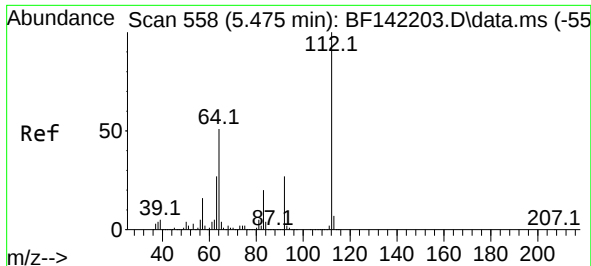
Tgt Ion: 79 Resp: 1739640
Ion Ratio Lower Upper
79 100
52 58.1 45.8 68.8
51 29.8 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 61.193 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 42 Resp: 719585
Ion Ratio Lower Upper
42 100
74 155.8 117.4 176.0
44 9.4 9.5 14.3#

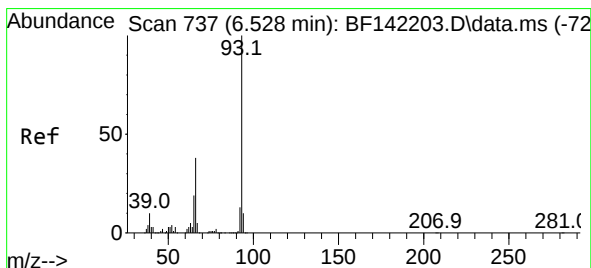
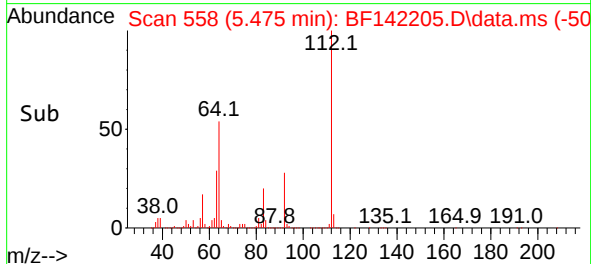
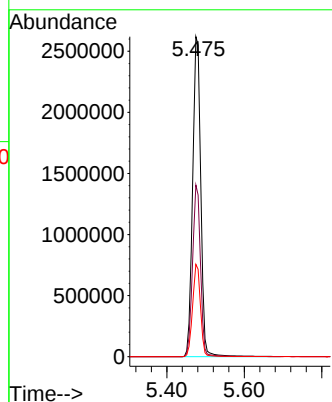
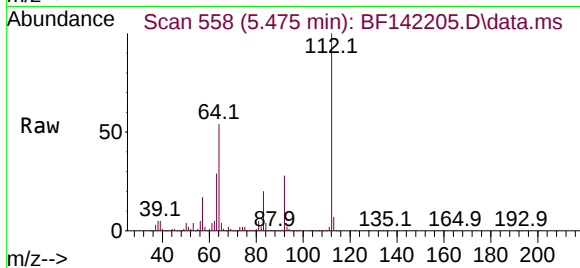




#5
2-Fluorophenol
Concen: 116.019 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

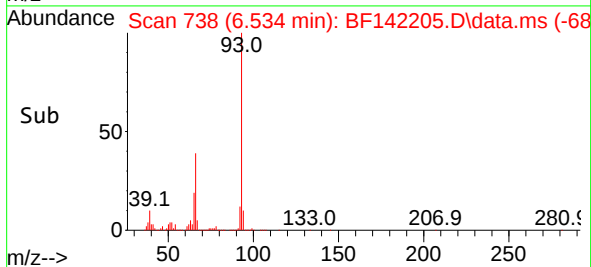
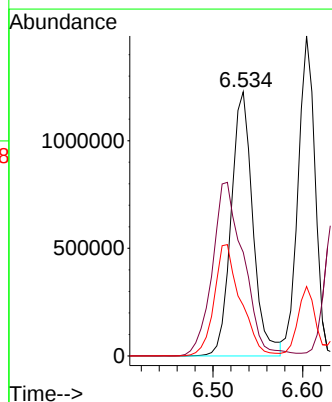
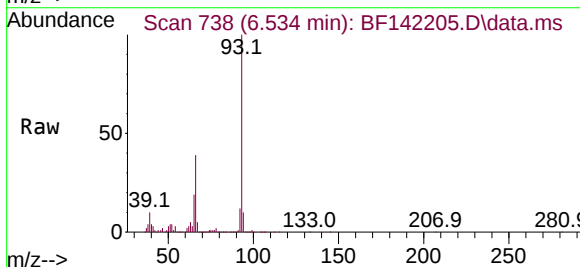
Instrument :
BNA_F
ClientSampleId :

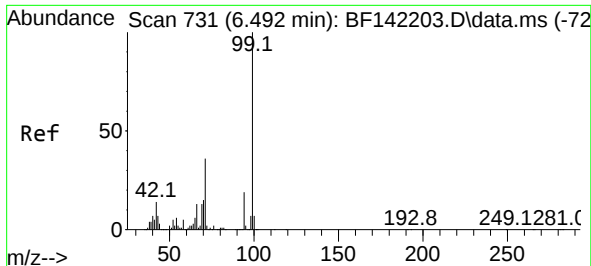
Tgt Ion:112 Resp: 3813648
Ion Ratio Lower Upper
112 100
64 53.7 40.9 61.3
63 28.9 22.0 33.0



#6
Aniline
Concen: 54.231 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 93 Resp: 2061385
Ion Ratio Lower Upper
93 100
66 39.3 30.9 46.3
65 19.2 15.1 22.7

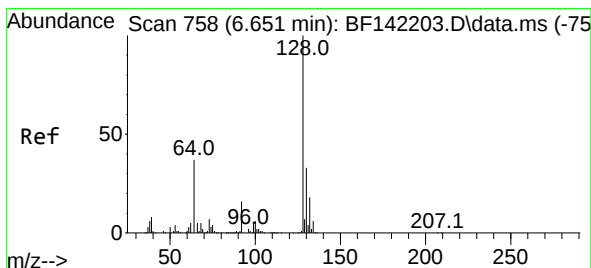
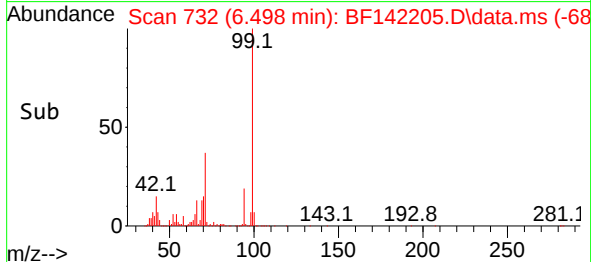
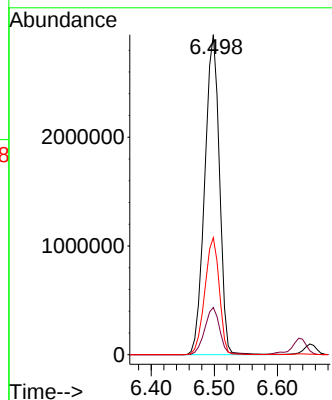
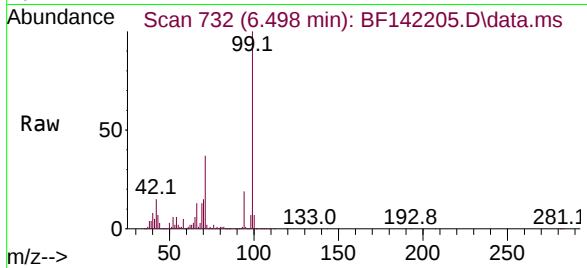




#7
Phenol-d6
Concen: 115.848 ng
RT: 6.498 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

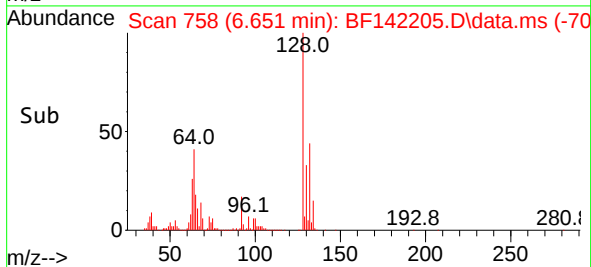
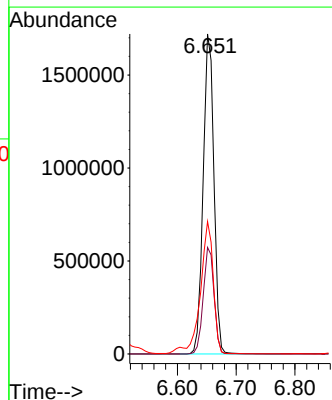
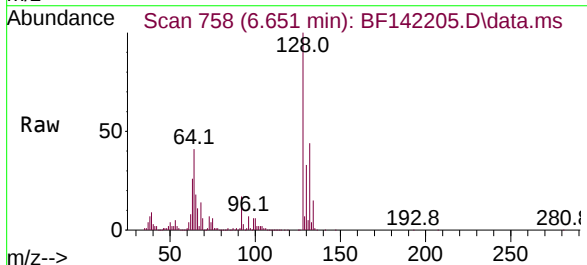
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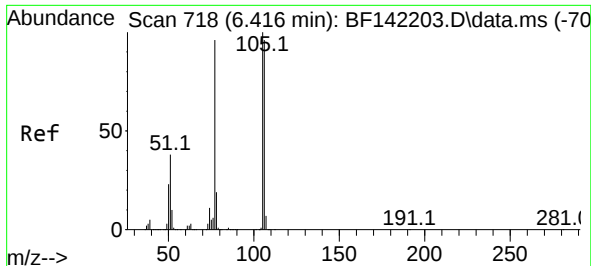
Tgt Ion: 99 Resp: 4769026
Ion Ratio Lower Upper
99 100
42 14.8 11.5 17.3
71 36.5 28.6 42.8



#8
2-Chlorophenol
Concen: 58.329 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:128 Resp: 2194700
Ion Ratio Lower Upper
128 100
130 33.3 13.0 53.0
64 41.4 18.8 58.8

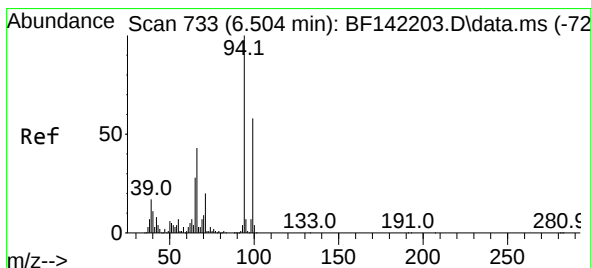
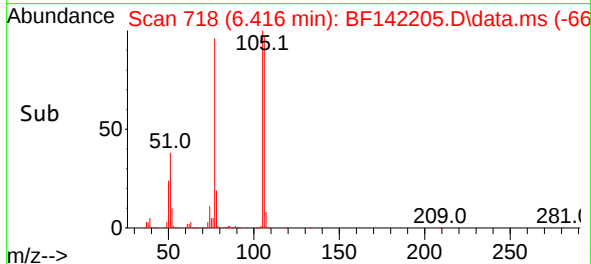
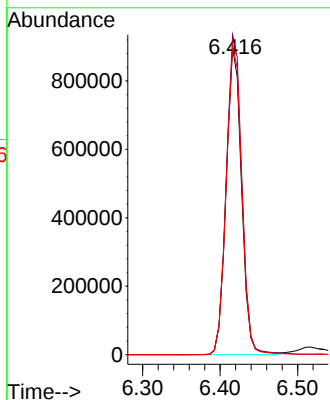
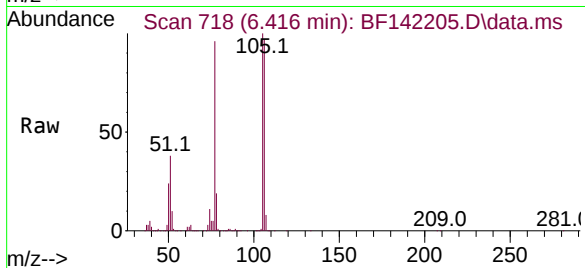




#9
Benzaldehyde
Concen: 54.816 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

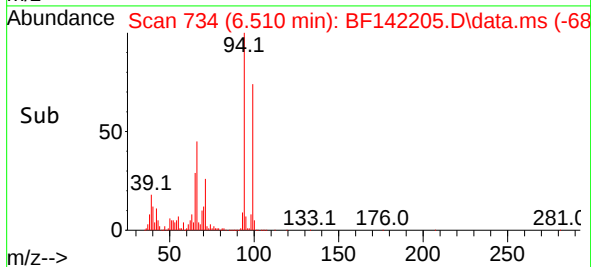
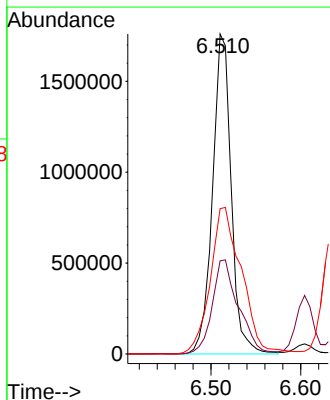
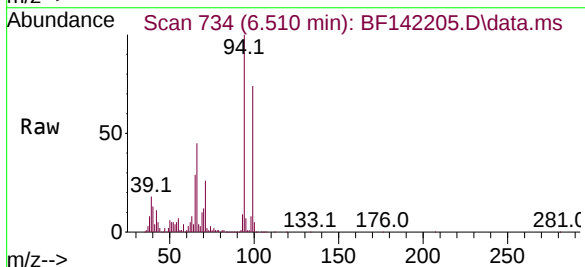
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ClientSampleId :

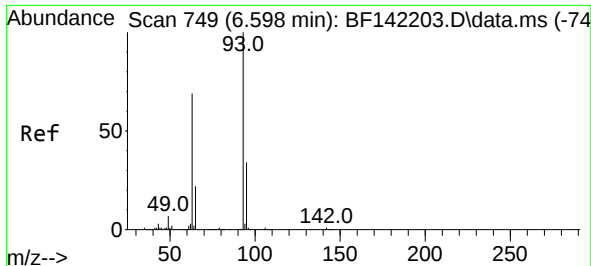
Tgt Ion: 77 Resp: 1238932
Ion Ratio Lower Upper
77 100
105 104.4 84.4 124.4
106 101.0 80.3 120.3



#10
Phenol
Concen: 58.619 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion: 94 Resp: 2545250
Ion Ratio Lower Upper
94 100
65 29.1 8.1 48.1
66 45.4 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 59.745 ng

RT: 6.604 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

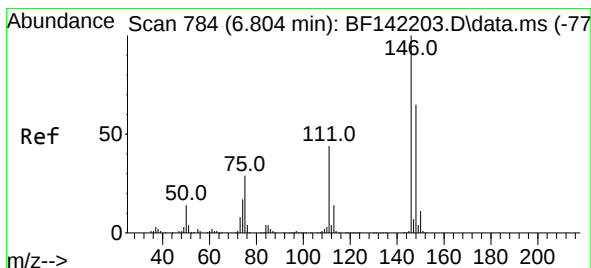
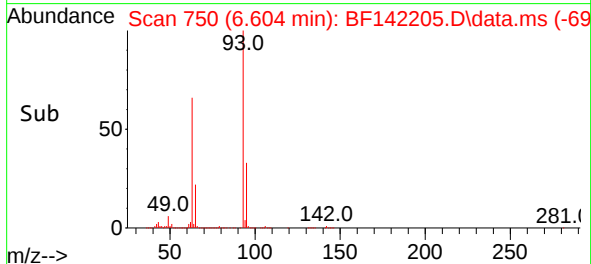
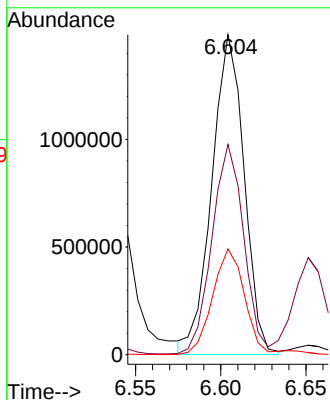
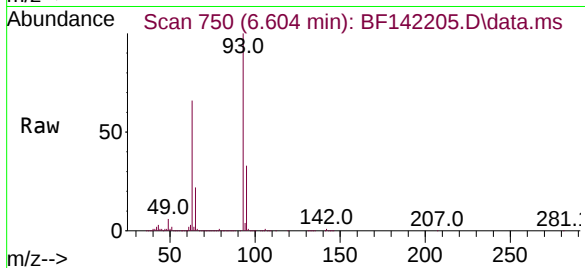
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93 Resp: 1956282

Ion	Ratio	Lower	Upper
93	100		
63	65.7	47.9	87.9
95	33.1	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 57.038 ng

RT: 6.810 min Scan# 785

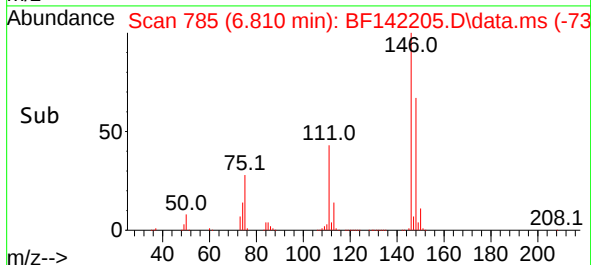
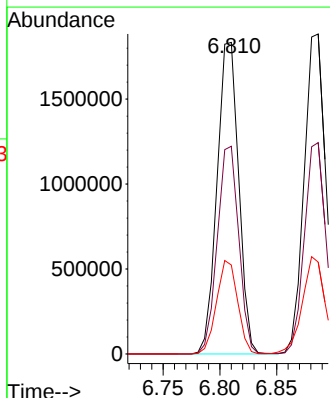
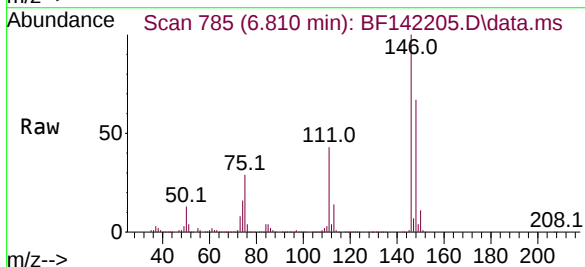
Delta R.T. 0.006 min

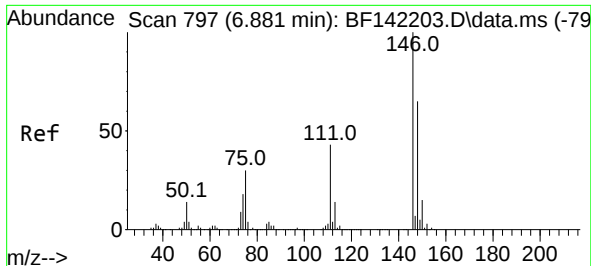
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:146 Resp: 2431944

Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.7	77.5
75	28.5	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 56.713 ng

RT: 6.887 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

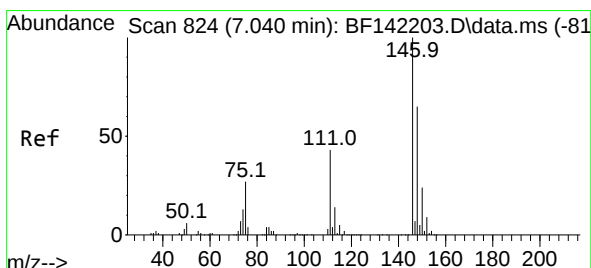
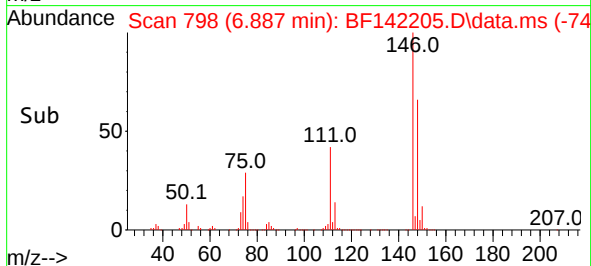
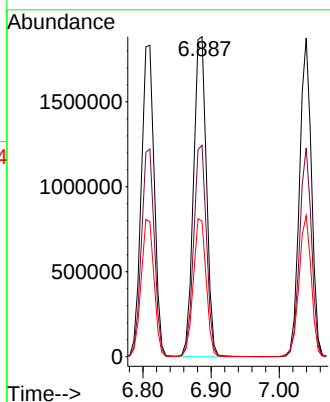
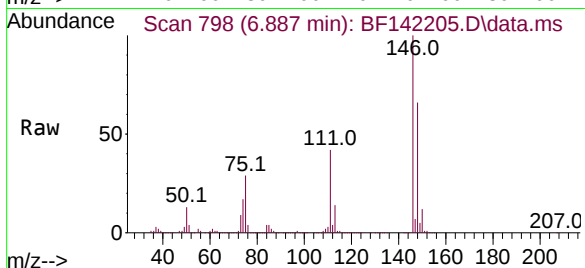
Tgt Ion:146 Resp: 2480068

Ion Ratio Lower Upper

146 100

148 66.1 52.4 78.6

111 42.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 56.008 ng

RT: 7.040 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

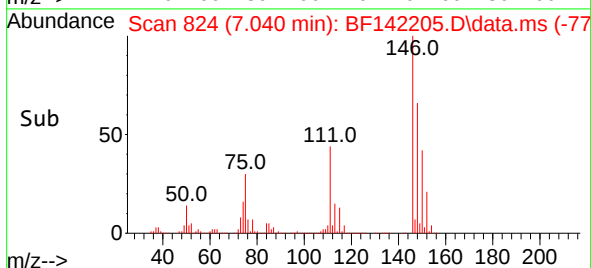
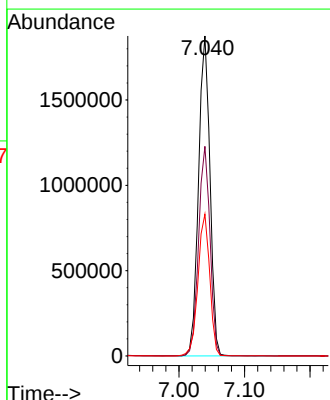
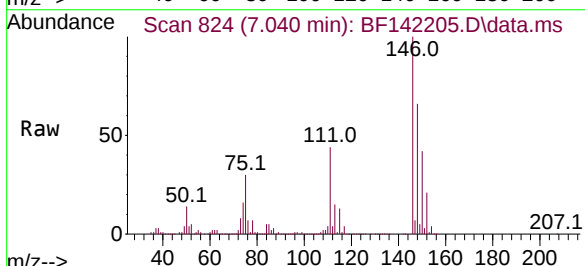
Tgt Ion:146 Resp: 2278503

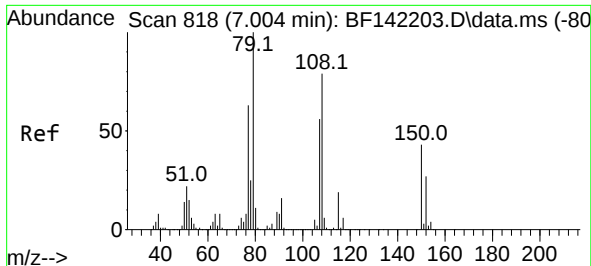
Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

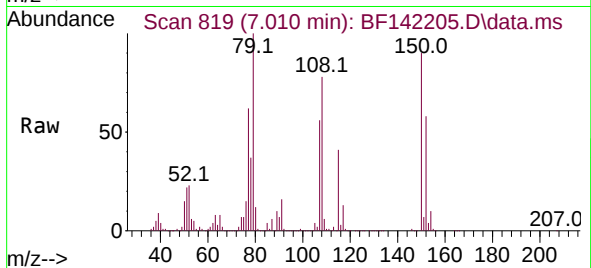
111 44.3 34.2 51.4



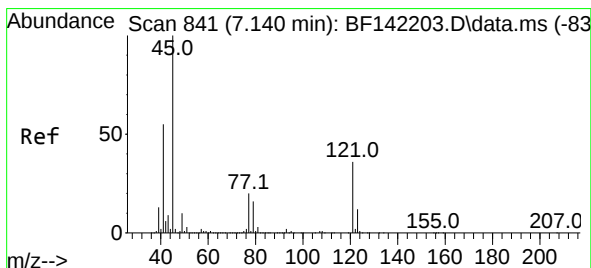
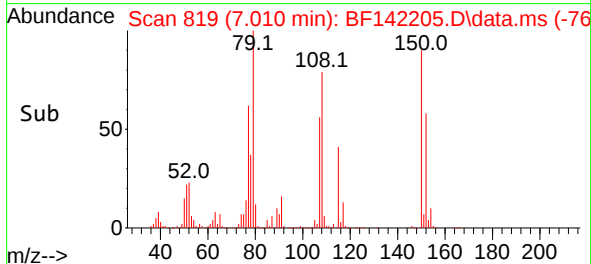
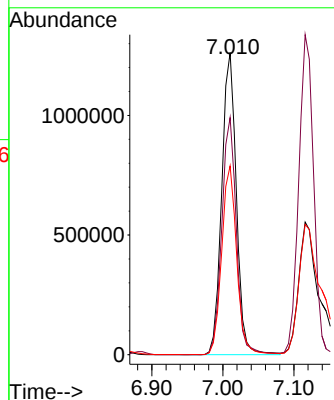


