

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142203.D
 Acq On : 21 Apr 2025 13:06
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:02:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 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	635457	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2294394	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1295615	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	2221523	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1374564	20.000	ng	0.00
86) Perylene-d12	15.504	264	1455182	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2663652	78.588	ng	0.00
7) Phenol-d6	6.492	99	3285846	77.410	ng	0.00
23) Nitrobenzene-d5	7.428	82	2869044	78.532	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1422526	80.303	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5705463	71.777	ng	0.00
79) Terphenyl-d14	12.974	244	6078399	74.083	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	526948	38.301	ng	98
3) Pyridine	3.387	79	1208301	40.463	ng	99
4) n-Nitrosodimethylamine	3.334	42	485318	40.026	ng	93
6) Aniline	6.528	93	1556213	39.705	ng	100
8) 2-Chlorophenol	6.651	128	1534286	39.546	ng	100
9) Benzaldehyde	6.416	77	868315	37.259	ng	99
10) Phenol	6.504	94	1758111	39.269	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1293477	38.311	ng	98
12) 1,3-Dichlorobenzene	6.804	146	1707364	38.835	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1739224	38.571	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1621618	38.658	ng	99
15) Benzyl Alcohol	7.004	79	1232179	39.812	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1267874	38.742	ng	99
17) 2-Methylphenol	7.116	107	1147379	39.294	ng	99
18) Hexachloroethane	7.375	117	591303	38.601	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	905661	37.731	ng	99
20) 3+4-Methylphenols	7.269	107	1437999	39.597	ng	99
22) Acetophenone	7.275	105	1960556	38.929	ng	99
24) Nitrobenzene	7.451	77	1451066	40.092	ng	98
25) Isophorone	7.686	82	2400402	39.142	ng	99
26) 2-Nitrophenol	7.763	139	788228	41.431	ng	100
27) 2,4-Dimethylphenol	7.798	122	996931	40.301	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1581641	39.297	ng	99
29) 2,4-Dichlorophenol	8.004	162	1353064	40.217	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1542491	39.205	ng	100
31) Naphthalene	8.169	128	4207666	38.822	ng	99
32) Benzoic acid	7.916	122	828761	37.930	ng	100
33) 4-Chloroaniline	8.222	127	1557576	39.689	ng	99
34) Hexachlorobutadiene	8.286	225	1029313	39.643	ng	99
35) Caprolactam	8.586	113	360269	40.141	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	1347101	39.776	ng	100
37) 2-Methylnaphthalene	8.857	142	2946088	39.331	ng	98
38) 1-Methylnaphthalene	8.957	142	2811742	38.769	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	1659315	39.142	ng	100
41) Hexachlorocyclopentadiene	9.010	237	585721	45.058	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1007035	40.689	ng	99