#15
Benzyl Alcohol
Concen: 59.747 ng
RT: 7.010 min Scan# 818
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

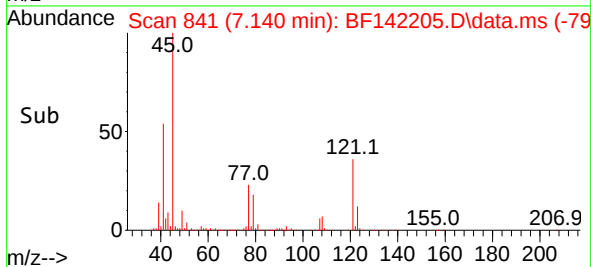
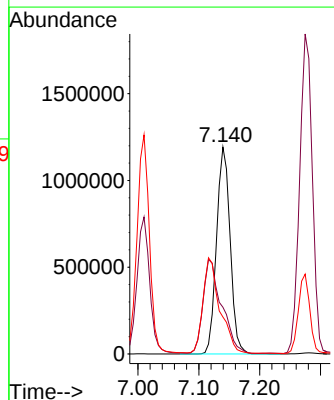
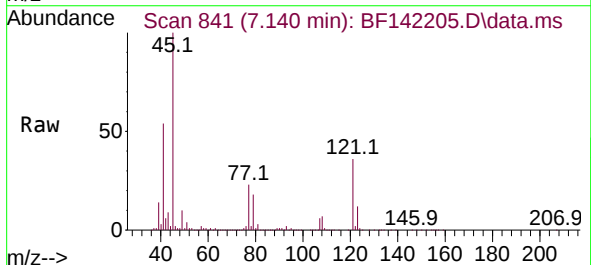


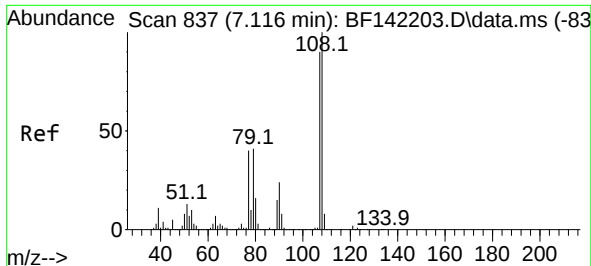
Tgt Ion: 79 Resp: 1793329
Ion Ratio Lower Upper
79 100
108 78.5 63.1 94.7
77 62.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.167 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

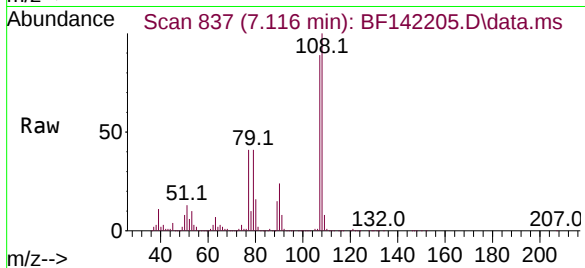
Tgt Ion: 45 Resp: 1846107
Ion Ratio Lower Upper
45 100
77 22.6 1.4 41.4
79 17.9 0.0 36.7





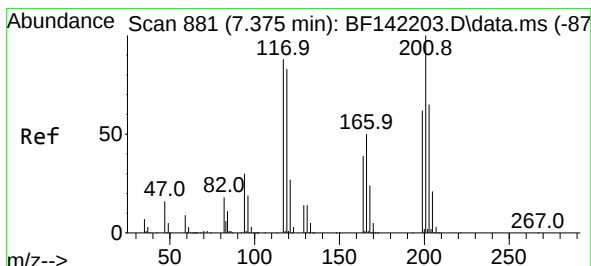
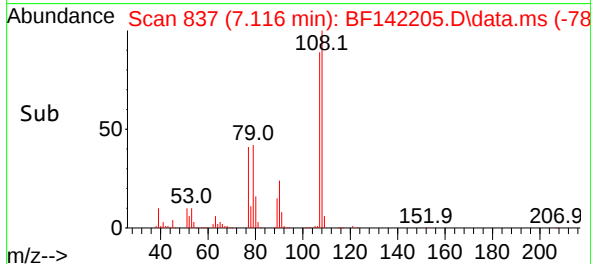
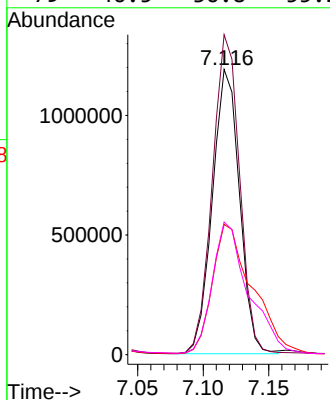
#17
2-Methylphenol
Concen: 60.320 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 1708169

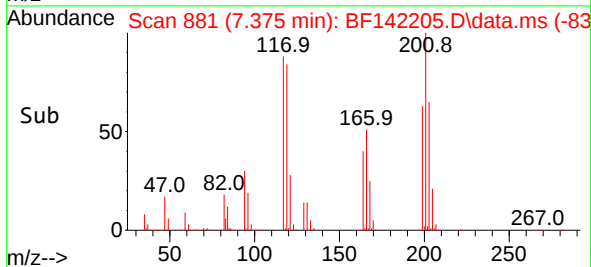
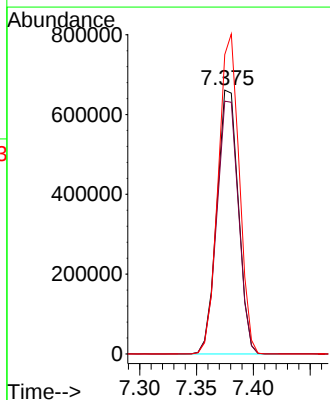
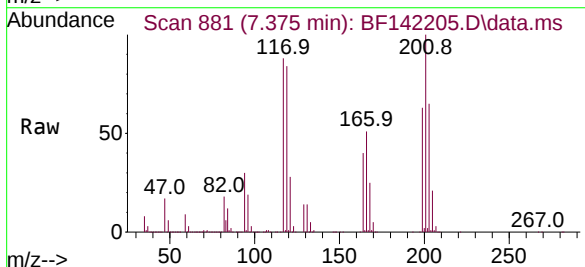
Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.4	134.2
77	45.7	36.3	54.5
79	46.5	36.8	55.2

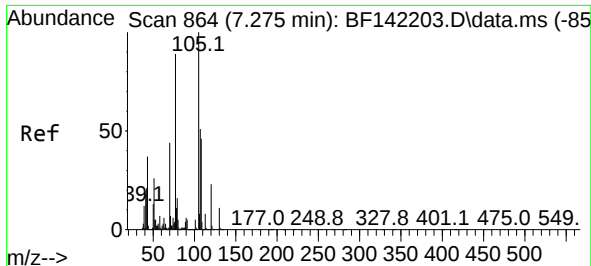


#18
Hexachloroethane
Concen: 58.707 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:117 Resp: 872149

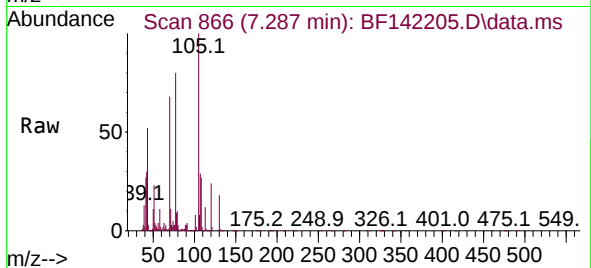
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	113.4	91.4	137.0



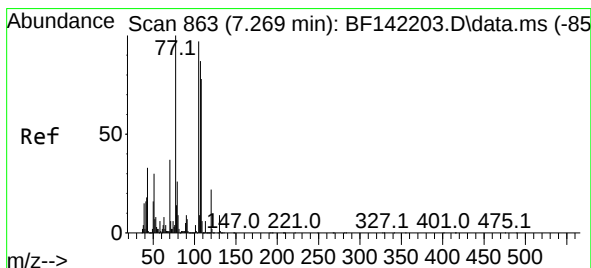
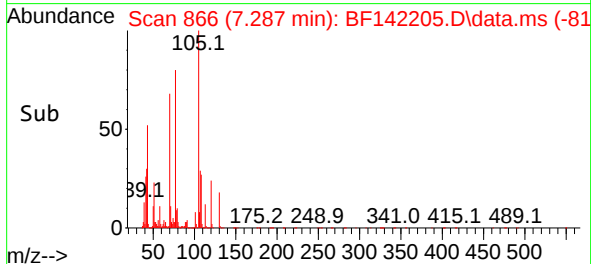
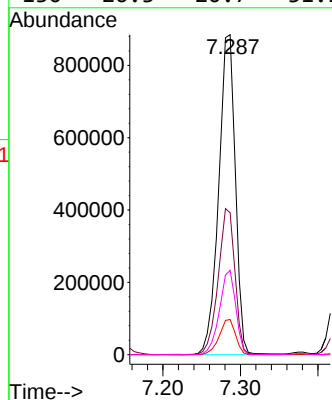


#19
n-Nitroso-di-n-propylamine
Concen: 56.810 ng
RT: 7.287 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

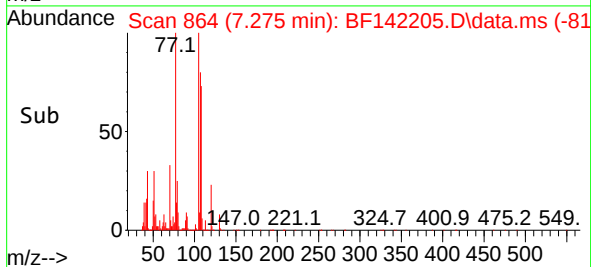
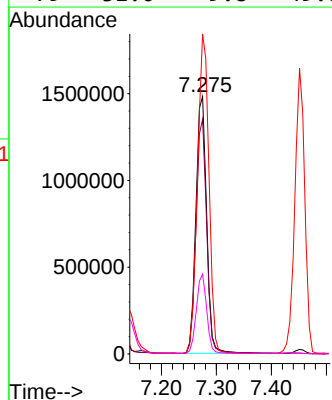
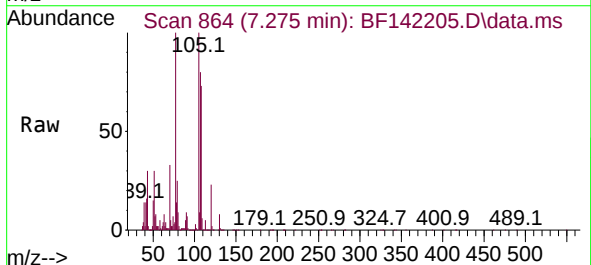


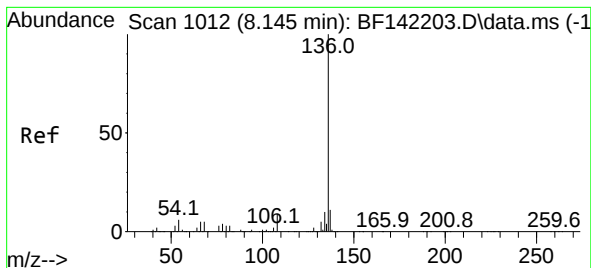
Tgt Ion: 70 Resp: 1322462
Ion Ratio Lower Upper
70 100
42 44.4 37.4 56.0
101 11.0 8.6 13.0
130 26.3 20.7 31.1



#20
3+4-Methylphenols
Concen: 56.985 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:107 Resp: 2007004
Ion Ratio Lower Upper
107 100
108 91.2 69.8 109.8
77 124.3 94.5 134.5
79 31.0 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1012

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 2213600

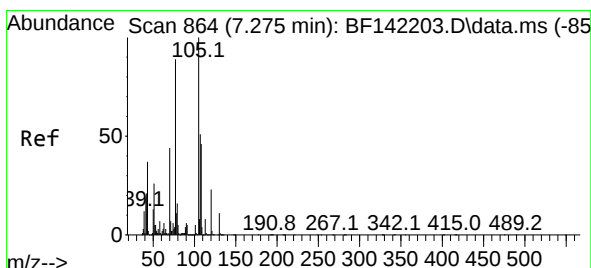
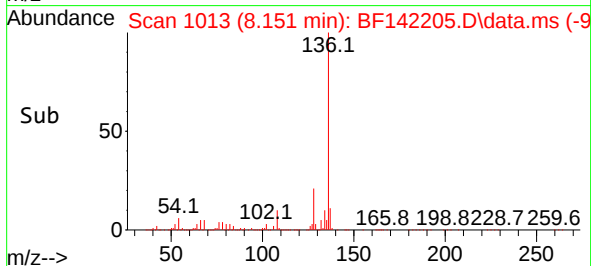
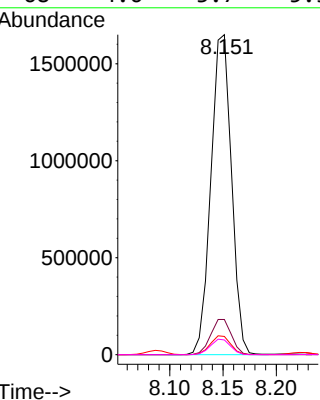
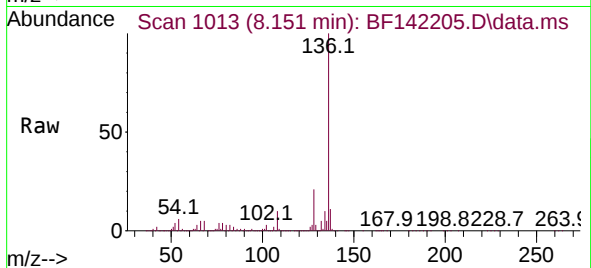
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.7 4.7 7.1

68 4.6 3.7 5.5



#22

Acetophenone

Concen: 57.210 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:105 Resp: 2779764

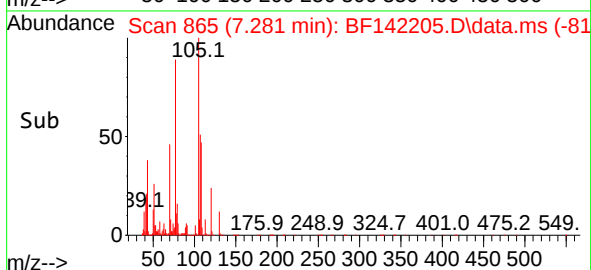
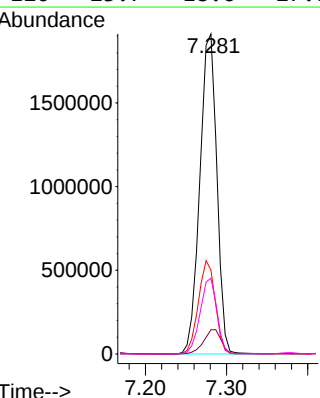
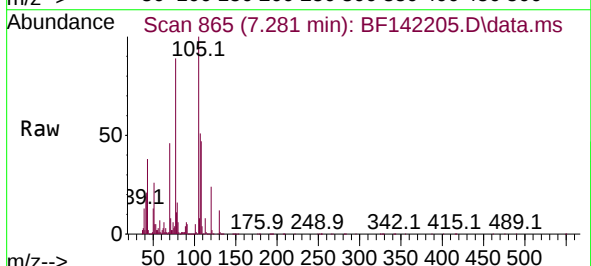
Ion Ratio Lower Upper

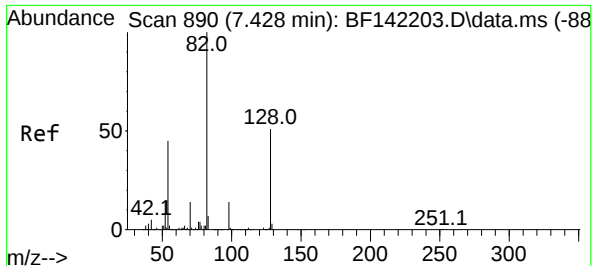
105 100

71 7.6 5.8 8.8

51 26.2 20.9 31.3

120 23.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 117.226 ng

RT: 7.434 min Scan# 890

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

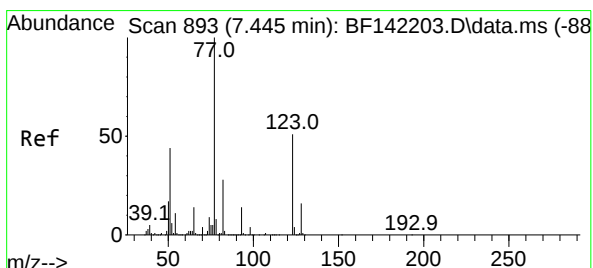
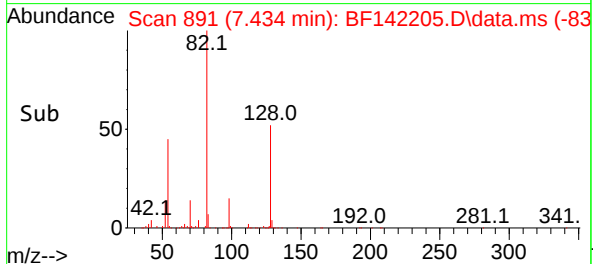
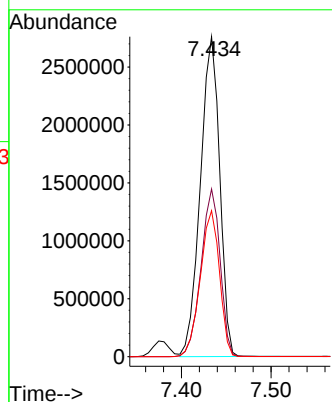
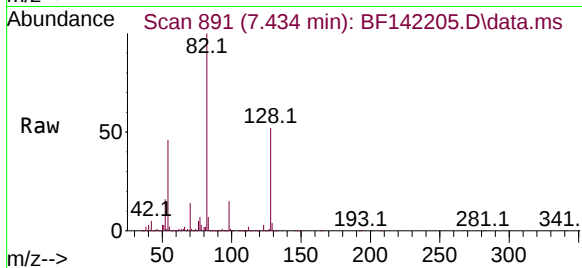
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 4131873

Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.2	60.2
54	45.6	35.5	53.3



#24

Nitrobenzene

Concen: 59.380 ng

RT: 7.451 min Scan# 894

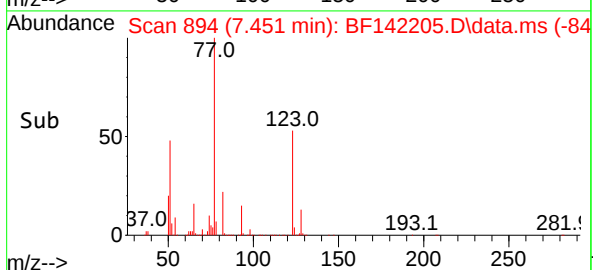
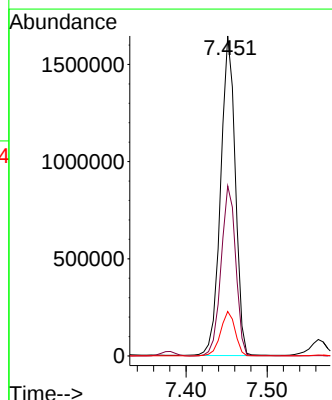
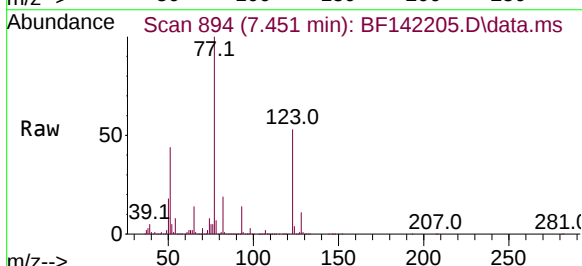
Delta R.T. 0.006 min

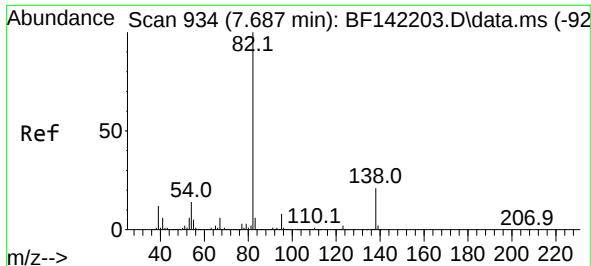
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion: 77 Resp: 2073500

Ion	Ratio	Lower	Upper
77	100		
123	53.2	40.7	61.1
65	13.9	10.9	16.3

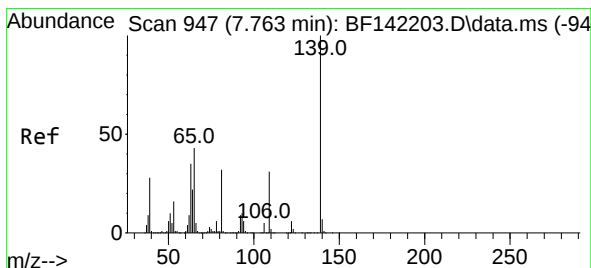
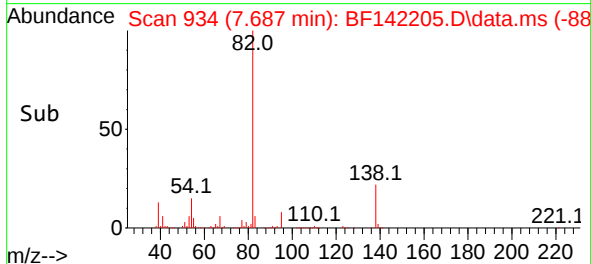
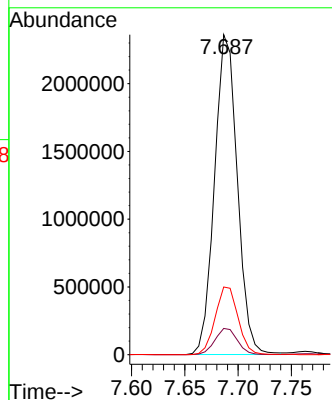
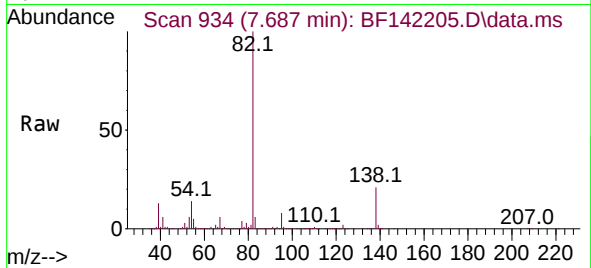




#25
Isophorone
Concen: 59.351 ng
RT: 7.687 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

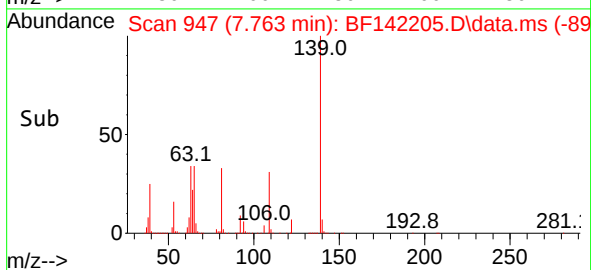
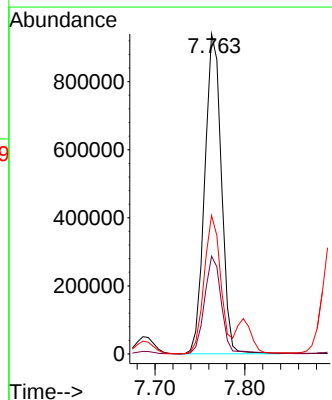
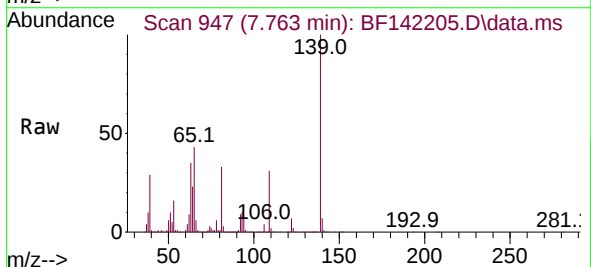
Instrument :
BNA_F
ClientSampleId :

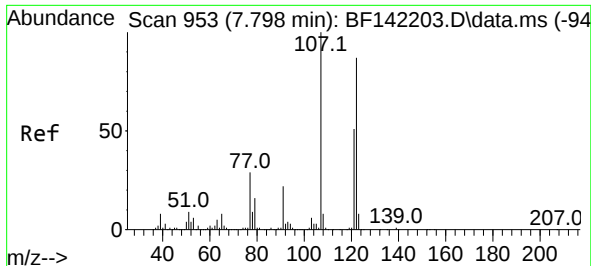
Tgt Ion: 82 Resp: 3511512
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.2 16.9 25.3



#26
2-Nitrophenol
Concen: 65.953 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:139 Resp: 1210574
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 43.3 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 62.800 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

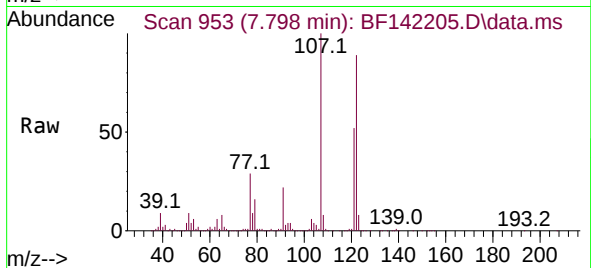
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :



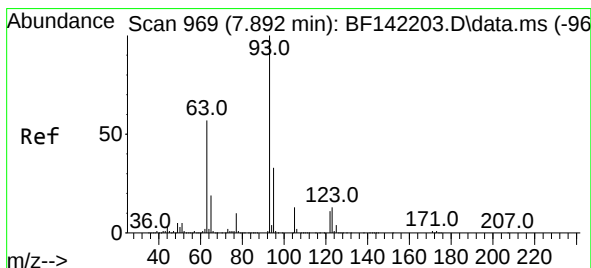
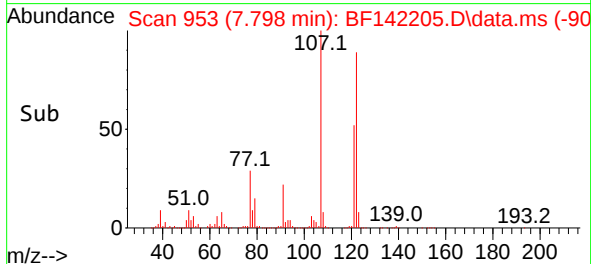
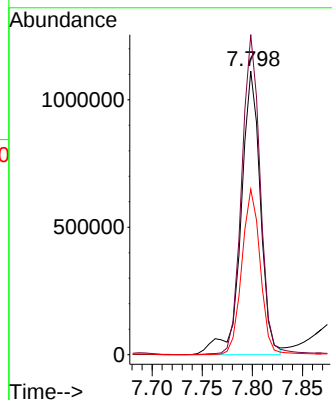
Tgt Ion:122 Resp: 1498782

Ion Ratio Lower Upper

122 100

107 112.9 91.6 137.4

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 58.837 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

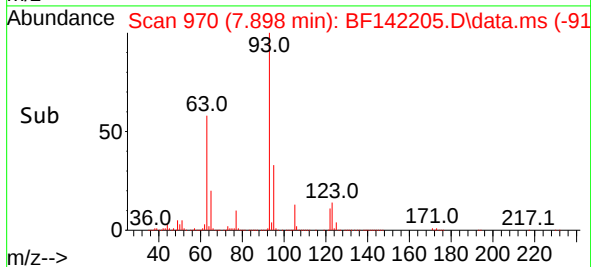
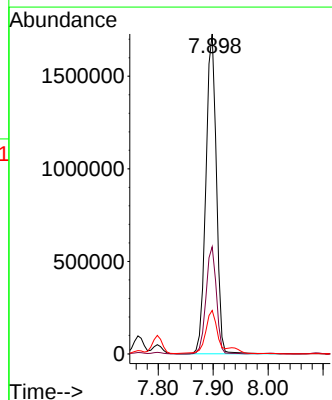
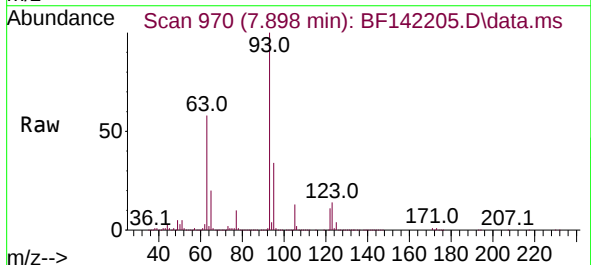
Tgt Ion: 93 Resp: 2284729

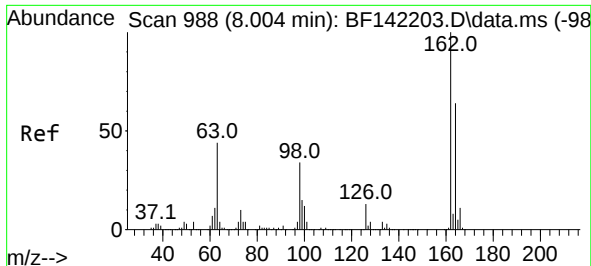
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 13.6 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 60.635 ng

RT: 8.004 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

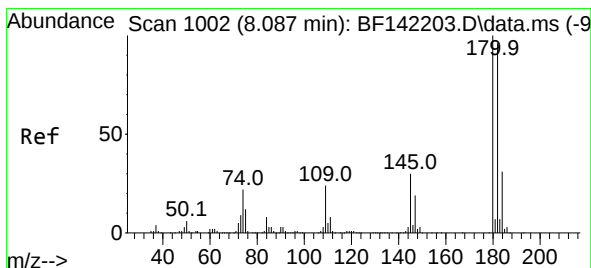
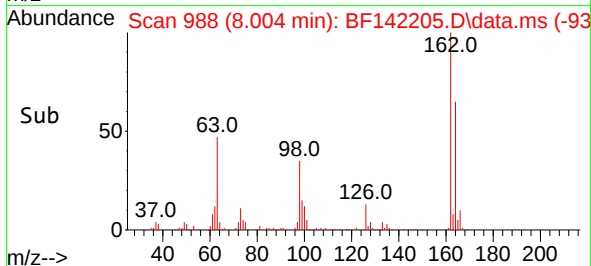
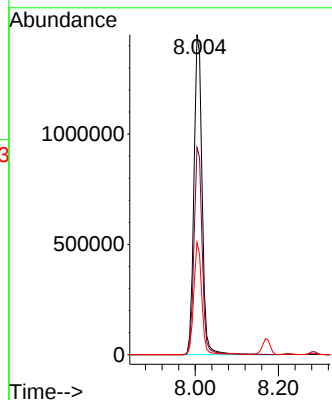
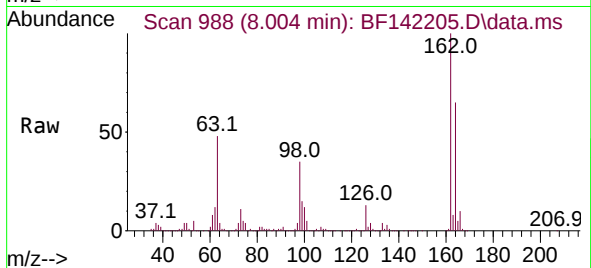
Tgt Ion:162 Resp: 1968171

Ion Ratio Lower Upper

162 100

164 64.7 44.2 84.2

98 35.0 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 58.767 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

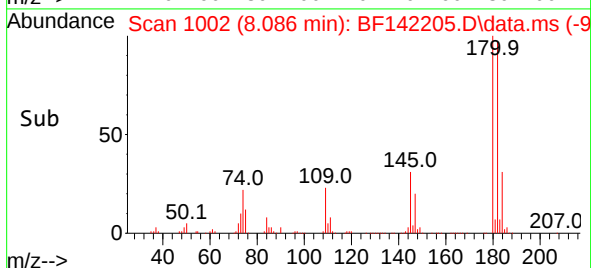
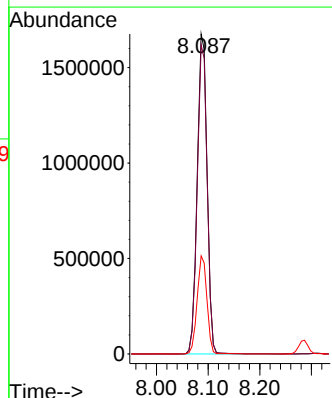
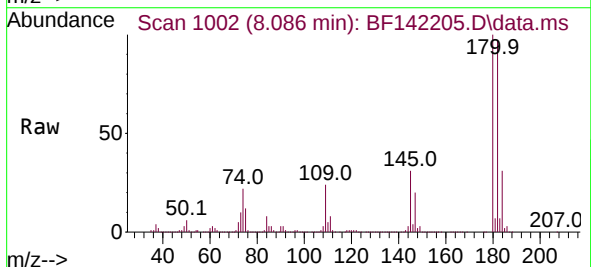
Tgt Ion:180 Resp: 2230724

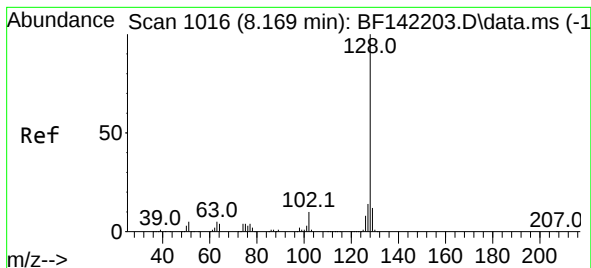
Ion Ratio Lower Upper

180 100

182 96.6 77.0 115.4

145 30.7 24.3 36.5





#31

Naphthalene

Concen: 54.088 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

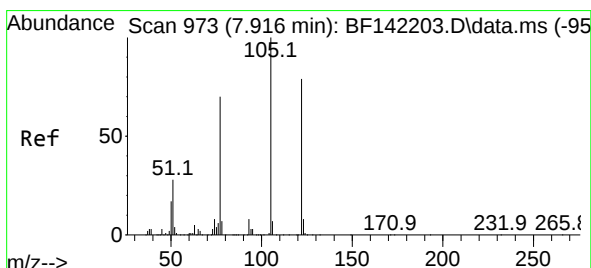
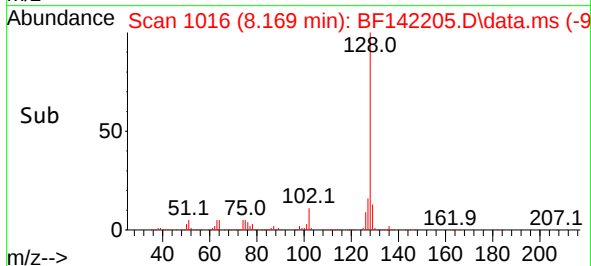
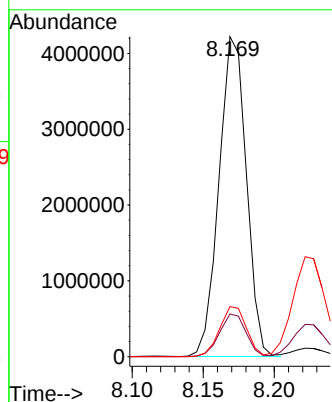
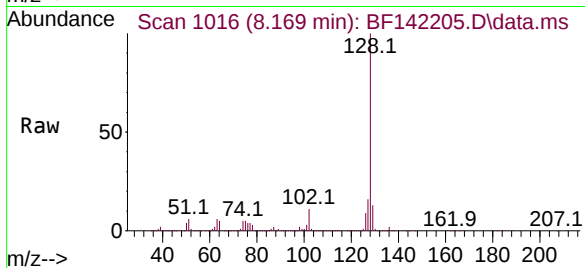
Tgt Ion:128 Resp: 5655869

Ion Ratio Lower Upper

128 100

129 13.4 9.6 14.4

127 15.7 11.4 17.0



#32

Benzoic acid

Concen: 61.384 ng

RT: 7.939 min Scan# 977

Delta R.T. 0.023 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

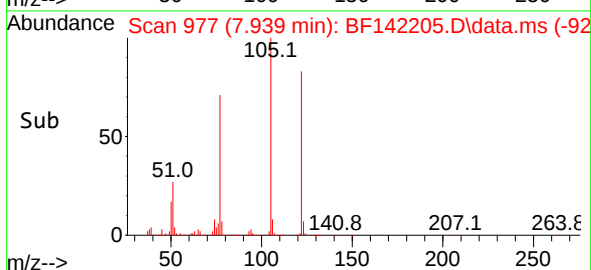
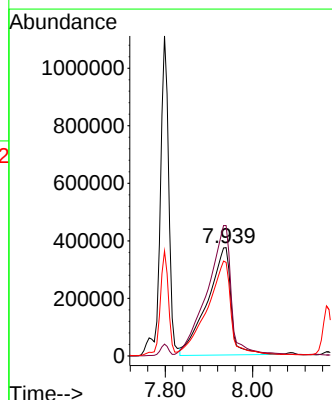
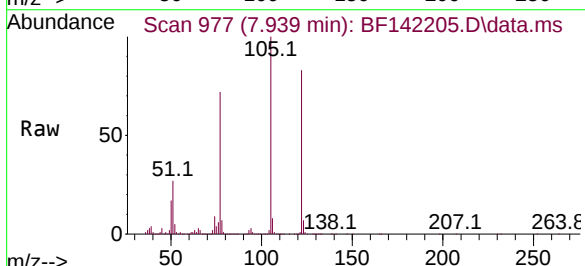
Tgt Ion:122 Resp: 1403483

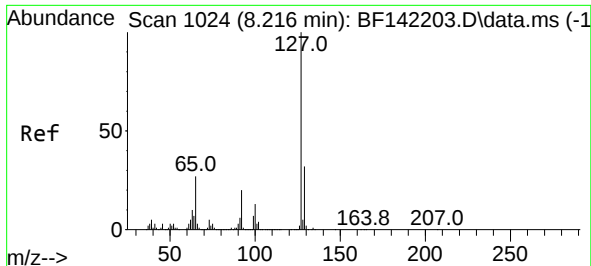
Ion Ratio Lower Upper

122 100

105 120.4 101.5 141.5

77 86.4 66.6 106.6

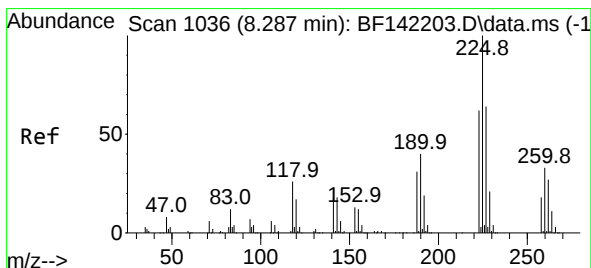
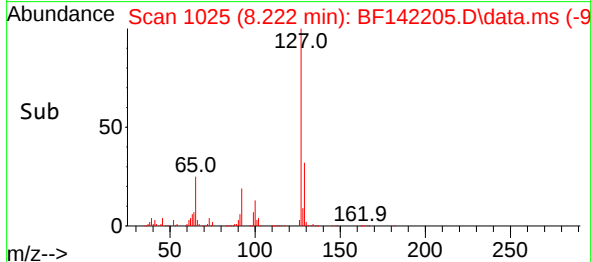
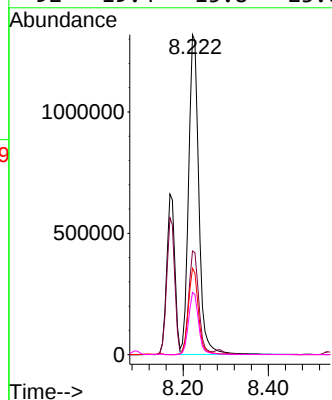
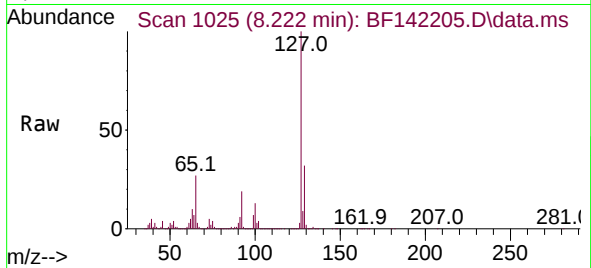




#33
4-Chloroaniline
Concen: 58.040 ng
RT: 8.222 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

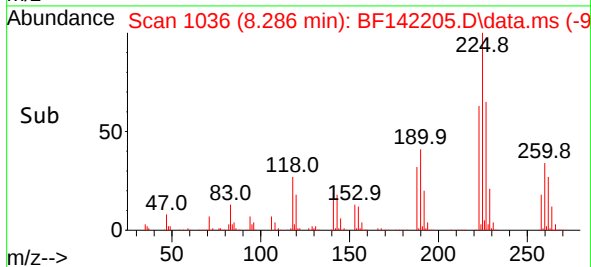
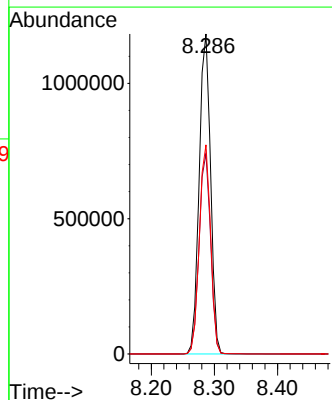
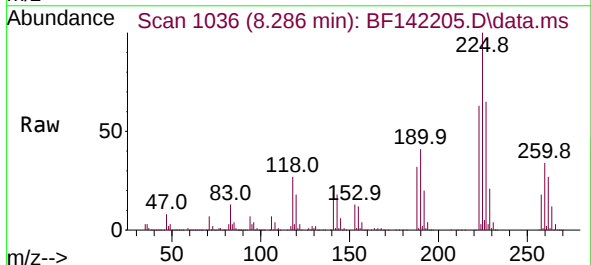
Instrument :
BNA_F
ClientSampleId :

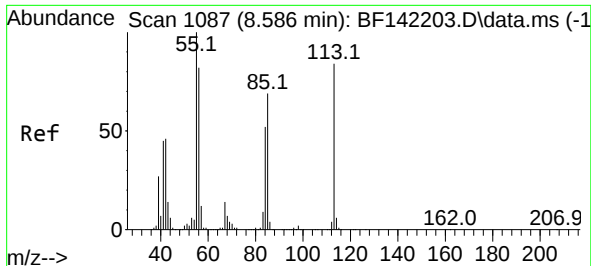
Tgt Ion:127 Resp: 2197559
Ion Ratio Lower Upper
127 100
129 32.4 25.9 38.9
65 27.0 21.8 32.6
92 19.4 15.8 23.6



#34
Hexachlorobutadiene
Concen: 58.924 ng
RT: 8.286 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

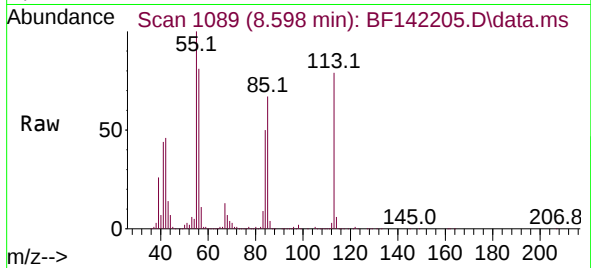
Tgt Ion:225 Resp: 1476054
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.2
227 65.3 51.4 77.2



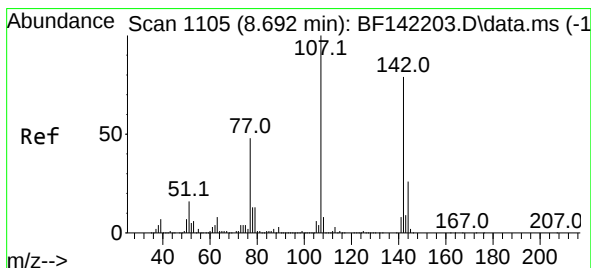
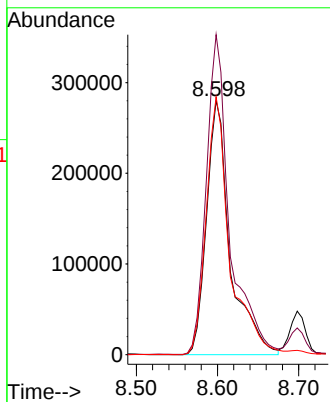
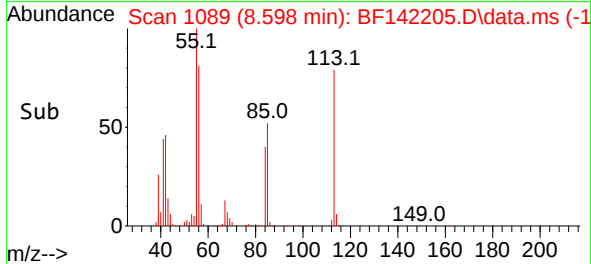


#35
 Caprolactam
 Concen: 65.386 ng
 RT: 8.598 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Instrument :
 BNA_F
 ClientSampleId :

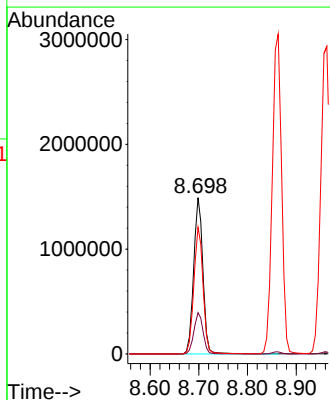
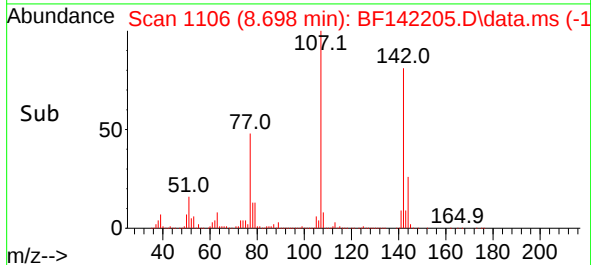
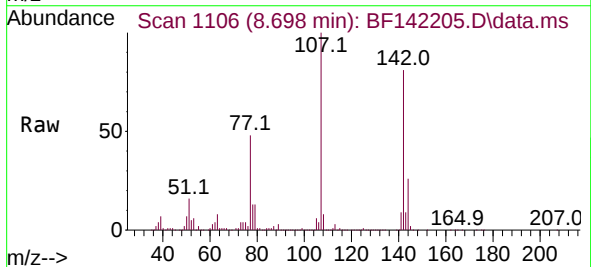


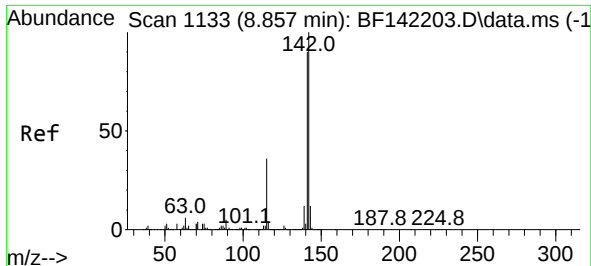
Tgt Ion:113 Resp: 566180
 Ion Ratio Lower Upper
 113 100
 55 125.9 99.5 139.5
 56 101.4 78.1 118.1



#36
 4-Chloro-3-methylphenol
 Concen: 60.544 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Tgt Ion:107 Resp: 1978240
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.6 30.8
 142 80.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 55.813 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