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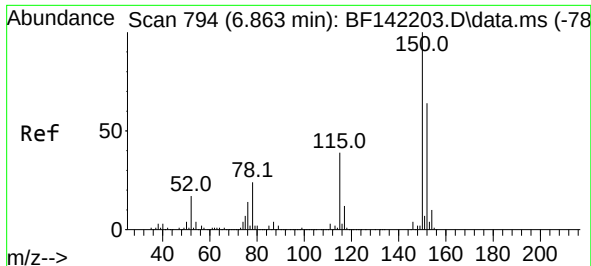
Quant Time: Apr 22 02:02:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	1062965	40.068	ng	99
46) 1,1'-Biphenyl	9.322	154	3616786	38.930	ng	99
47) 2-Chloronaphthalene	9.351	162	2802498	38.862	ng	100
48) 2-Nitroaniline	9.445	65	684114	40.471	ng	99
49) Acenaphthylene	9.763	152	3965503	38.904	ng	100
50) Dimethylphthalate	9.622	163	3239810	39.001	ng	100
51) 2,6-Dinitrotoluene	9.686	165	754757	40.469	ng	99
52) Acenaphthene	9.939	154	2848926	38.786	ng	100
53) 3-Nitroaniline	9.857	138	736247	41.200	ng	96
54) 2,4-Dinitrophenol	9.963	184	370041	40.510	ng	99
55) Dibenzofuran	10.110	168	4018334	39.022	ng	100
56) 4-Nitrophenol	10.010	139	530978	40.619	ng	99
57) 2,4-Dinitrotoluene	10.092	165	975394	40.492	ng	99
58) Fluorene	10.451	166	3076168	38.617	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	952752	40.171	ng	98
60) Diethylphthalate	10.322	149	3077037	39.668	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	1713906	39.076	ng	98
62) 4-Nitroaniline	10.469	138	696382	40.998	ng	99
63) Azobenzene	10.604	77	2637253	39.045	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	521613	40.225	ng	99
66) n-Nitrosodiphenylamine	10.563	169	2640166	38.777	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1152524	39.449	ng	100
68) Hexachlorobenzene	10.998	284	1349597	38.818	ng	99
69) Atrazine	11.080	200	448269	26.979	ng	98
70) Pentachlorophenol	11.192	266	752259	42.413	ng	99
71) Phenanthrene	11.416	178	4230167	38.345	ng	99
72) Anthracene	11.469	178	4294384	38.932	ng	99
73) Carbazole	11.621	167	3750464	38.919	ng	99
74) Di-n-butylphthalate	11.951	149	4038212	40.487	ng	100
75) Fluoranthene	12.604	202	4404230	38.407	ng	99
77) Benzidine	12.727	184	1059498	59.729	ng	98
78) Pyrene	12.833	202	4377433	40.097	ng	99
80) Butylbenzylphthalate	13.445	149	1105260	41.827	ng	99
81) Benzo(a)anthracene	14.021	228	3317529	39.848	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	1016522	41.002	ng	99
83) Chrysene	14.057	228	3115824	38.844	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	1482517	41.938	ng	100
85) Di-n-octyl phthalate	14.621	149	2566555	40.992	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	4089436	40.054	ng	98
88) Benzo(b)fluoranthene	15.074	252	3301583	40.441	ng	100
89) Benzo(k)fluoranthene	15.098	252	3071257	38.037	ng	100
90) Benzo(a)pyrene	15.439	252	2881593	39.440	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	3387132	40.669	ng	98
92) Benzo(g,h,i)perylene	17.439	276	3502048	40.371	ng	99

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

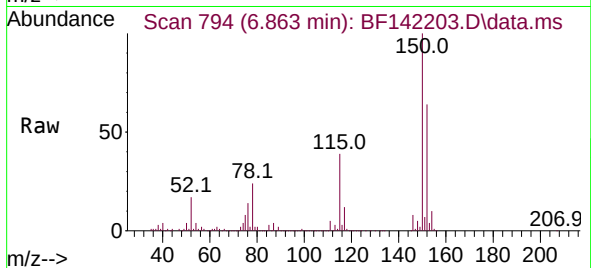
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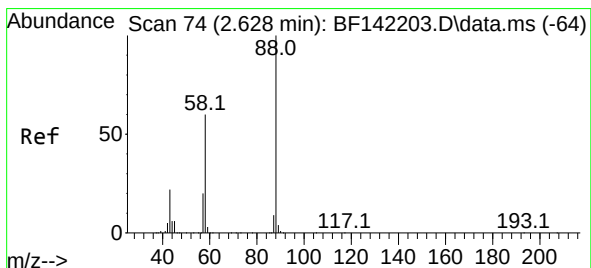
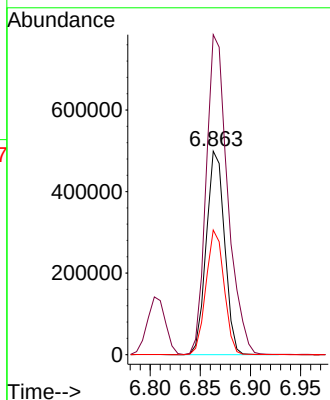
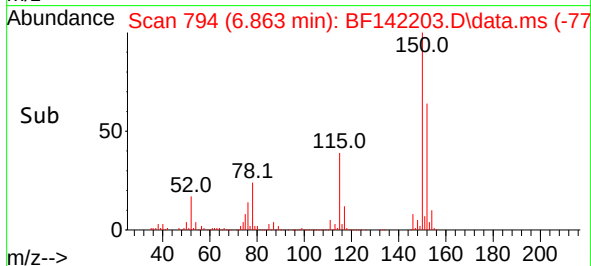


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

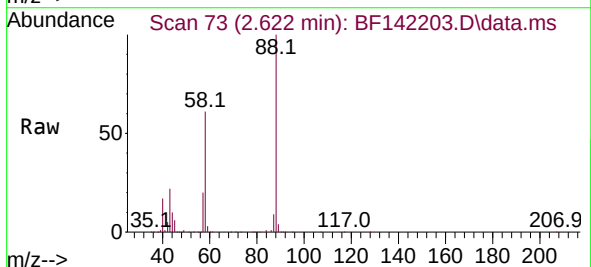
Instrument :
BNA_F
ClientSampleId :