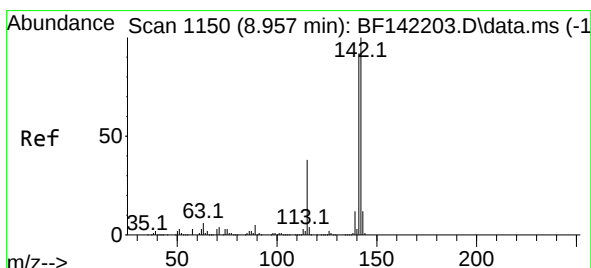
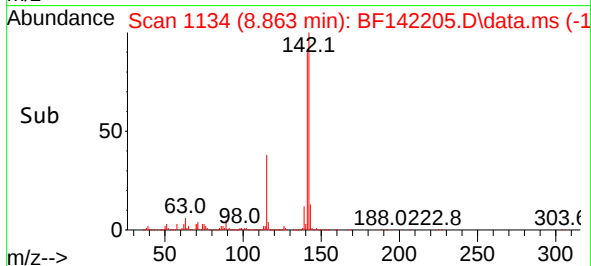
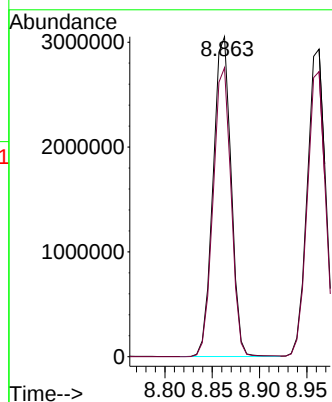
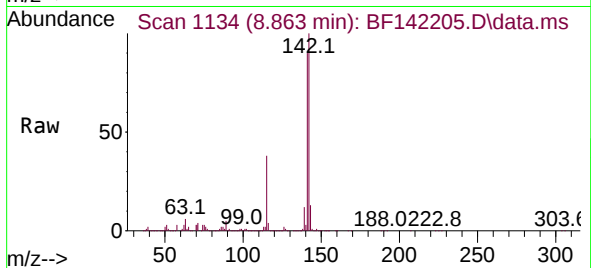
ClientSampleId :

Tgt Ion:142 Resp: 4033478

Ion Ratio Lower Upper

142 100

141 90.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 55.757 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142205.D

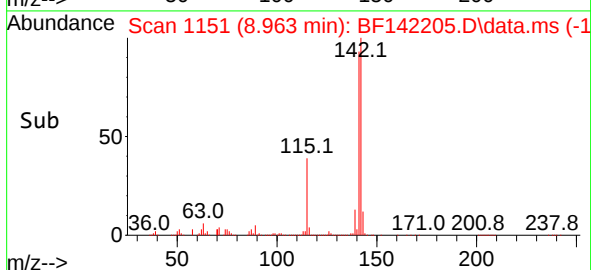
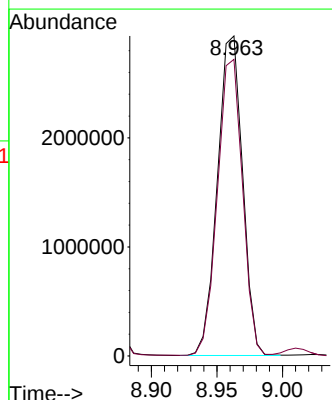
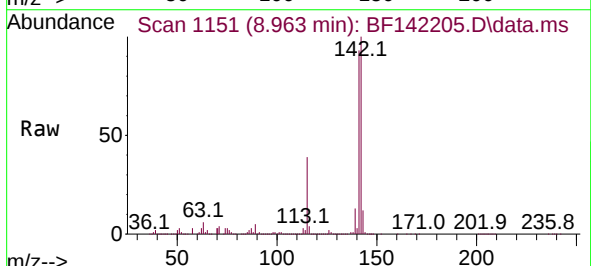
Acq: 21 Apr 2025 14:02

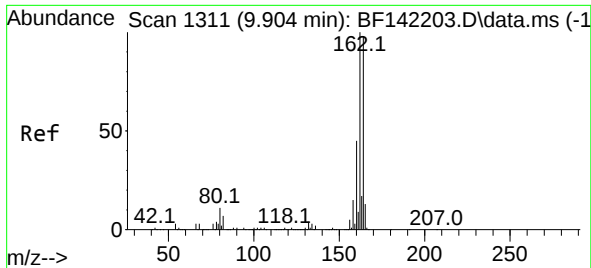
Tgt Ion:142 Resp: 3901433

Ion Ratio Lower Upper

142 100

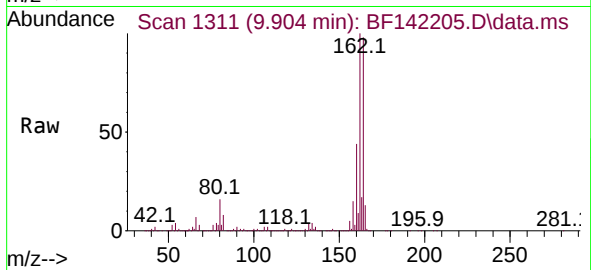
141 92.7 73.3 109.9



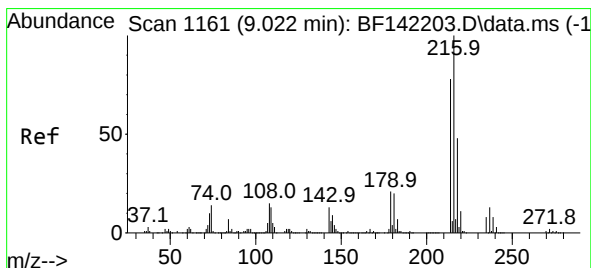
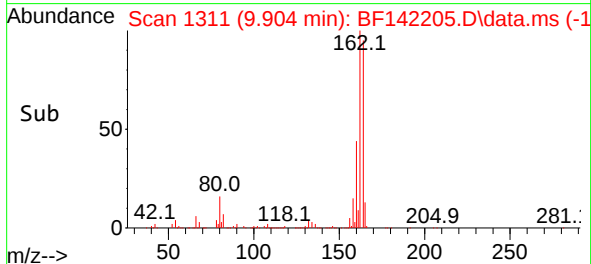
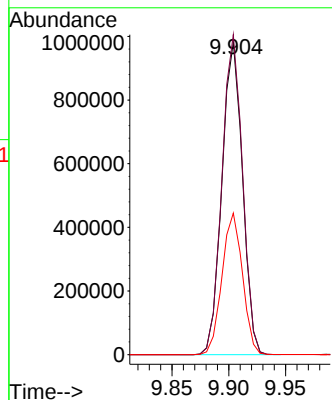


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

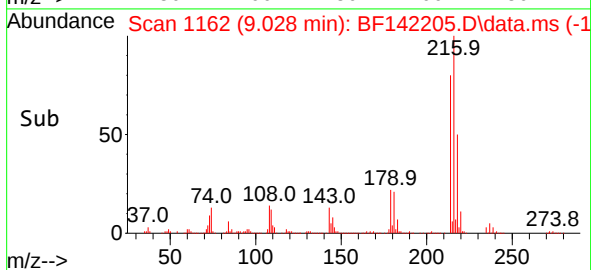
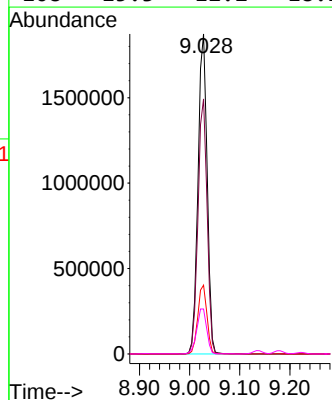
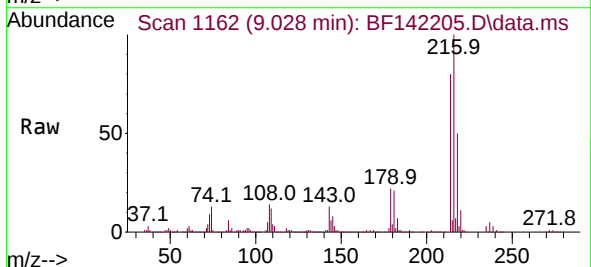


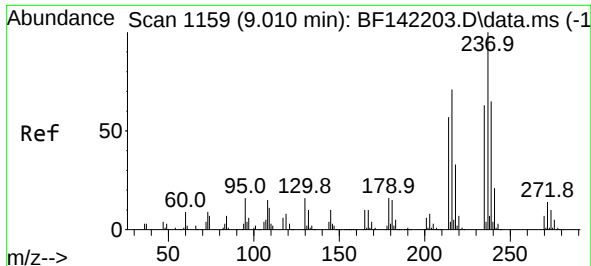
Tgt Ion:164 Resp: 1236465
Ion Ratio Lower Upper
164 100
162 102.3 81.9 122.9
160 45.3 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.468 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

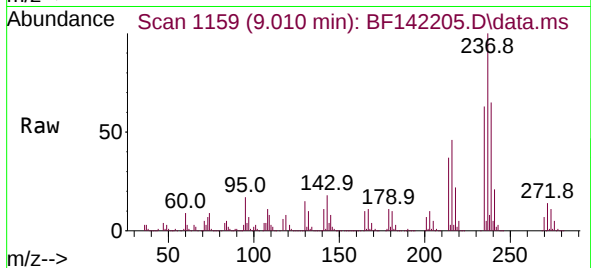
Tgt Ion:216 Resp: 2365444
Ion Ratio Lower Upper
216 100
214 79.7 62.7 94.1
179 21.6 16.7 25.1
108 15.3 12.2 18.2



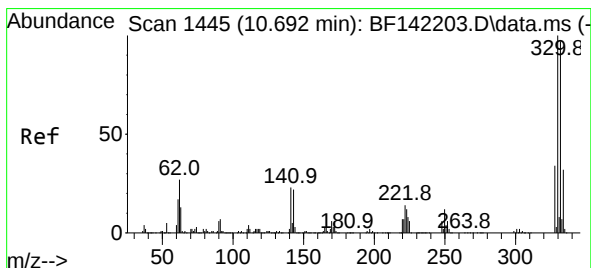
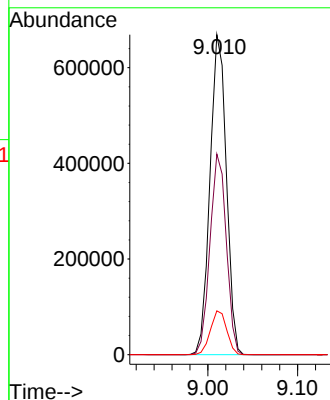
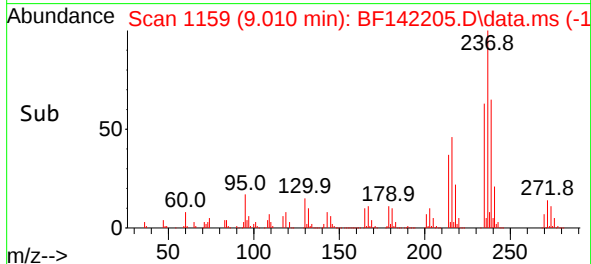


#41
Hexachlorocyclopentadiene
Concen: 68.276 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

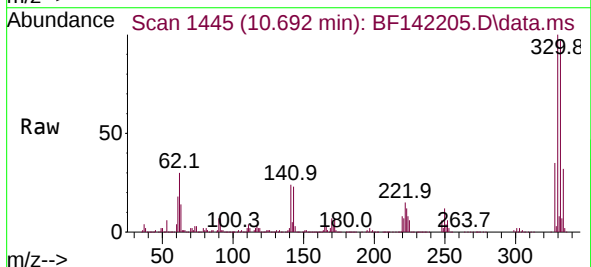
Instrument :
BNA_F
ClientSampleId :



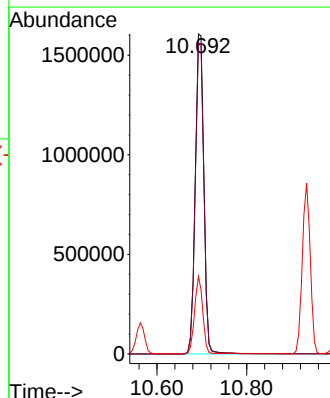
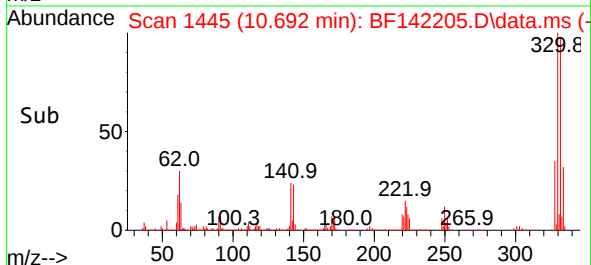
Tgt Ion:237 Resp: 847013
Ion Ratio Lower Upper
237 100
235 62.7 42.6 82.6
272 13.7 0.0 33.6

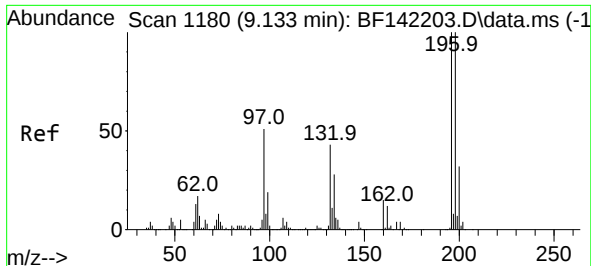


#42
2,4,6-Tribromophenol
Concen: 126.528 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02



Tgt Ion:330 Resp: 2139046
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 23.0 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 62.222 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

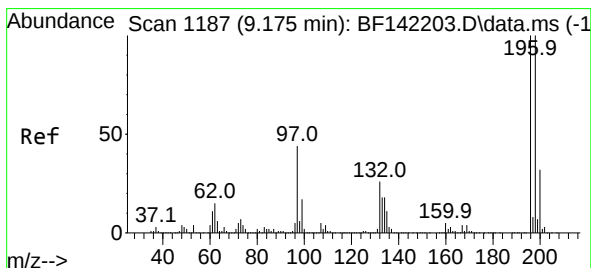
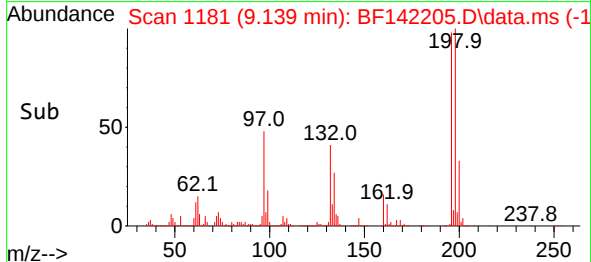
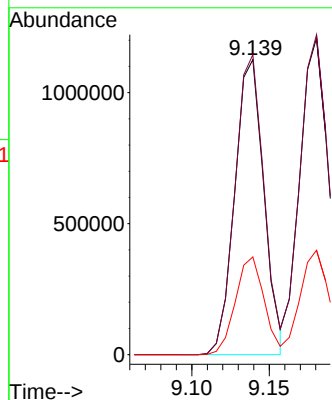
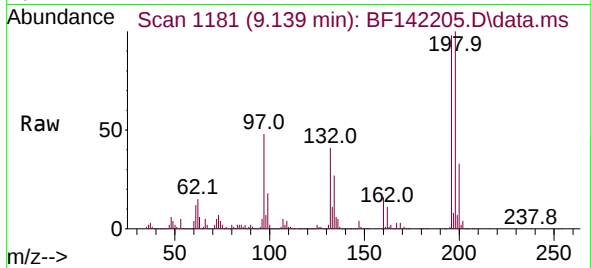
Tgt Ion:196 Resp: 1469667

Ion Ratio Lower Upper

196 100

198 101.7 80.0 120.0

200 33.1 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 63.251 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:196 Resp: 1601362

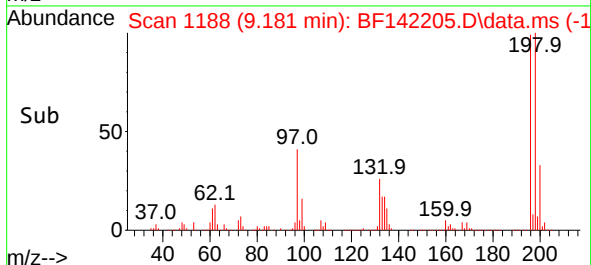
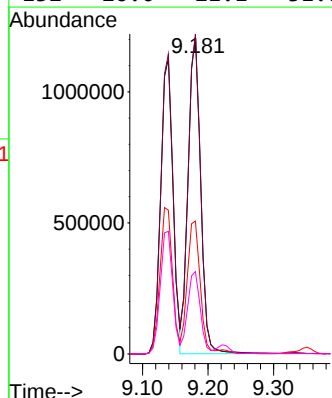
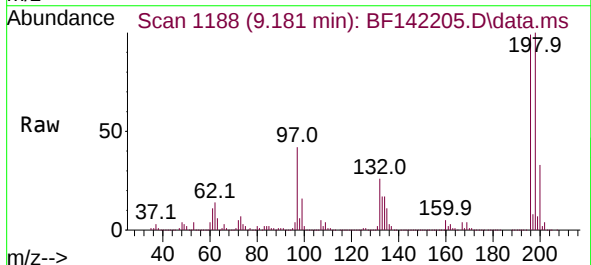
Ion Ratio Lower Upper

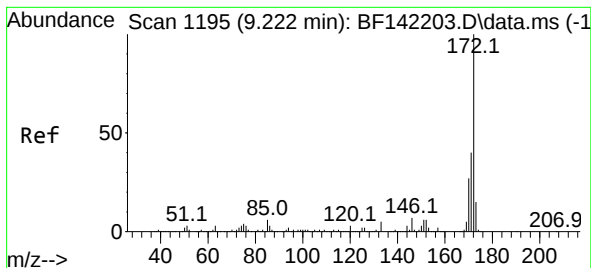
196 100

198 101.1 80.0 120.0

97 42.0 35.9 53.9

132 26.0 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 95.159 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

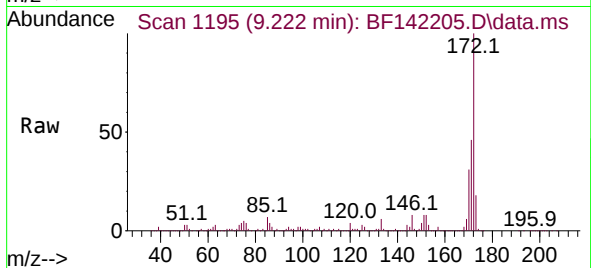
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :



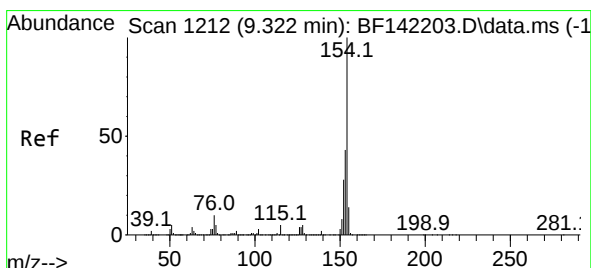
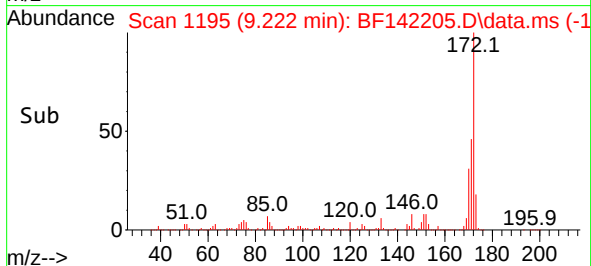
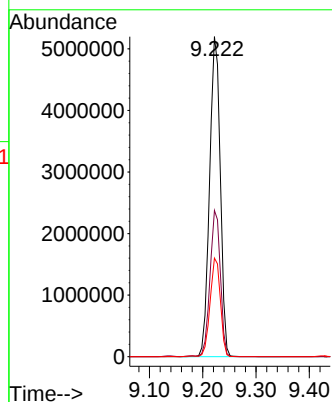
Tgt Ion:172 Resp: 7218795

Ion Ratio Lower Upper

172 100

171 45.7 32.1 48.1

170 30.8 21.4 32.0



#46

1,1'-Biphenyl

Concen: 54.226 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

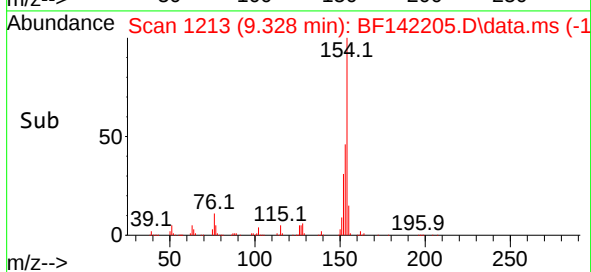
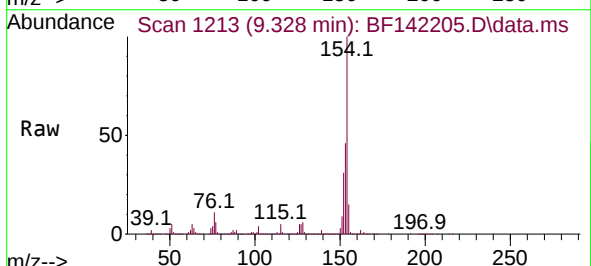
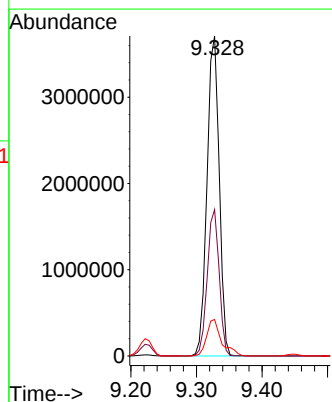
Tgt Ion:154 Resp: 4807939

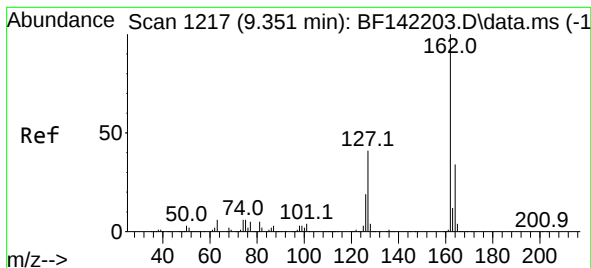
Ion Ratio Lower Upper

154 100

153 45.7 22.5 62.5

76 11.4 0.0 30.4





#47

2-Chloronaphthalene

Concen: 57.329 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

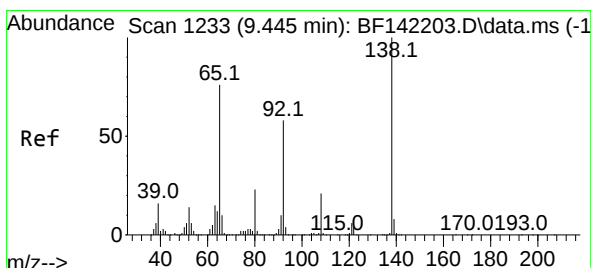
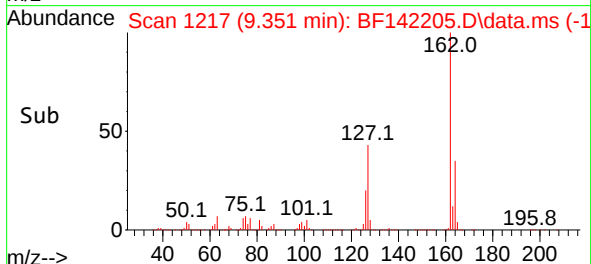
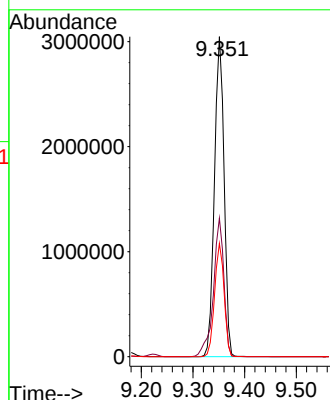
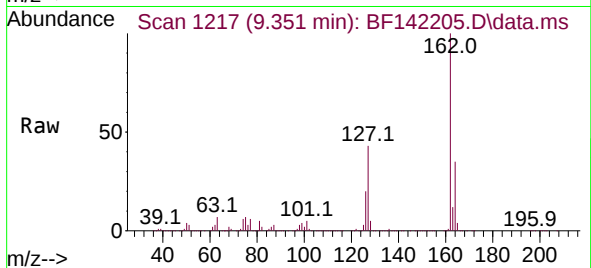
Tgt Ion:162 Resp: 3945490

Ion Ratio Lower Upper

162 100

127 43.3 33.1 49.7

164 35.4 27.1 40.7



#48

2-Nitroaniline

Concen: 63.161 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

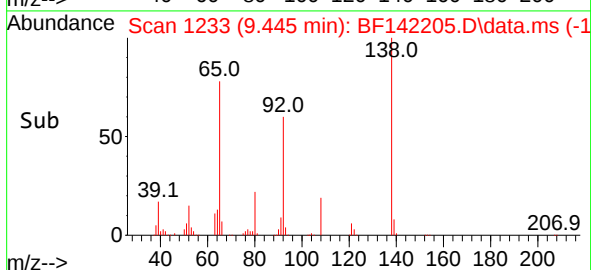
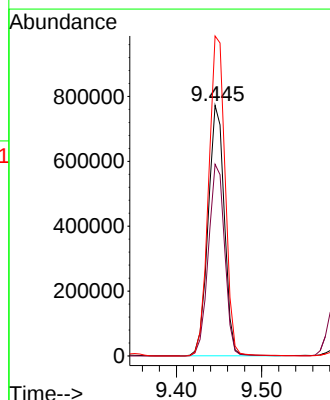
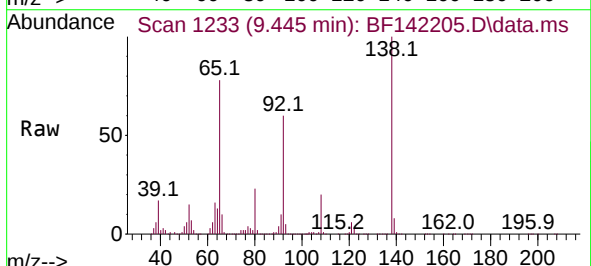
Tgt Ion: 65 Resp: 1018914

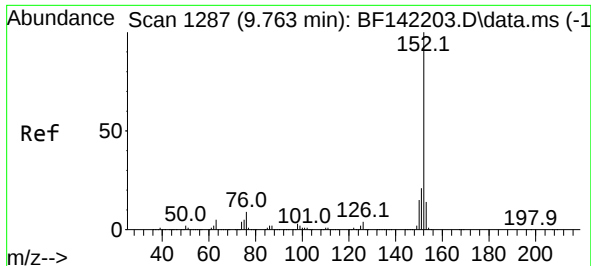
Ion Ratio Lower Upper

65 100

92 76.5 61.4 92.0

138 127.7 105.8 158.6





#49

Acenaphthylene

Concen: 54.857 ng

RT: 9.769 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

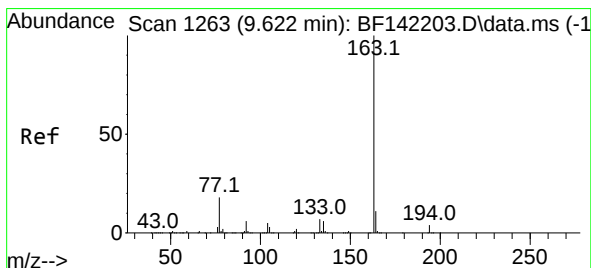
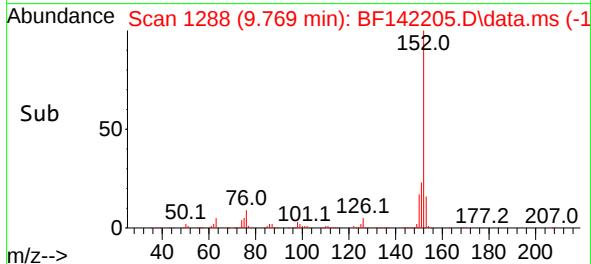
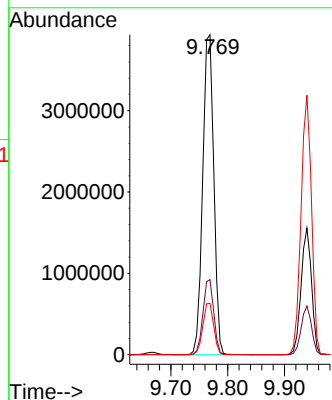
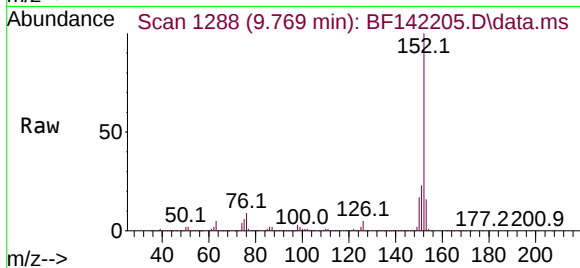
Tgt Ion:152 Resp: 5336299

Ion Ratio Lower Upper

152 100

151 23.4 16.9 25.3

153 16.1 11.6 17.4



#50

Dimethylphthalate

Concen: 58.846 ng

RT: 9.628 min Scan# 1264

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

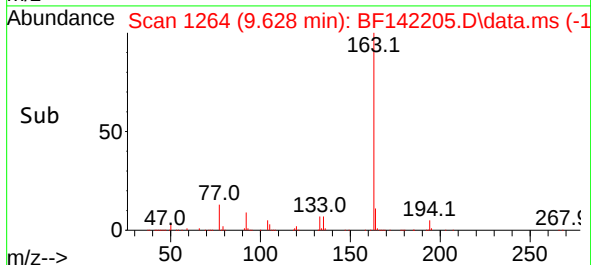
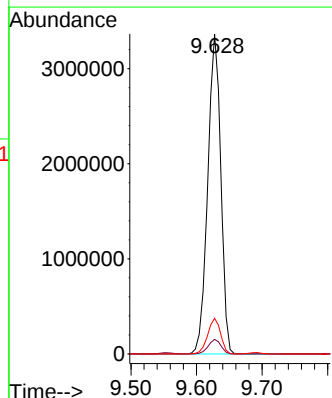
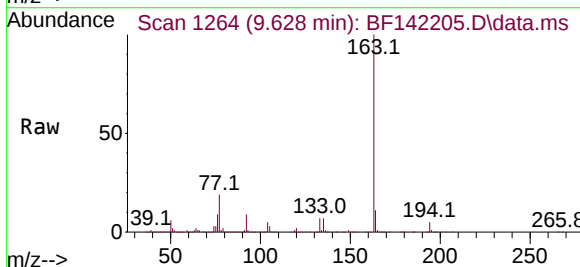
Tgt Ion:163 Resp: 4665173

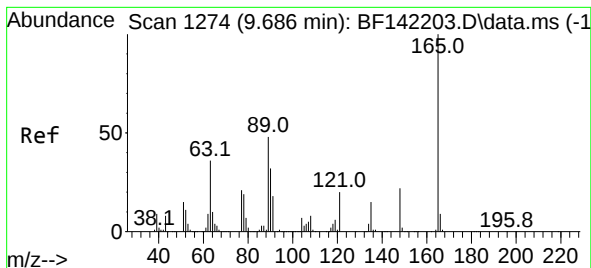
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 11.2 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 60.923 ng

RT: 9.692 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

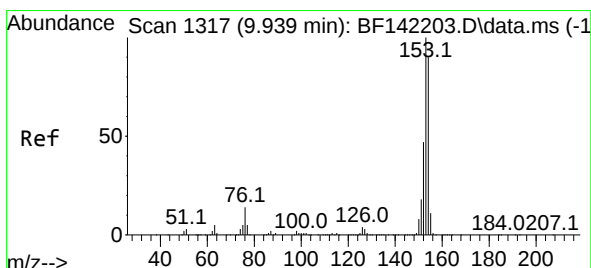
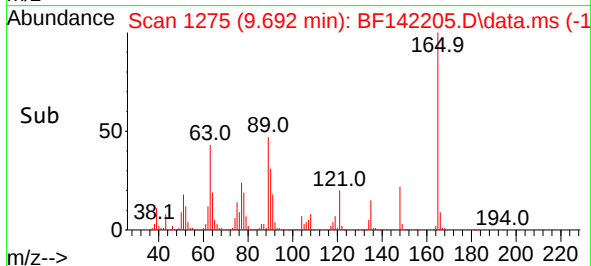
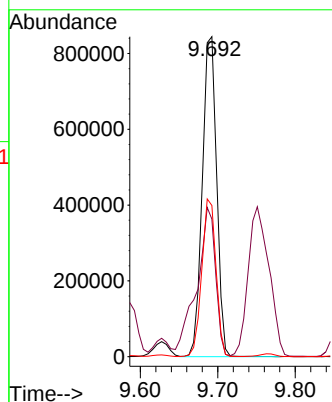
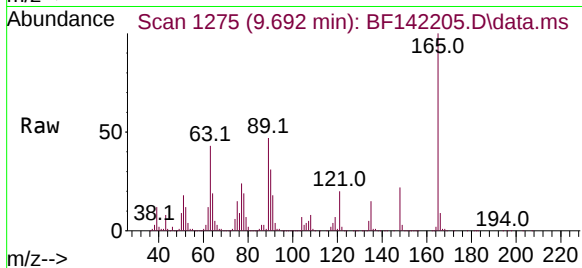
Tgt Ion:165 Resp: 1084356

Ion Ratio Lower Upper

165 100

63 43.0 35.4 53.2

89 47.3 38.6 58.0



#52

Acenaphthene

Concen: 58.336 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

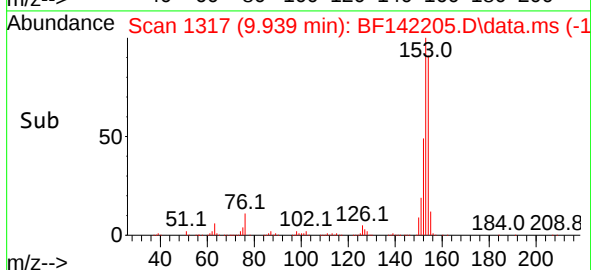
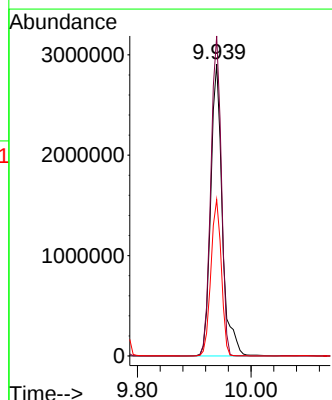
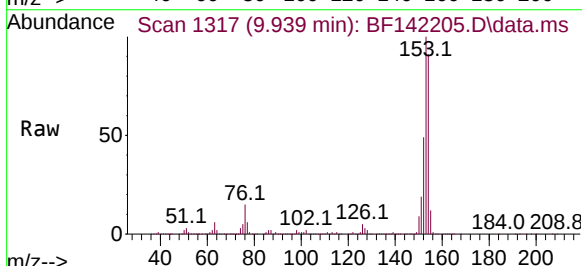
Tgt Ion:154 Resp: 4089310

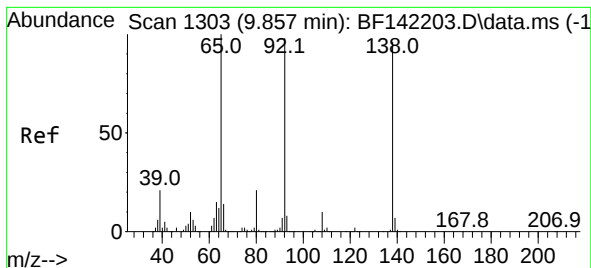
Ion Ratio Lower Upper

154 100

153 109.6 89.0 133.4

152 53.5 41.8 62.8





#53

3-Nitroaniline

Concen: 58.536 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

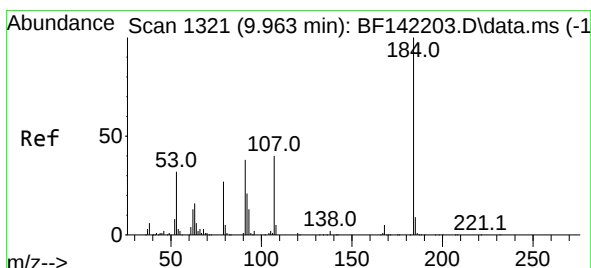
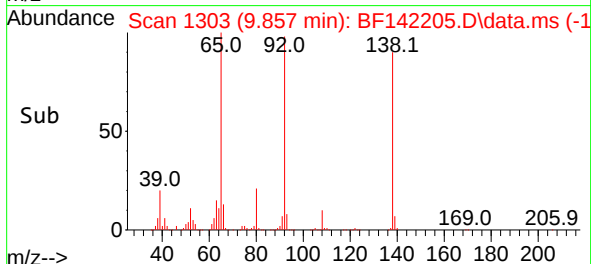
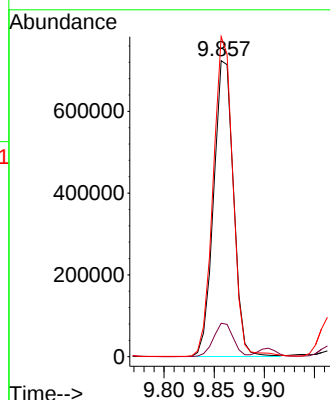
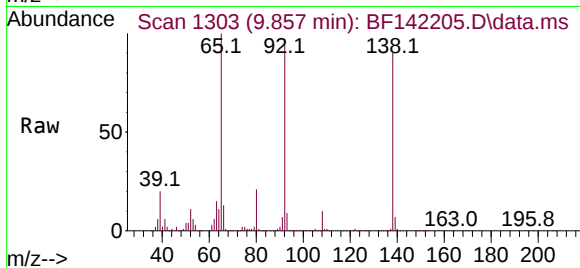
Tgt Ion:138 Resp: 998302

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

92 108.1 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 70.499 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

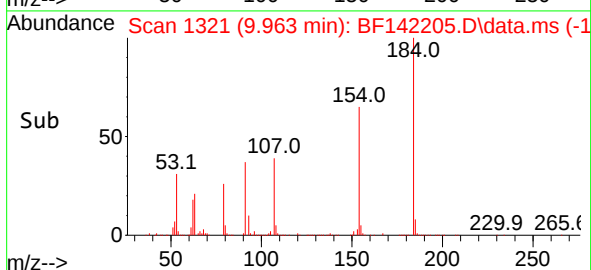
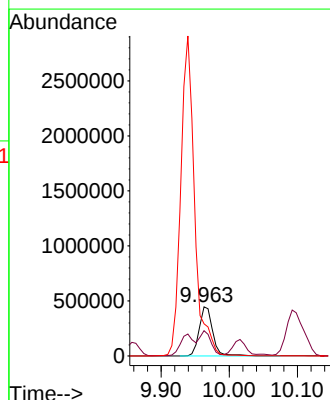
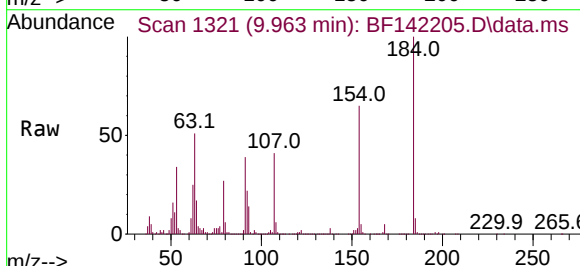
Tgt Ion:184 Resp: 614577

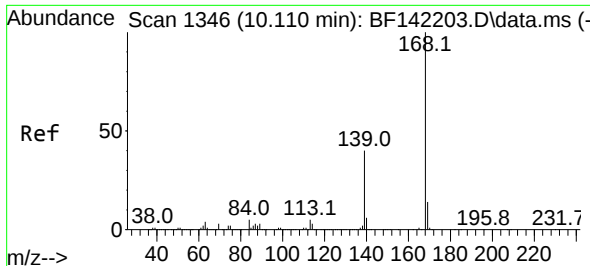
Ion Ratio Lower Upper

184 100

63 51.3 39.0 58.4

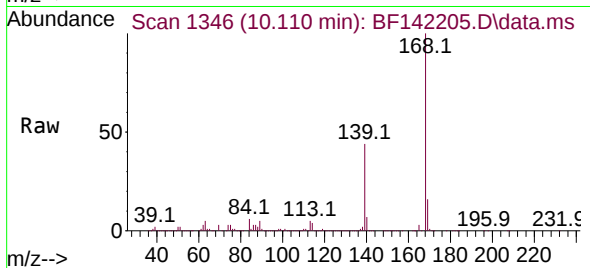
154 65.4 52.2 78.4



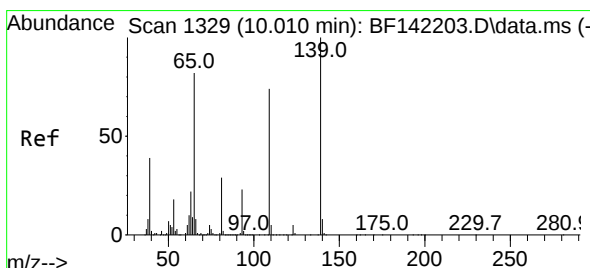
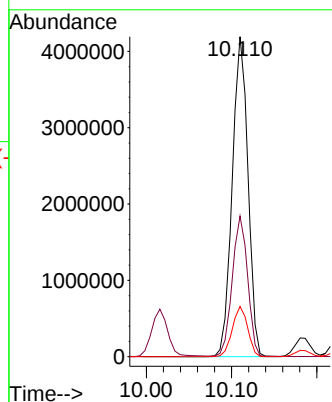
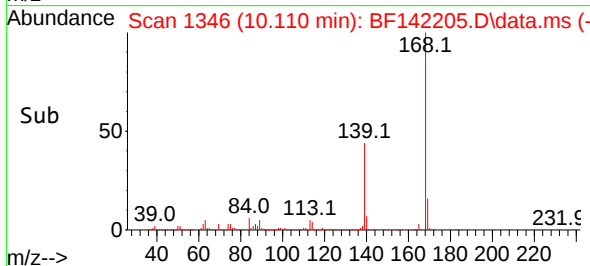


#55
Dibenzofuran
Concen: 54.813 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

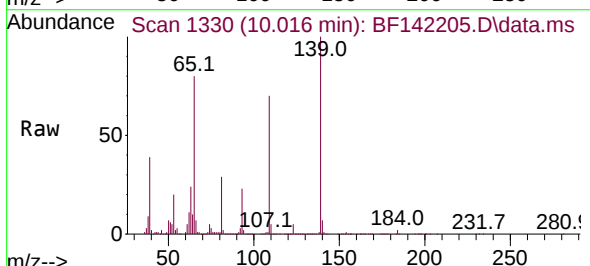
Instrument :
BNA_F
ClientSampleId :



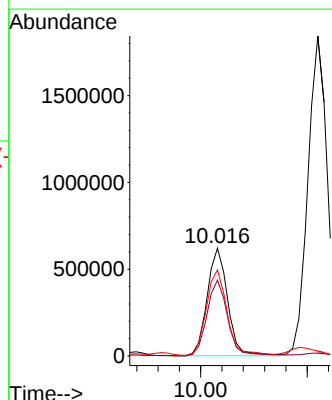
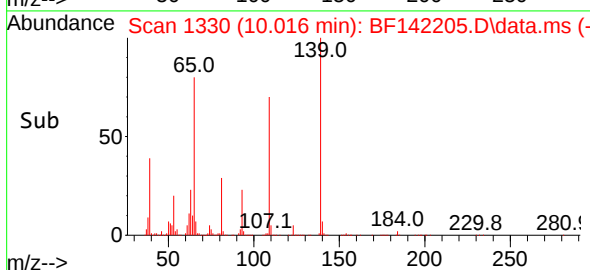
Tgt Ion:168 Resp: 5386705
Ion Ratio Lower Upper
168 100
139 44.0 32.3 48.5
169 15.7 11.4 17.0

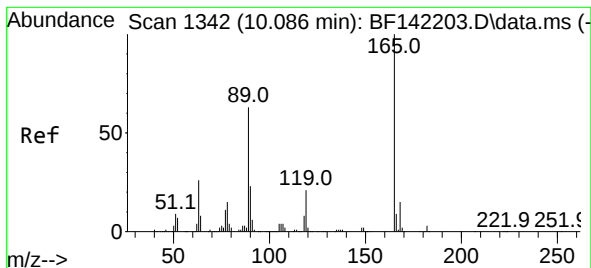


#56
4-Nitrophenol
Concen: 66.446 ng
RT: 10.016 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02



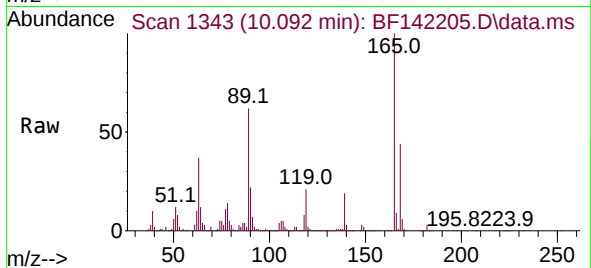
Tgt Ion:139 Resp: 828927
Ion Ratio Lower Upper
139 100
109 70.2 54.1 94.1
65 79.8 62.1 102.1



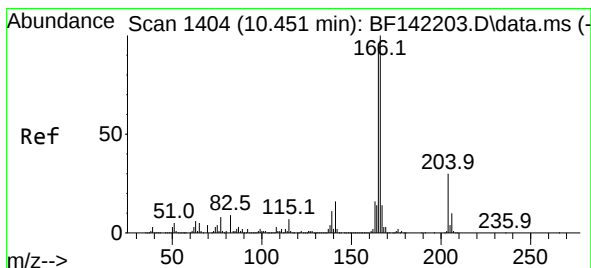
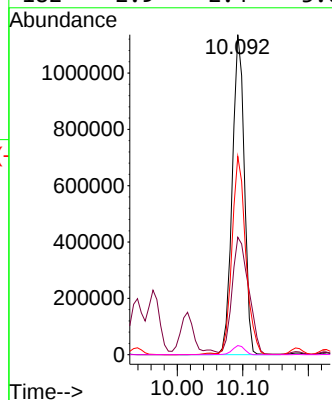
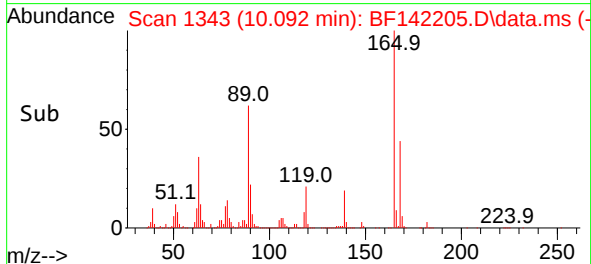


#57
2,4-Dinitrotoluene
Concen: 63.197 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

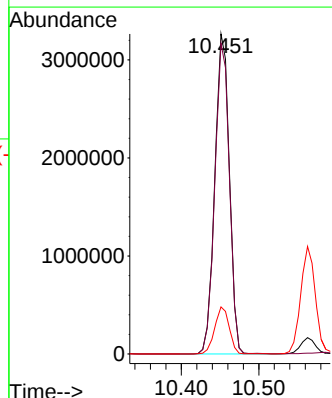
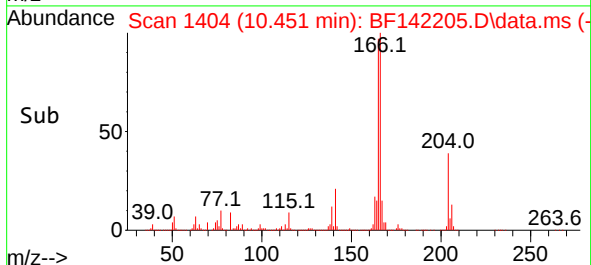
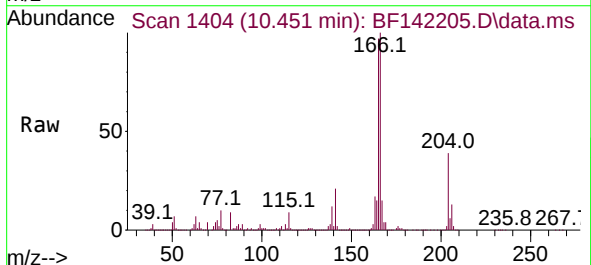


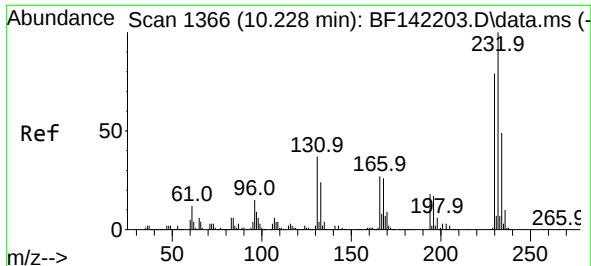
Tgt Ion:165 Resp: 1452828
Ion Ratio Lower Upper
165 100
63 36.7 29.0 43.6
89 62.0 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 55.996 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

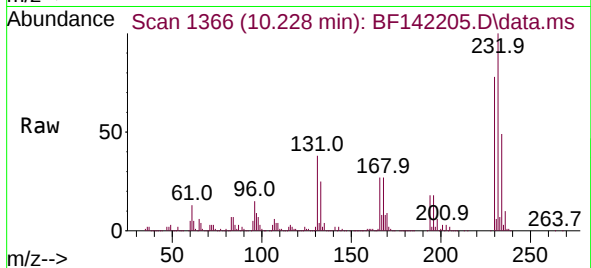
Tgt Ion:166 Resp: 4256894
Ion Ratio Lower Upper
166 100
165 97.0 77.1 115.7
167 14.7 11.0 16.4