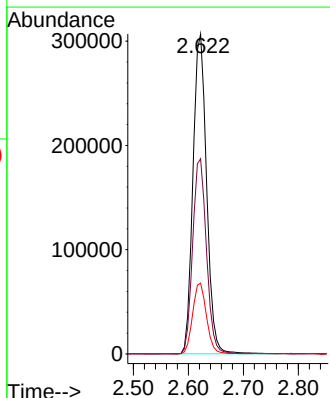
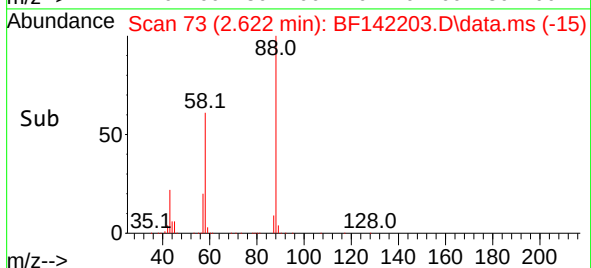
Tgt Ion:152 Resp: 635457
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 61.2 49.4 74.2

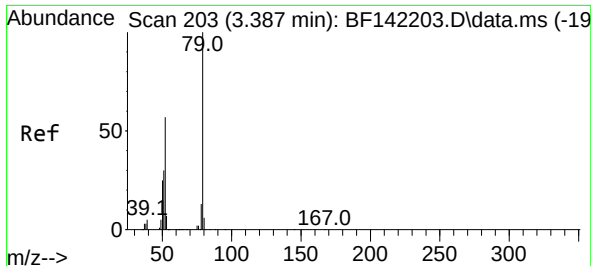


#2
1,4-Dioxane
Concen: 38.301 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06



Tgt Ion: 88 Resp: 526948
Ion Ratio Lower Upper
88 100
58 62.0 47.8 71.6
43 22.3 17.8 26.8

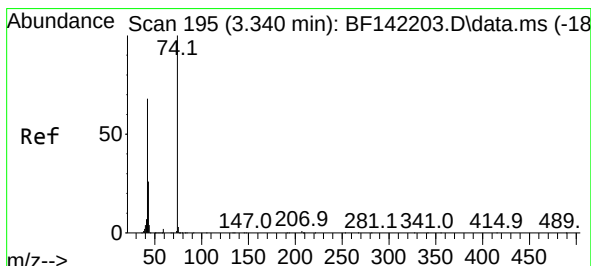
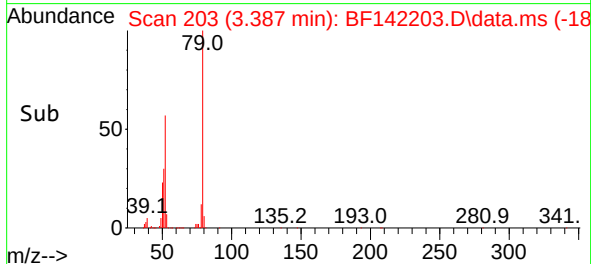
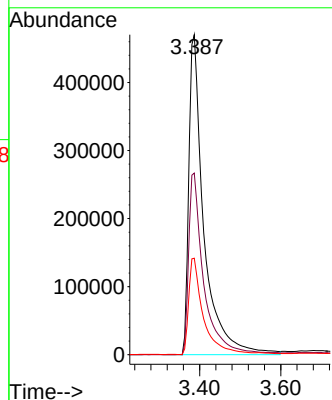
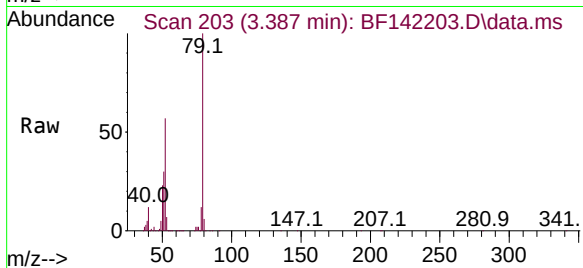




#3
Pyridine
Concen: 40.463 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

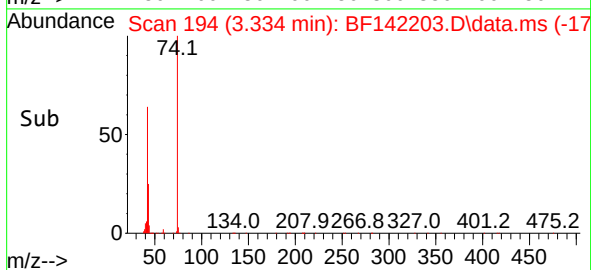
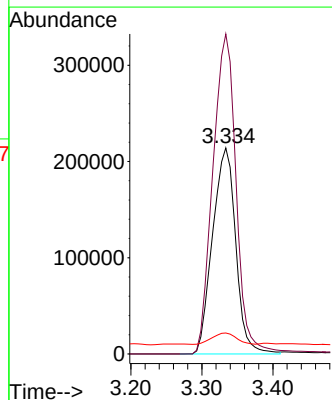
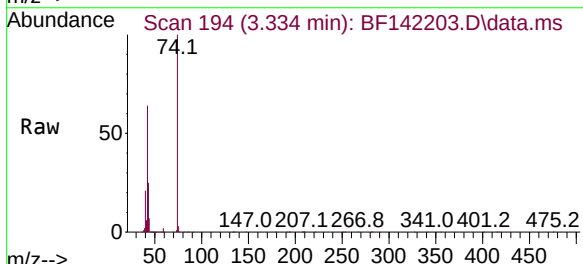
Instrument :
BNA_F
ClientSampleId :

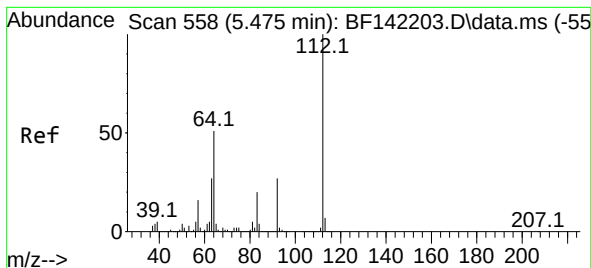
Tgt Ion: 79 Resp: 1208301
Ion Ratio Lower Upper
79 100
52 56.8 45.8 68.8
51 30.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 40.026 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 42 Resp: 485318
Ion Ratio Lower Upper
42 100
74 155.3 117.4 176.0
44 10.2 9.5 14.3





#5

2-Fluorophenol

Concen: 78.588 ng

RT: 5.475 min Scan# 5

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

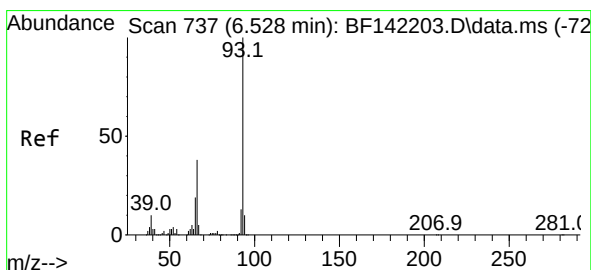
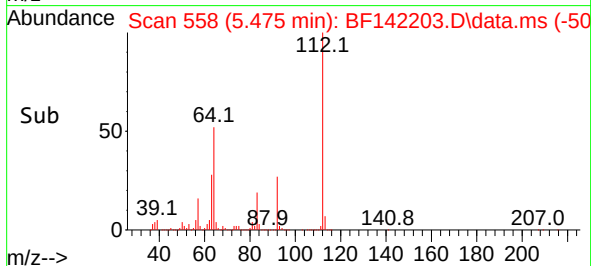
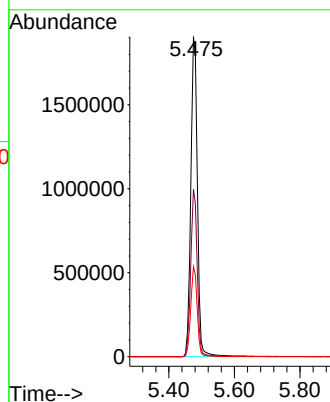
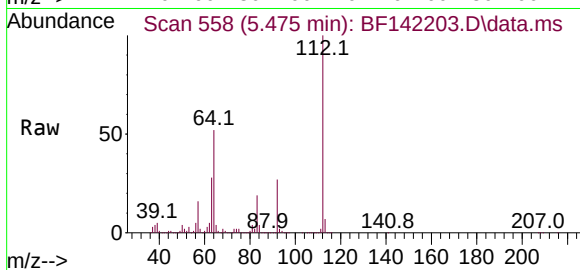
Tgt Ion:112 Resp: 2663652