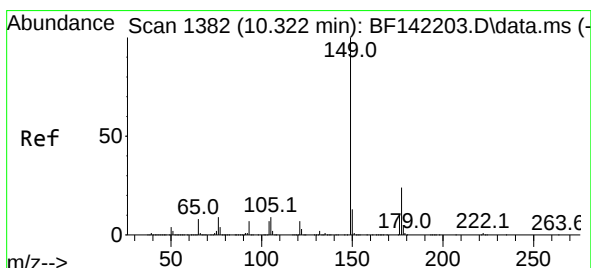
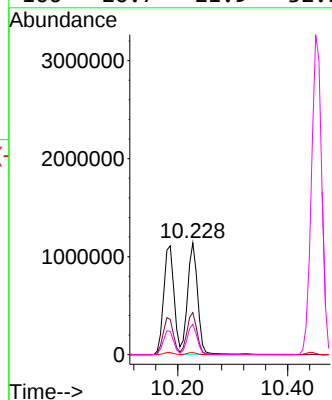
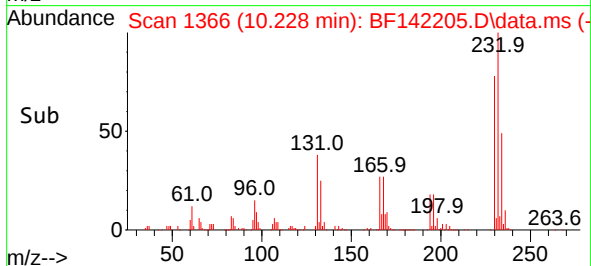


#59
2,3,4,6-Tetrachlorophenol
Concen: 63.925 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

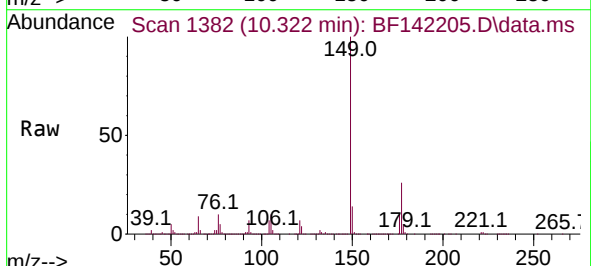
Instrument :
BNA_F
ClientSampleId :



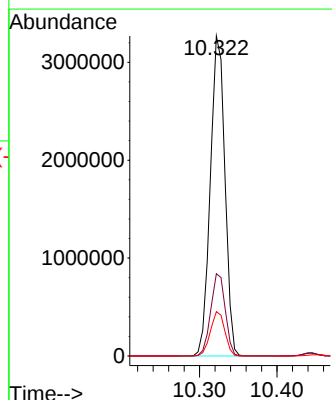
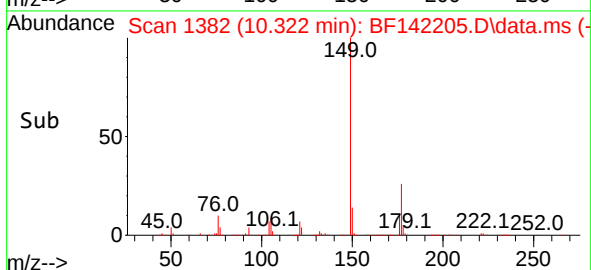
Tgt Ion:232 Resp: 1446909
Ion Ratio Lower Upper
232 100
131 37.9 31.9 47.9
130 1.9 1.6 2.4
166 26.7 21.9 32.9

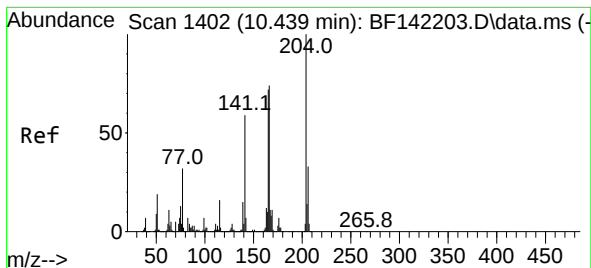


#60
Diethylphthalate
Concen: 57.794 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02



Tgt Ion:149 Resp: 4278367
Ion Ratio Lower Upper
149 100
177 25.7 19.6 29.4
150 13.9 10.6 15.8

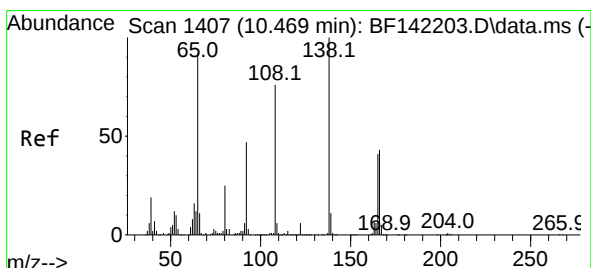
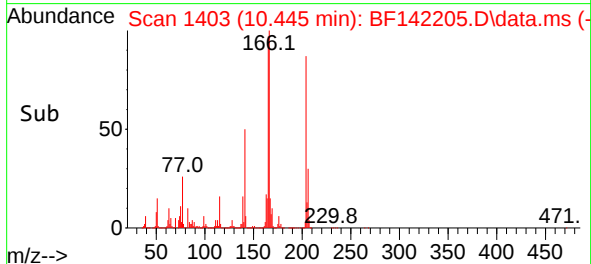
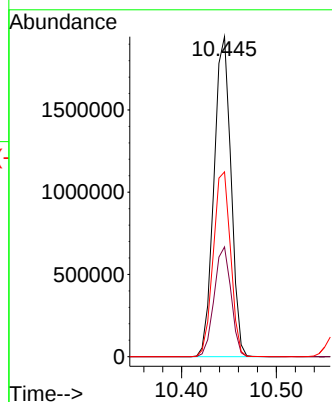
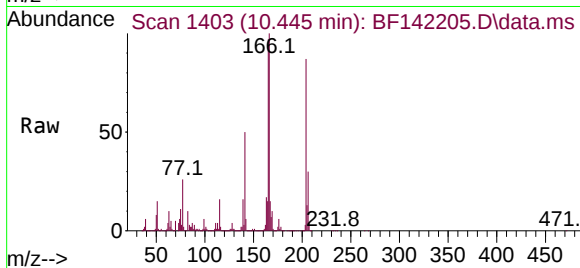




#61
4-Chlorophenyl-phenylether
Concen: 57.874 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

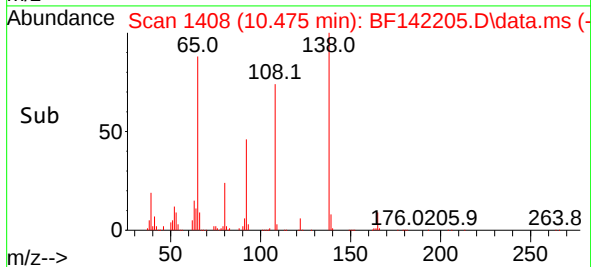
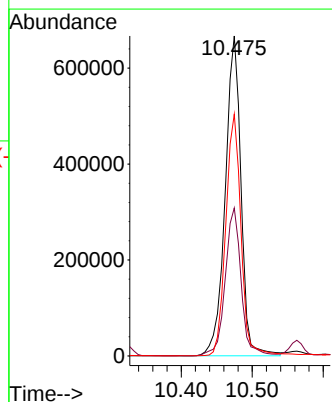
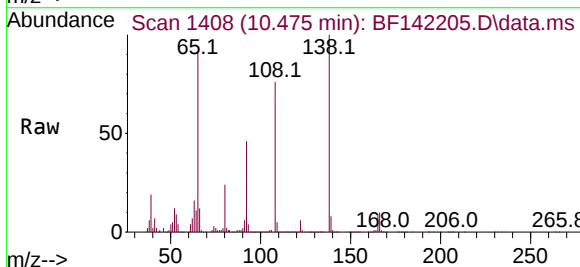
Instrument :
BNA_F
ClientSampleId :

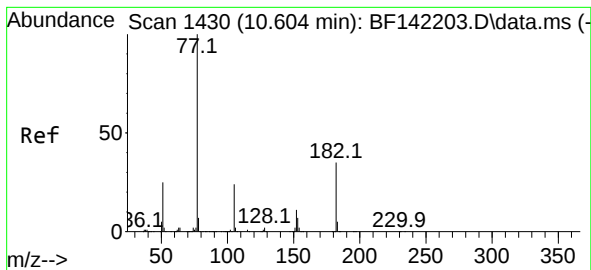
Tgt Ion:204 Resp: 2422507
Ion Ratio Lower Upper
204 100
206 34.3 26.5 39.7
141 57.7 47.0 70.6



#62
4-Nitroaniline
Concen: 63.469 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:138 Resp: 1028845
Ion Ratio Lower Upper
138 100
92 46.3 26.7 66.7
108 75.5 56.5 96.5

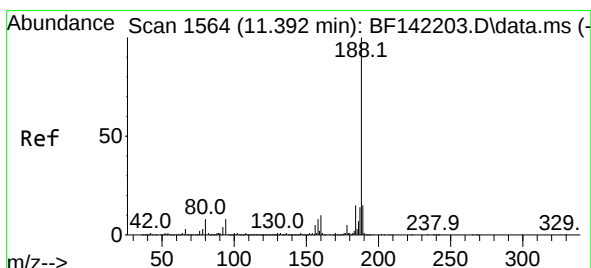
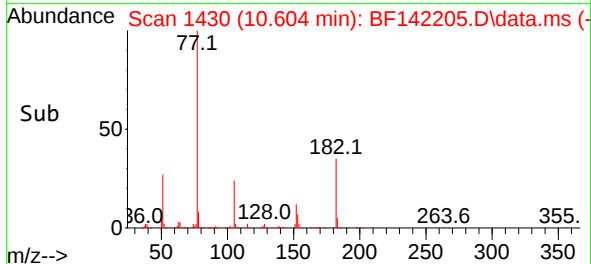
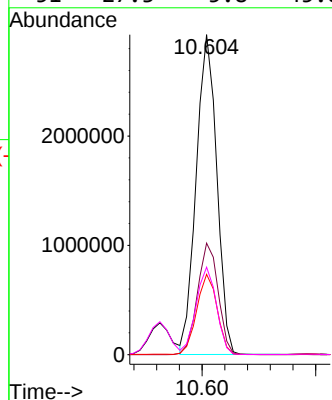
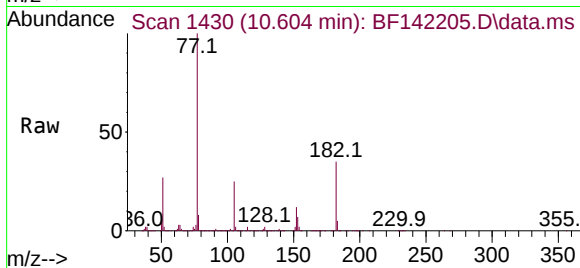




#63
 Azobenzene
 Concen: 57.118 ng
 RT: 10.604 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

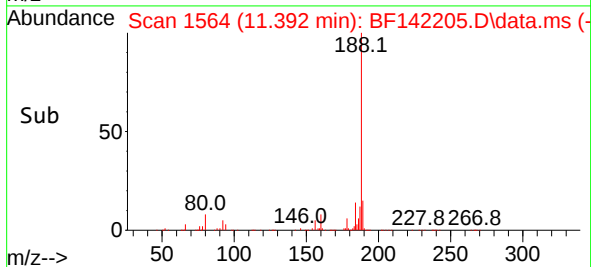
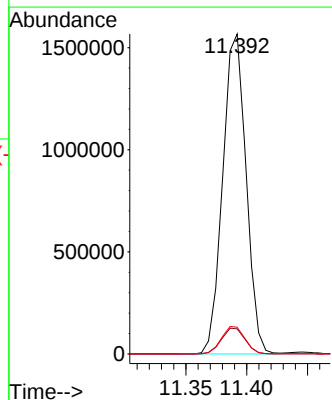
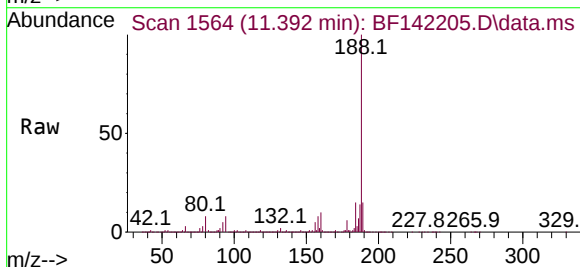
Instrument :
 BNA_F
 ClientSampleId :

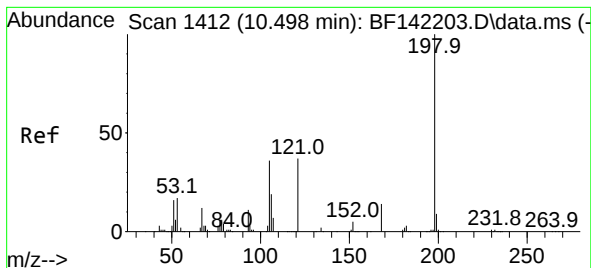
Tgt Ion: 77 Resp: 3681883
 Ion Ratio Lower Upper
 77 100
 182 34.8 14.8 54.8
 105 25.1 4.0 44.0
 51 27.3 5.8 45.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1564
 Delta R.T. 0.006 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Tgt Ion:188 Resp: 2095728
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.3 9.5
 80 8.3 6.7 10.1

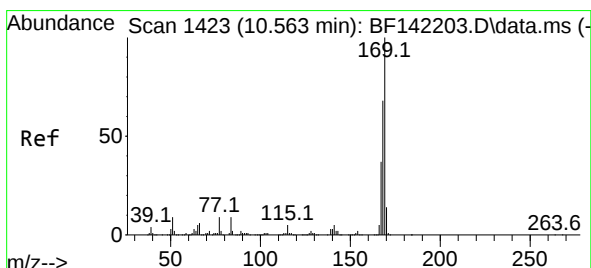
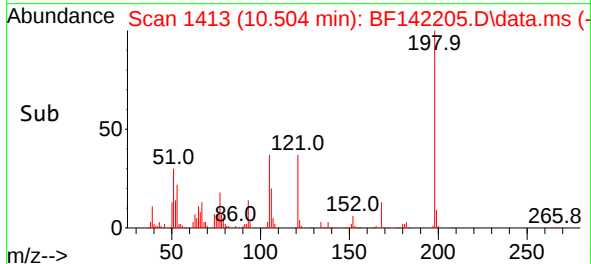
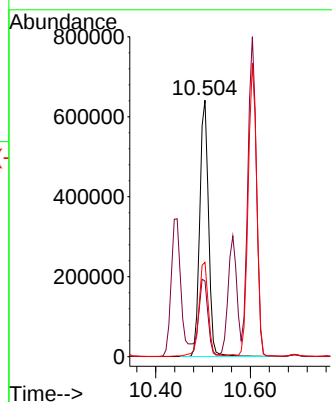
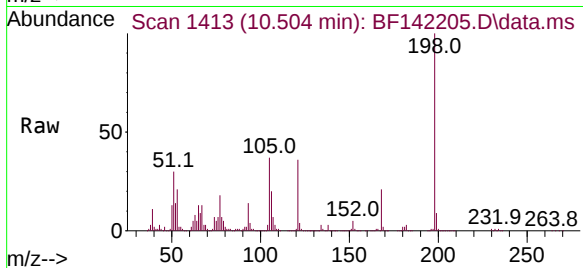




#65
4,6-Dinitro-2-methylphenol
Concen: 67.574 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

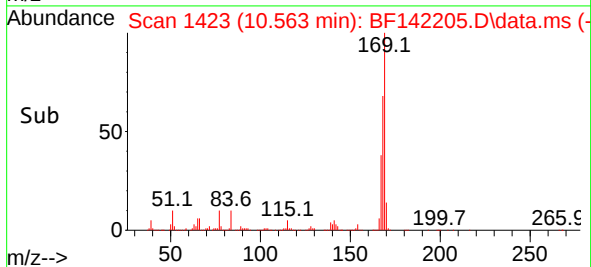
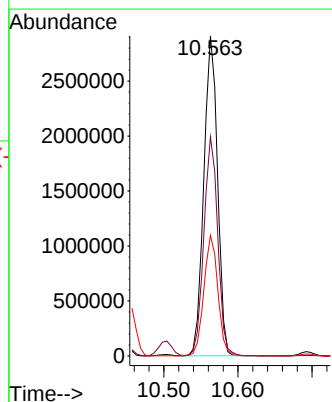
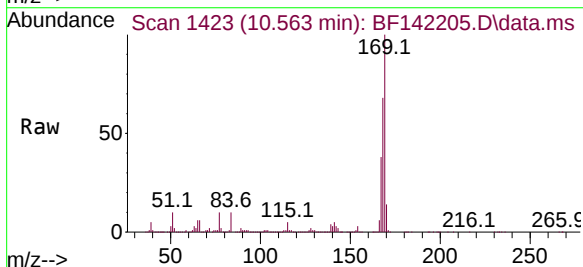
Instrument :
BNA_F
ClientSampleId :

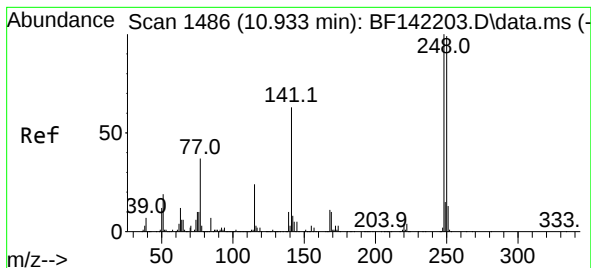
Tgt Ion:198 Resp: 826648
Ion Ratio Lower Upper
198 100
51 29.5 10.2 50.2
105 36.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 58.266 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

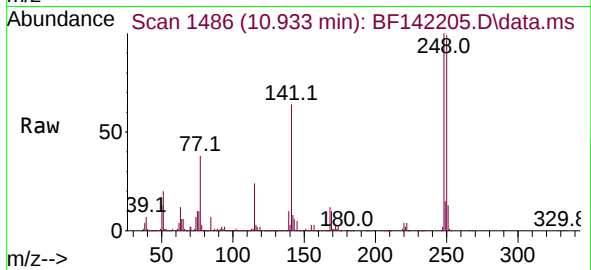
Tgt Ion:169 Resp: 3742449
Ion Ratio Lower Upper
169 100
168 68.5 54.2 81.2
167 37.7 29.4 44.2



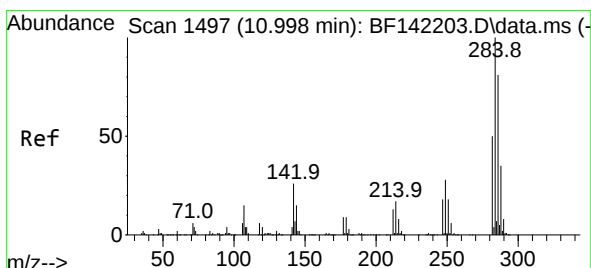
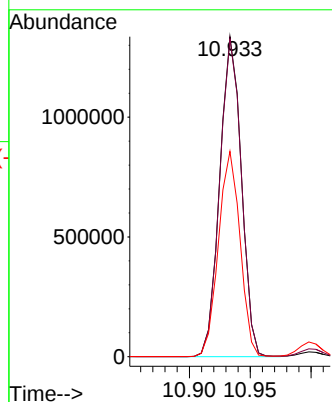
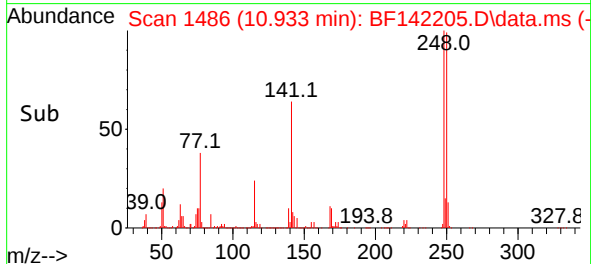


#67
4-Bromophenyl-phenylether
Concen: 60.013 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

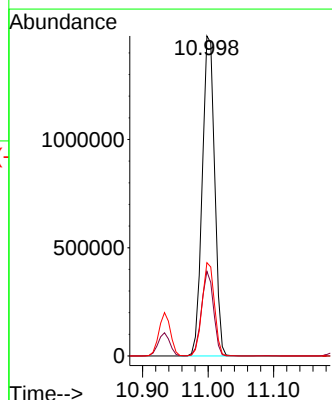
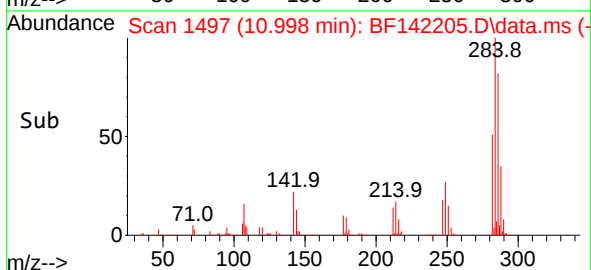
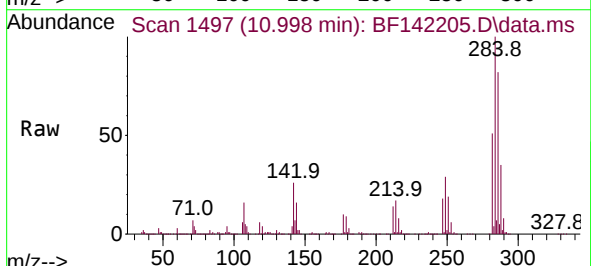


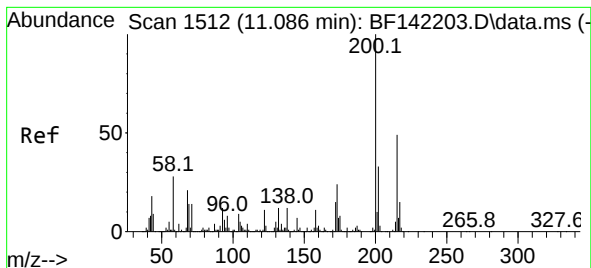
Tgt Ion:248 Resp: 1654029
Ion Ratio Lower Upper
248 100
250 99.3 78.8 118.2
141 64.1 50.6 75.8



#68
Hexachlorobenzene
Concen: 59.544 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:284 Resp: 1952979
Ion Ratio Lower Upper
284 100
142 26.5 20.7 31.1
249 29.2 22.8 34.2





#69

Atrazine

Concen: 93.209 ng

RT: 11.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

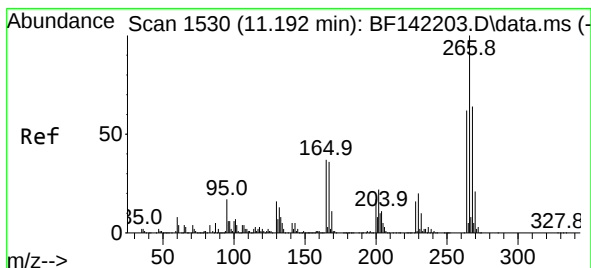
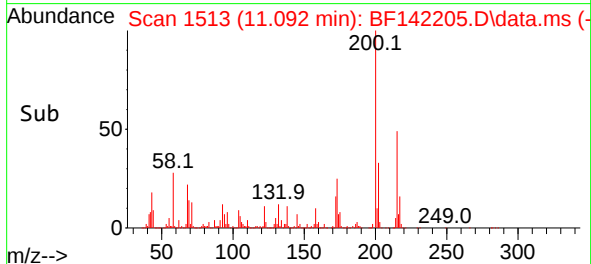
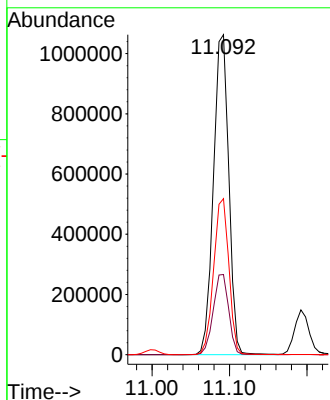
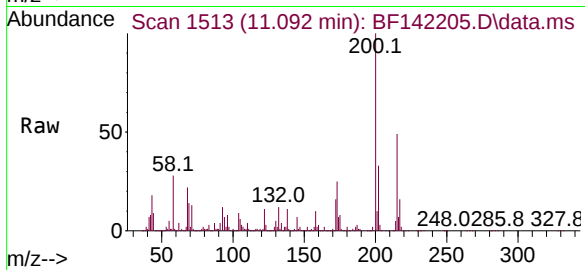
Tgt Ion:200 Resp: 1461012

Ion Ratio Lower Upper

200 100

173 25.0 4.4 44.4

215 48.8 28.6 68.6



#70

Pentachlorophenol

Concen: 69.373 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

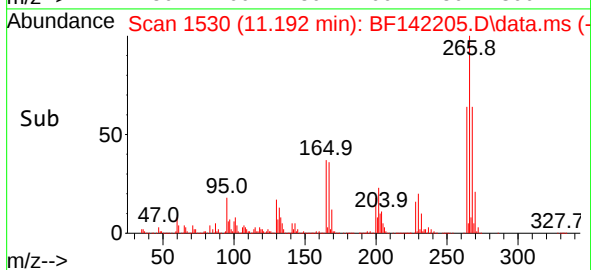
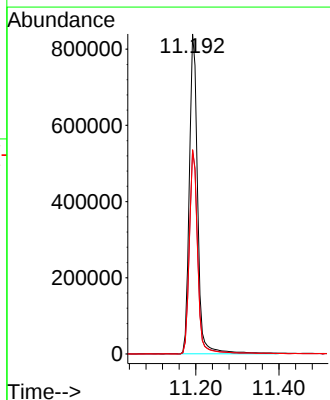
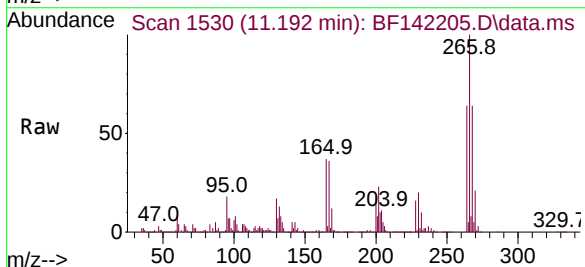
Tgt Ion:266 Resp: 1160747

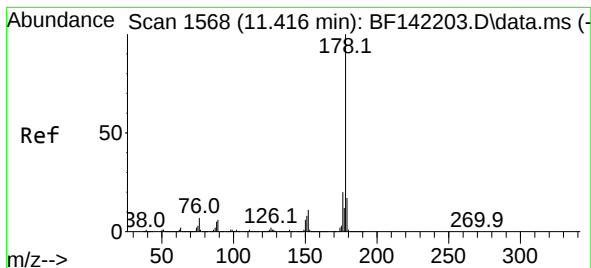
Ion Ratio Lower Upper

266 100

268 63.7 50.9 76.3

264 63.8 49.4 74.2





#71

Phenanthrene

Concen: 54.693 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

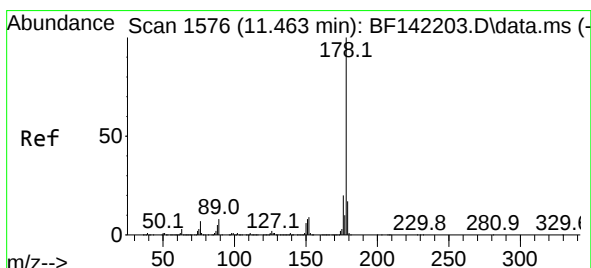
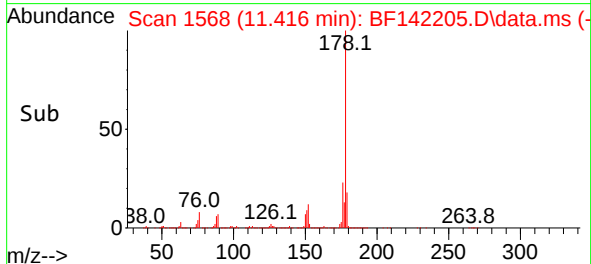
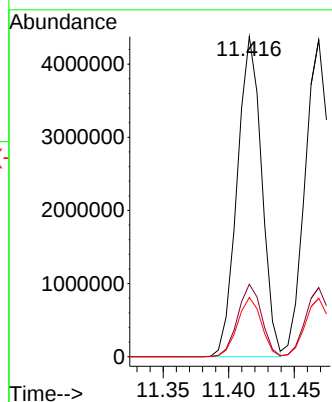
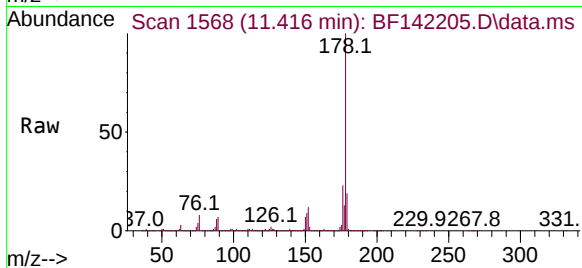
Tgt Ion:178 Resp: 5691957

Ion Ratio Lower Upper

178 100

176 22.6 16.3 24.5

179 18.5 13.3 19.9



#72

Anthracene

Concen: 54.904 ng

RT: 11.469 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

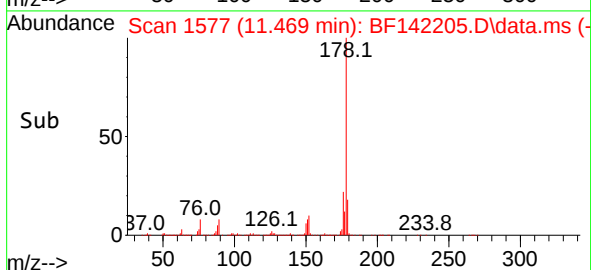
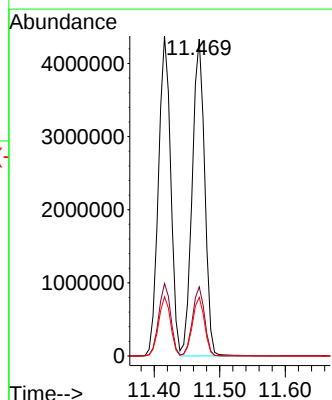
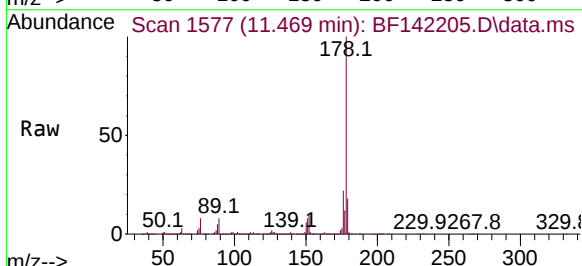
Tgt Ion:178 Resp: 5713319

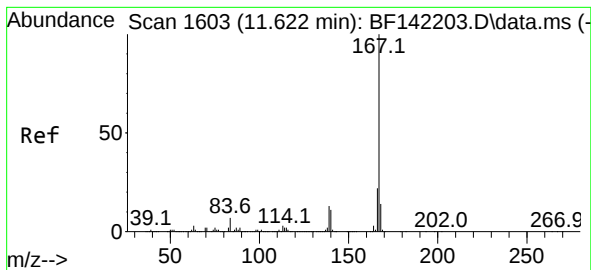
Ion Ratio Lower Upper

178 100

176 21.8 15.6 23.4

179 18.5 13.4 20.0





#73

Carbazole

Concen: 56.052 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

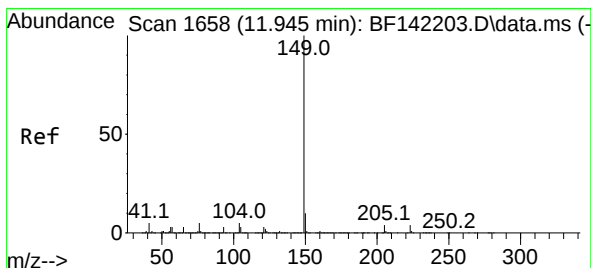
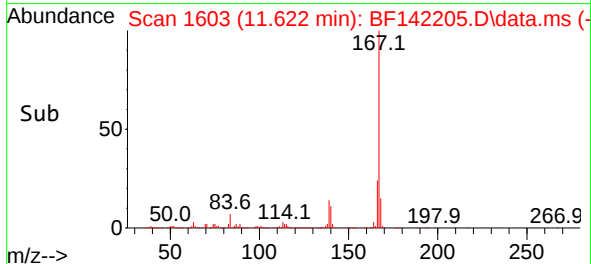
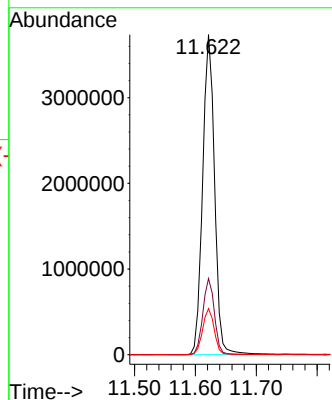
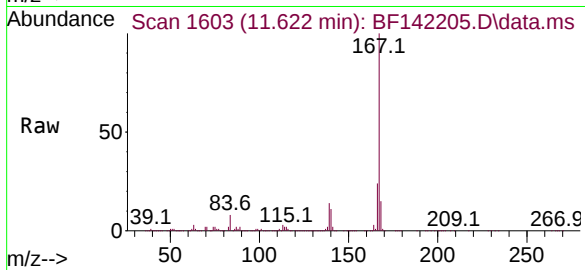
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 5095707

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.4	26.2
139	14.4	10.7	16.1



#74

Di-n-butylphthalate

Concen: 57.167 ng

RT: 11.951 min Scan# 1659

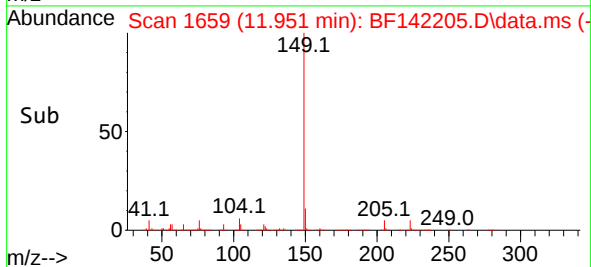
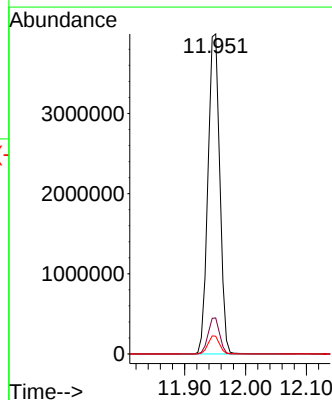
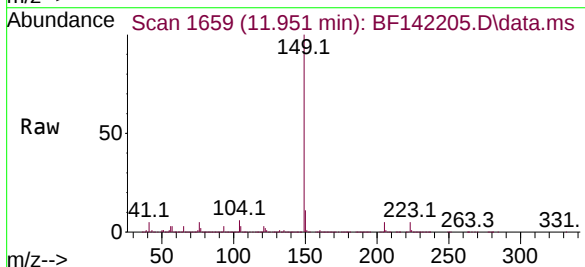
Delta R.T. 0.006 min

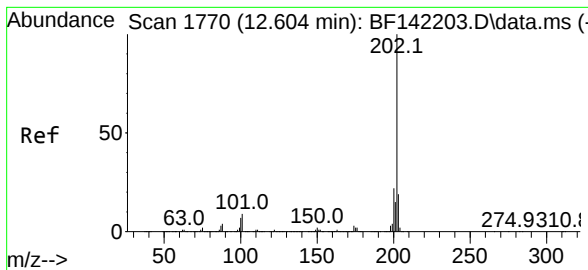
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:149 Resp: 5379091

Ion	Ratio	Lower	Upper
149	100		
150	11.2	7.9	11.9
104	5.6	4.0	6.0



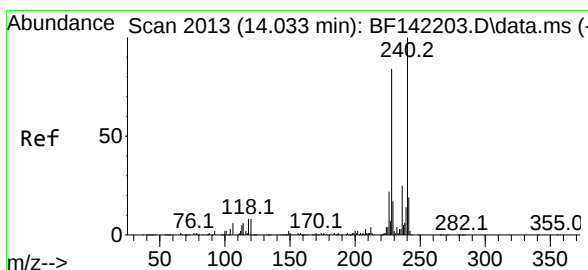
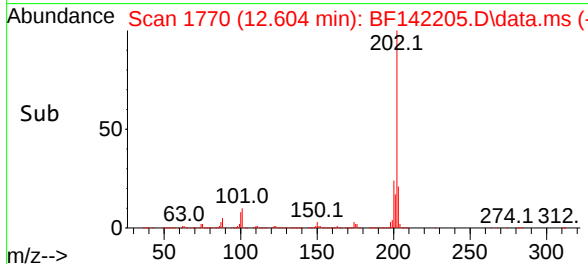
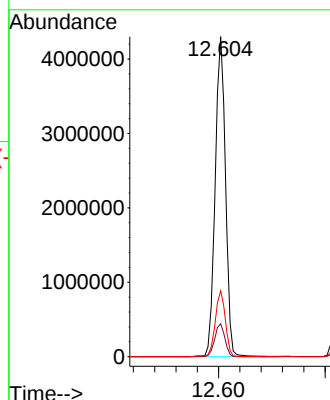
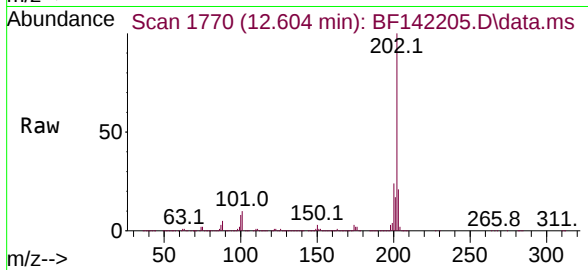


#75
 Fluoranthene
 Concen: 53.436 ng
 RT: 12.604 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:202 Resp: 5780606

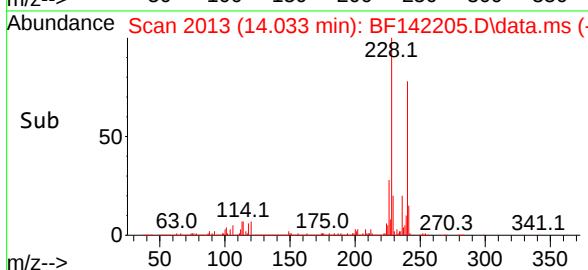
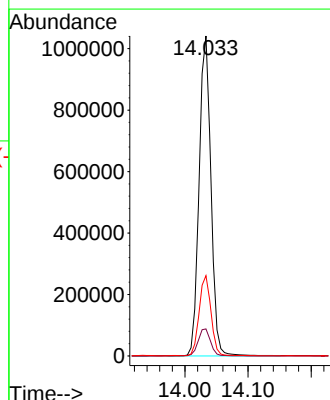
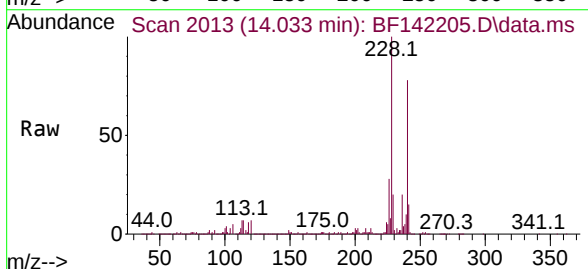
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.9
203	20.6	0.0	38.6

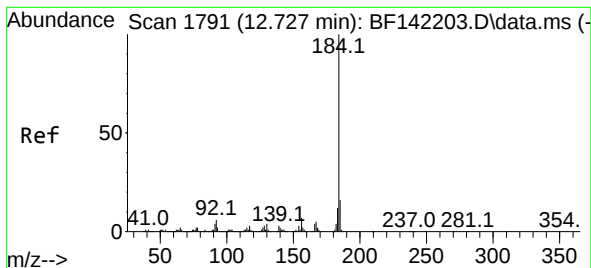


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 1213
 Delta R.T. 0.006 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Tgt Ion:240 Resp: 1348321

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.1	10.7
236	25.1	20.2	30.2





#77

Benzidine

Concen: 66.175 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

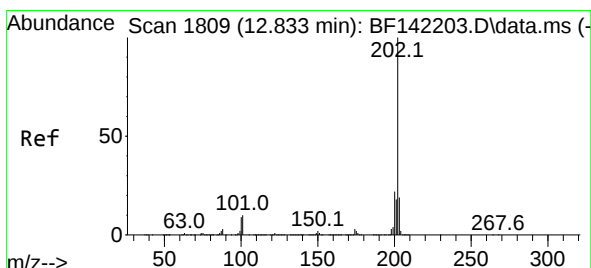
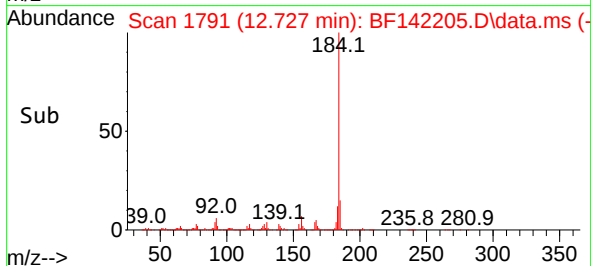
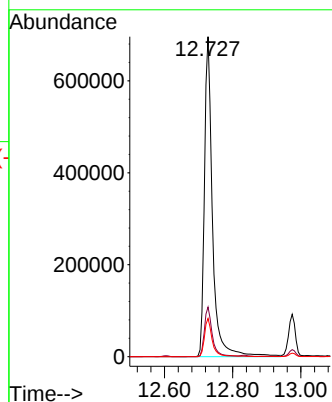
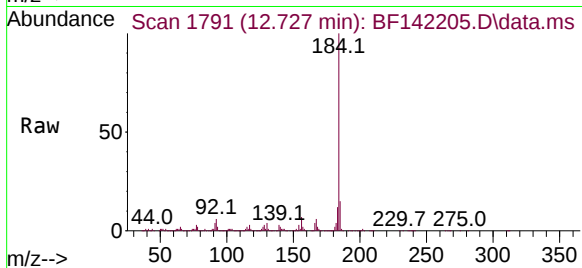
Tgt Ion:184 Resp: 1151428

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

183 12.0 9.6 14.4



#78

Pyrene

Concen: 53.353 ng

RT: 12.833 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

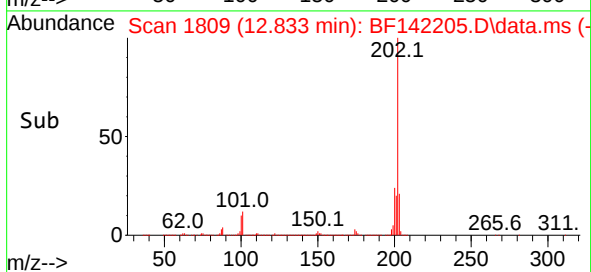
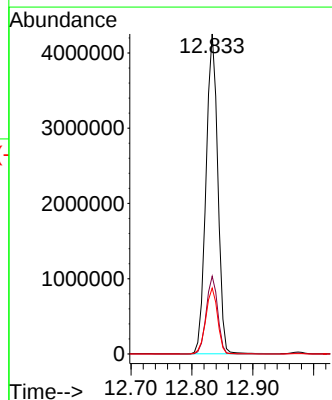
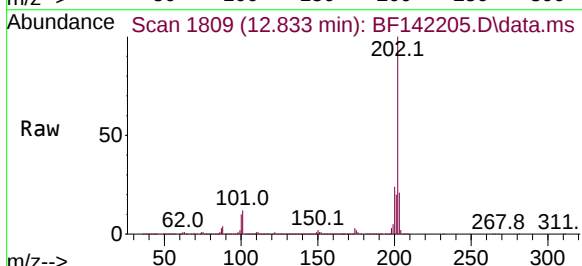
Tgt Ion:202 Resp: 5713416

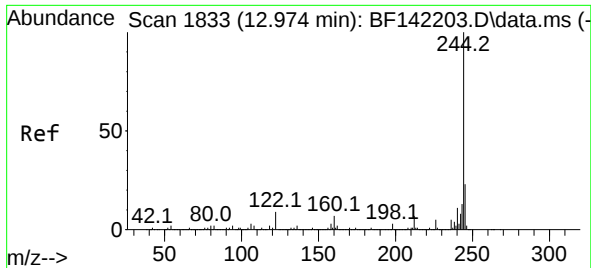
Ion Ratio Lower Upper

202 100

200 24.3 17.6 26.4

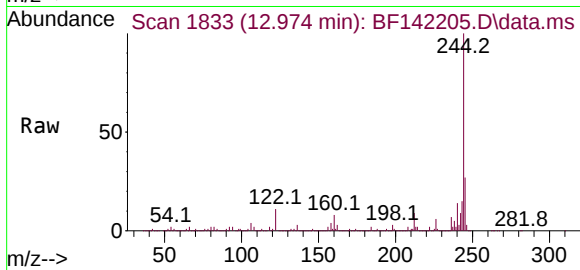
203 20.6 14.8 22.2



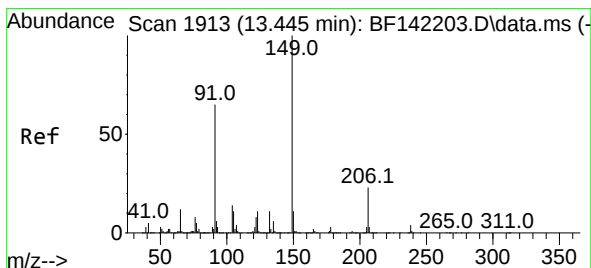
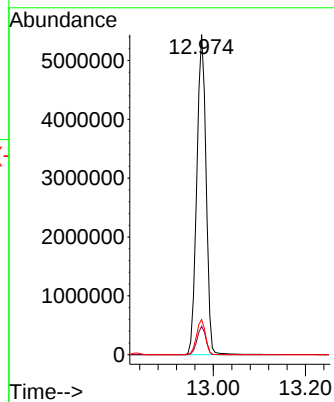
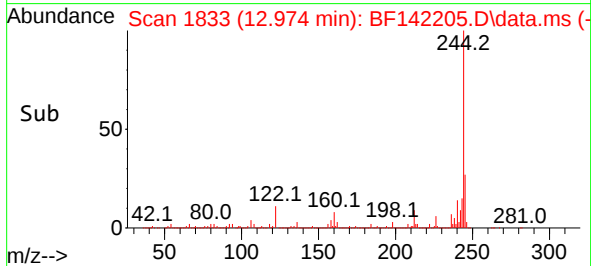


#79
 Terphenyl-d14
 Concen: 94.405 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Instrument :
 BNA_F
 ClientSampleId :

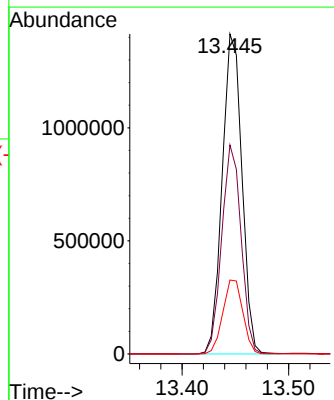
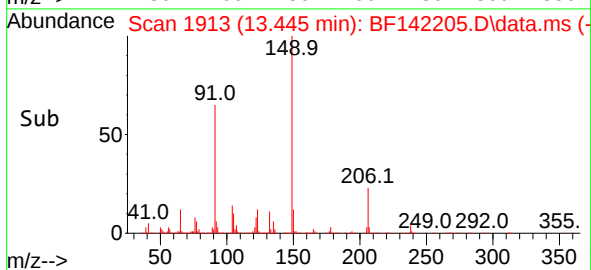
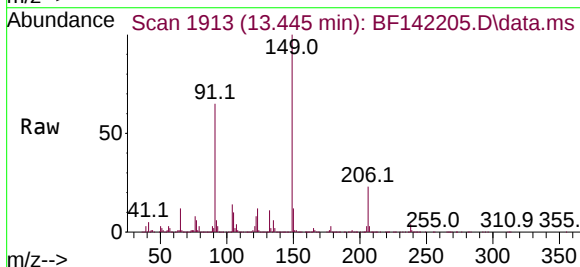


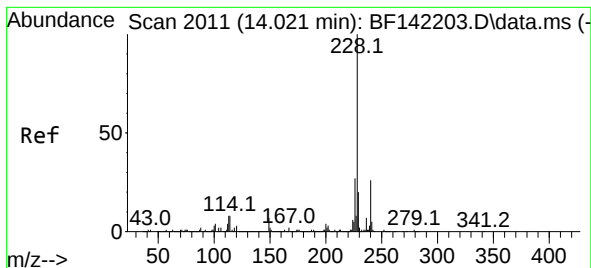
Tgt Ion:244 Resp: 7597917
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.9 8.9
 122 11.0 7.3 10.9#



#80
 Butylbenzylphthalate
 Concen: 69.977 ng
 RT: 13.445 min Scan# 1913
 Delta R.T. -0.000 min
 Lab File: BF142205.D
 Acq: 21 Apr 2025 14:02

Tgt Ion:149 Resp: 1813777
 Ion Ratio Lower Upper
 149 100
 91 65.3 51.8 77.8
 206 23.1 18.2 27.4





#81

Benzo(a)anthracene

Concen: 58.938 ng

RT: 14.021 min Scan# 2011

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

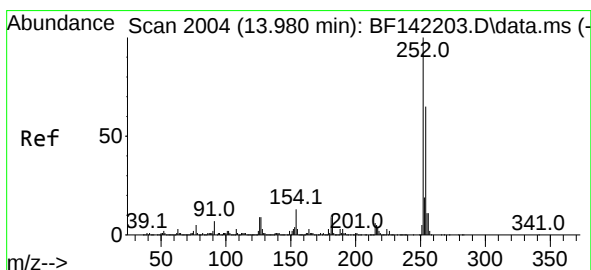
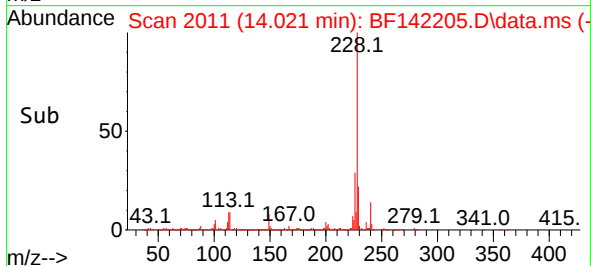
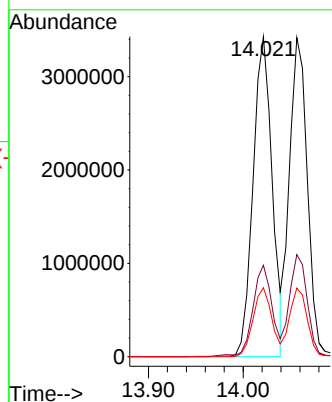
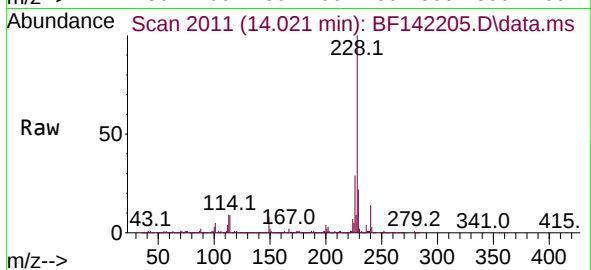
Tgt Ion:228 Resp: 4813166

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.8

229 21.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 68.388 ng

RT: 13.980 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

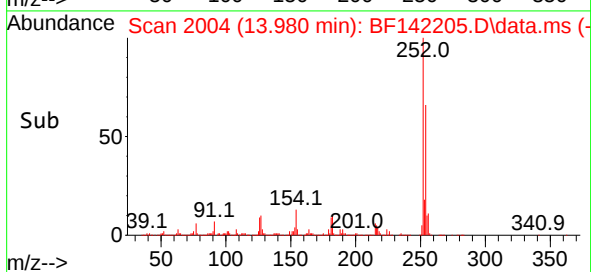
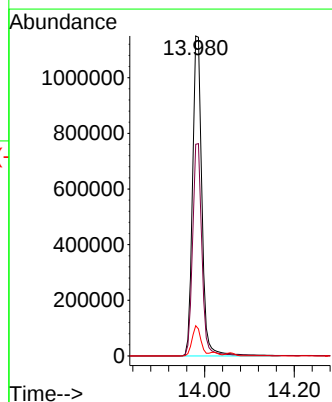
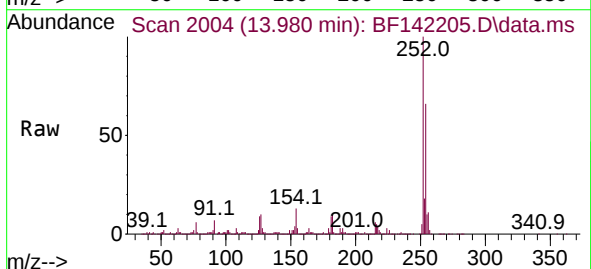
Tgt Ion:252 Resp: 1663107

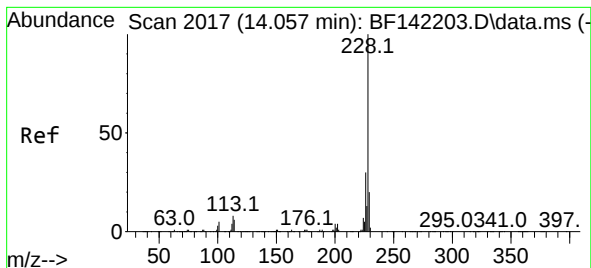
Ion Ratio Lower Upper

252 100

254 66.1 51.9 77.9

126 9.5 7.4 11.0





#83

Chrysene

Concen: 57.672 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

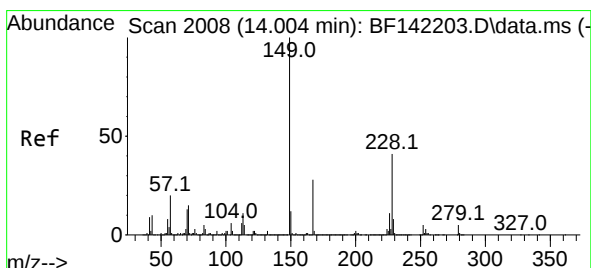
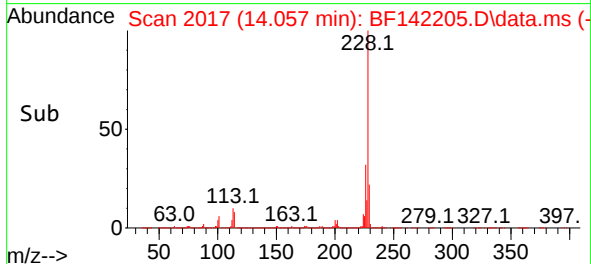
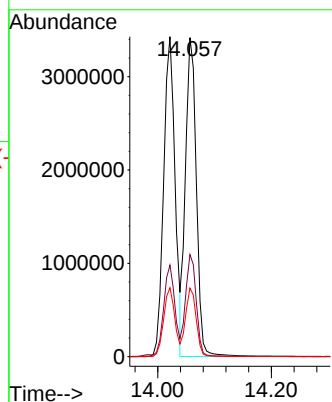
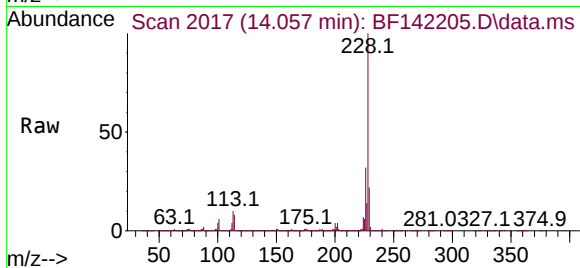
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 4537776

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	21.5	16.2	24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.574 ng

RT: 14.004 min Scan# 2008

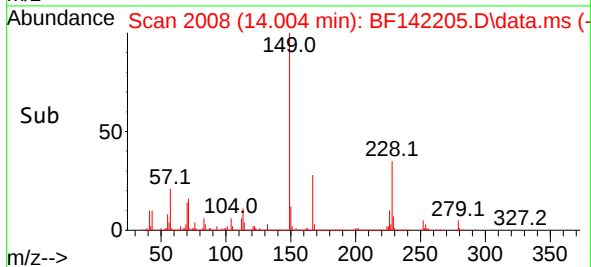
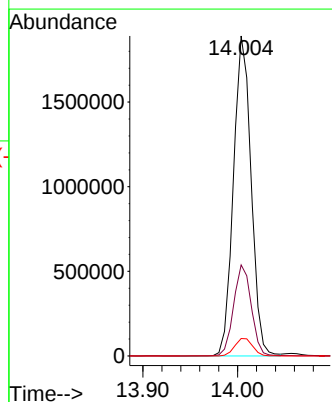
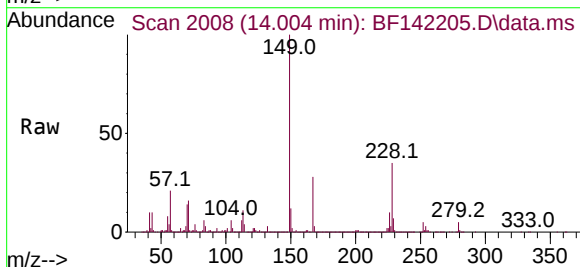
Delta R.T. -0.000 min

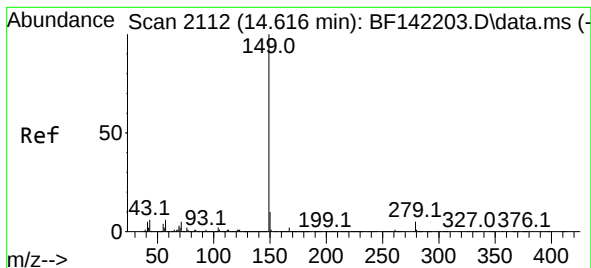
Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Tgt Ion:149 Resp: 2447206

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.4
279	5.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 67.873 ng

RT: 14.621 min Scan# 2113

Delta R.T. 0.005 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

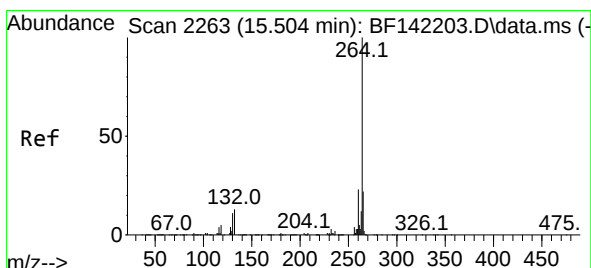
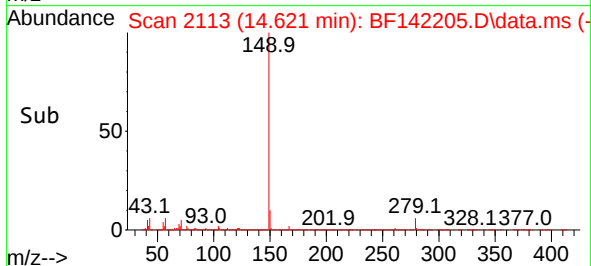
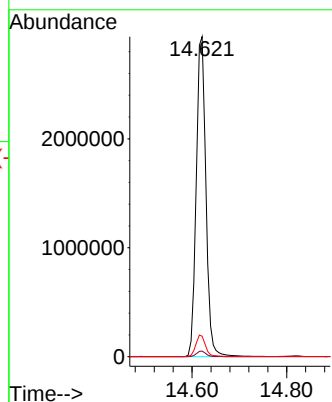
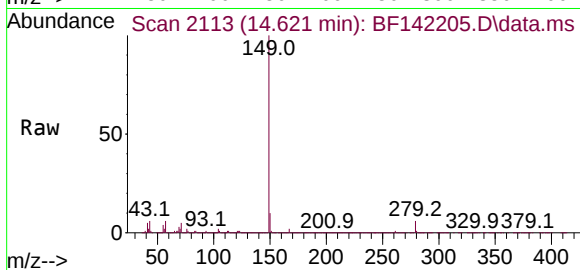
Tgt Ion:149 Resp: 4168419

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.8 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: BF142205.D

Acq: 21 Apr 2025 14:02

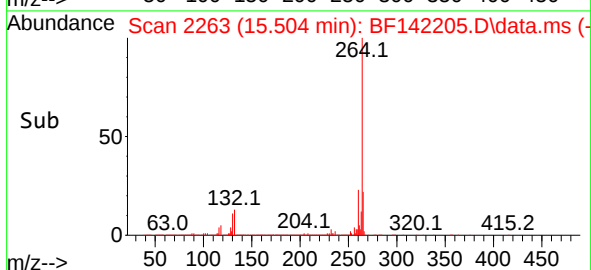
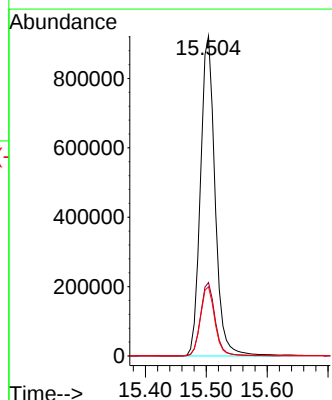
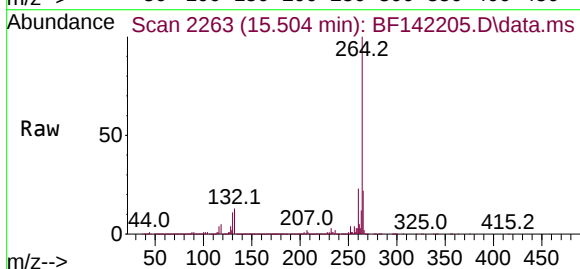
Tgt Ion:264 Resp: 1537238

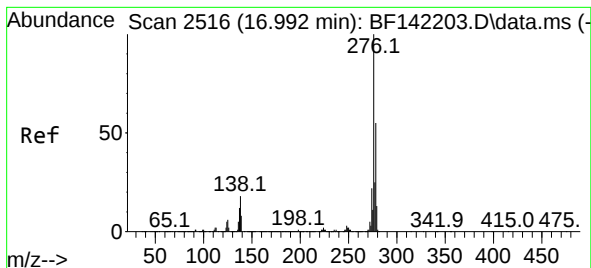
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.544 ng

RT: 16.998 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNA_F

ClientSampleId :

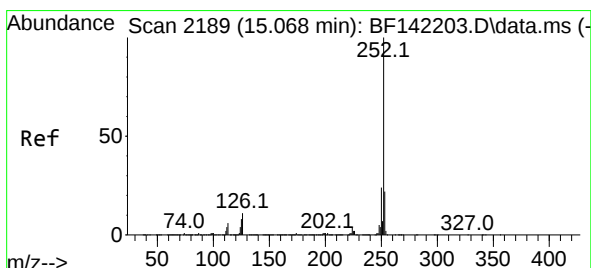
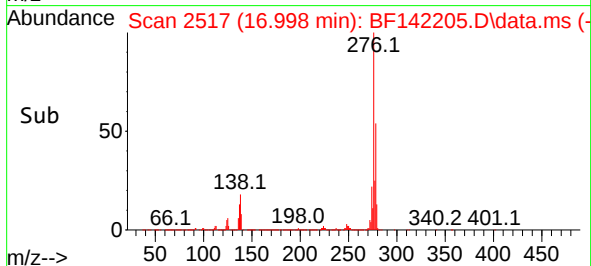
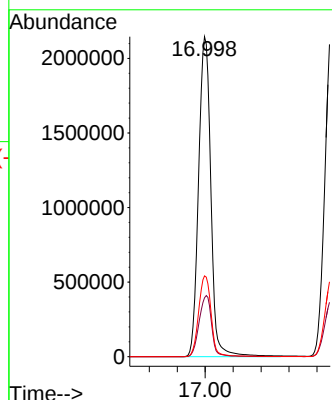
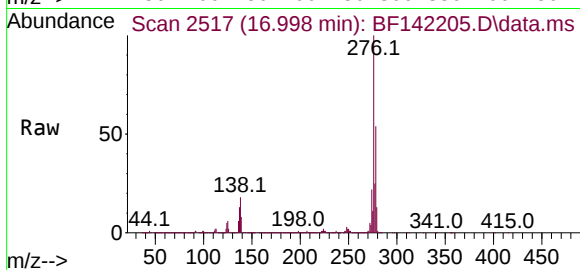
Tgt Ion:276 Resp: 6529994

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 25.7 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 58.339 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

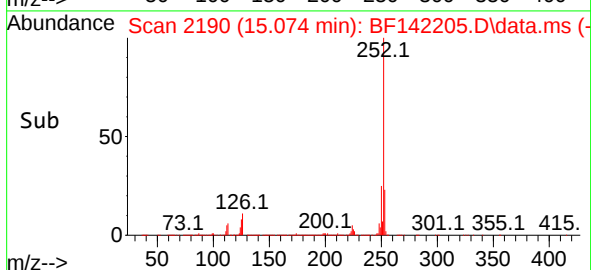
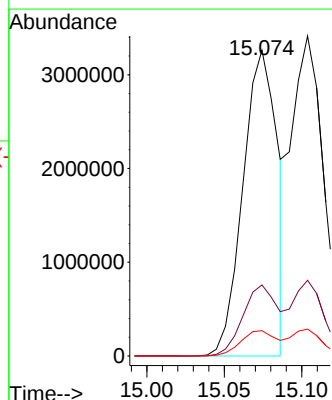
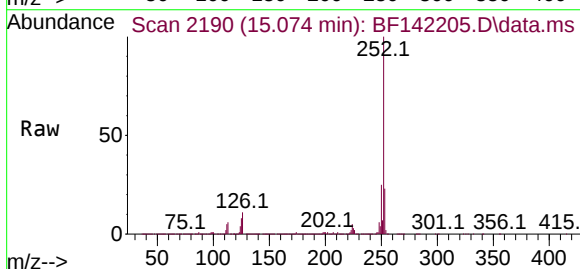
Tgt Ion:252 Resp: 5031379

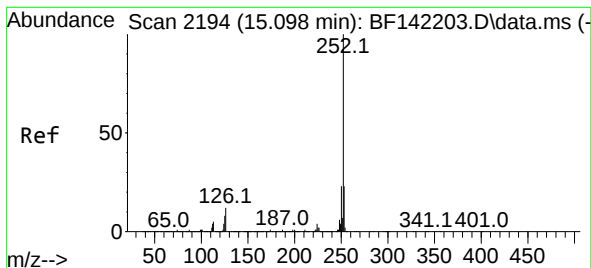
Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

125 8.3 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 59.880 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

Instrument :

BNF

ClientSampleId :

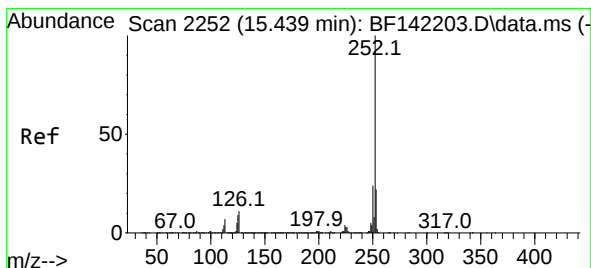
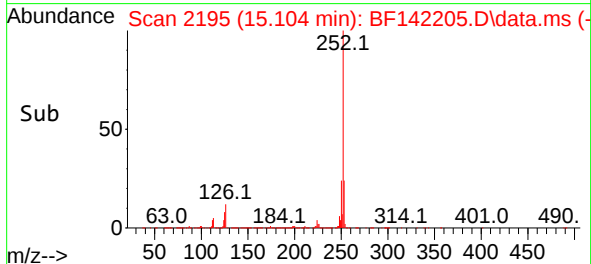
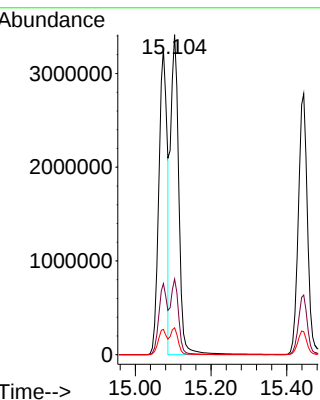
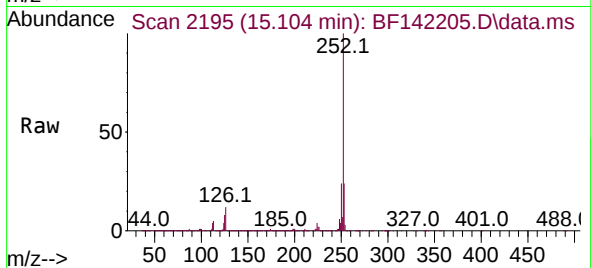
Tgt Ion:252 Resp: 5107601

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 8.4 6.6 10.0



#90

Benzo(a)pyrene

Concen: 60.580 ng

RT: 15.445 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF142205.D

Acq: 21 Apr 2025 14:02

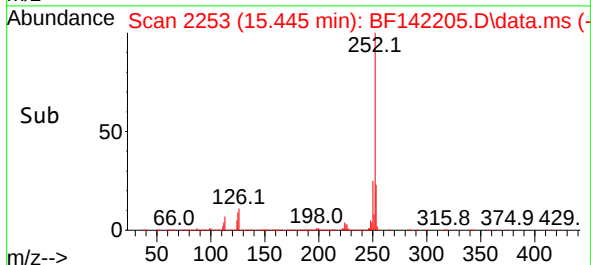
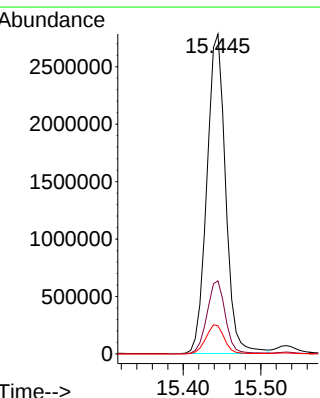
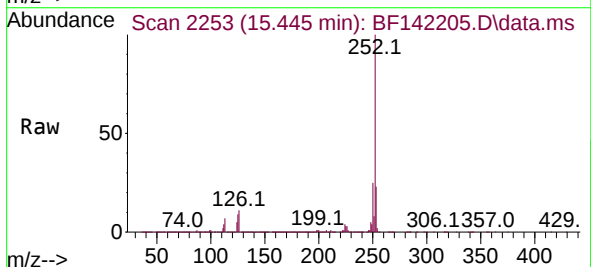
Tgt Ion:252 Resp: 4675726

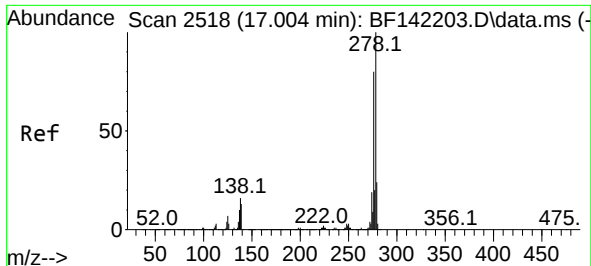
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 8.8 7.1 10.7

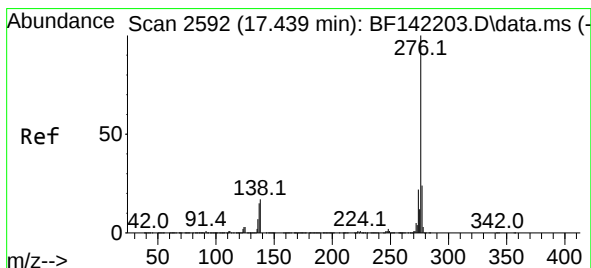
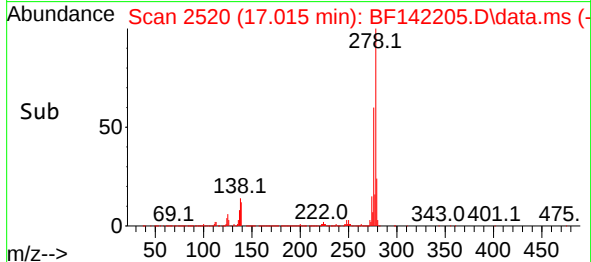
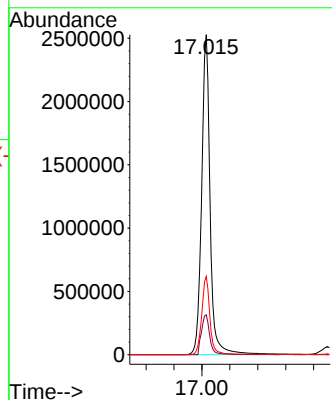
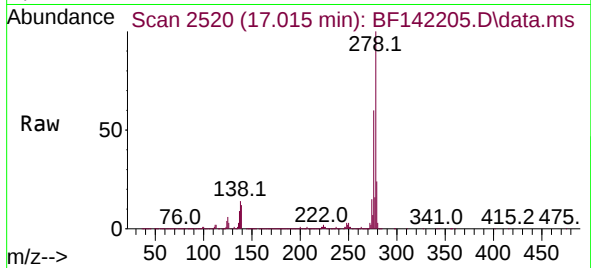




#91
Dibenzo(a,h)anthracene
Concen: 60.536 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 5326001
Ion Ratio Lower Upper
278 100
139 12.4 10.2 15.4
279 24.5 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 60.896 ng
RT: 17.451 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF142205.D
Acq: 21 Apr 2025 14:02

Tgt Ion:276 Resp: 5580301
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 16.8 13.4 20.2