Ion Ratio Lower Upper

112 100

64 52.4 40.9 61.3

63 28.2 22.0 33.0



#6

Aniline

Concen: 39.705 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

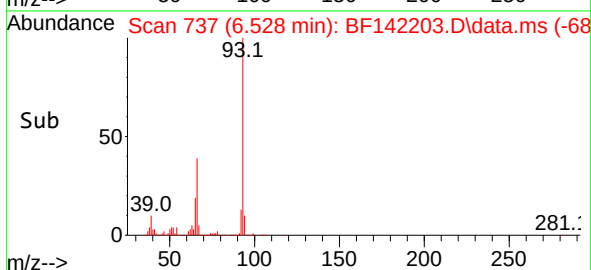
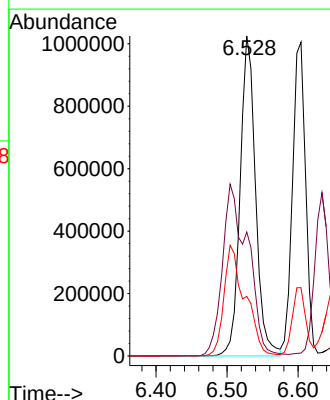
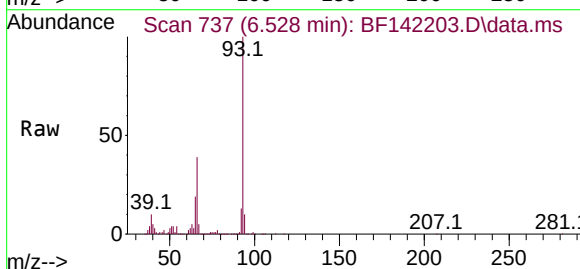
Tgt Ion: 93 Resp: 1556213

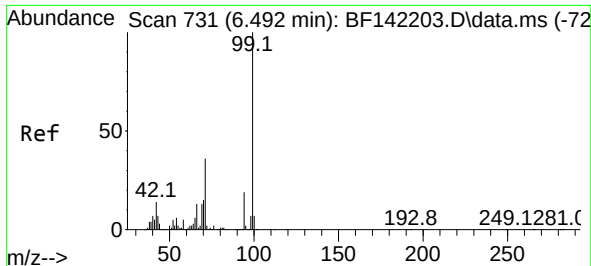
Ion Ratio Lower Upper

93 100

66 38.8 30.9 46.3

65 18.6 15.1 22.7





#7

Phenol-d6

Concen: 77.410 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

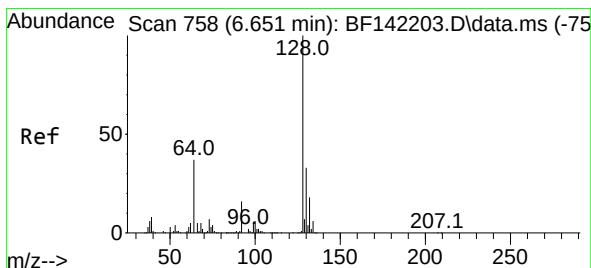
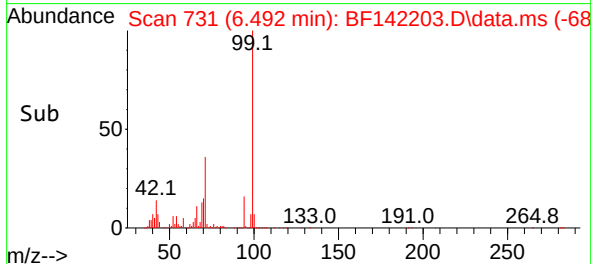
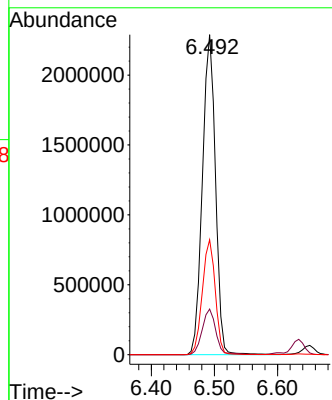
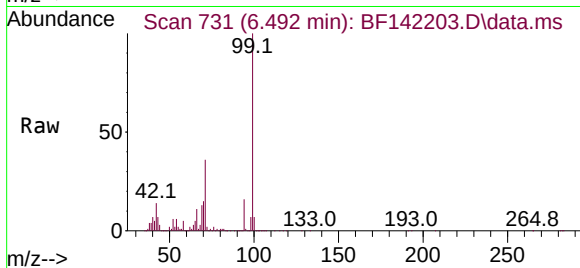
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 3285846

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.5	17.3
71	35.9	28.6	42.8



#8

2-Chlorophenol

Concen: 39.546 ng

RT: 6.651 min Scan# 758

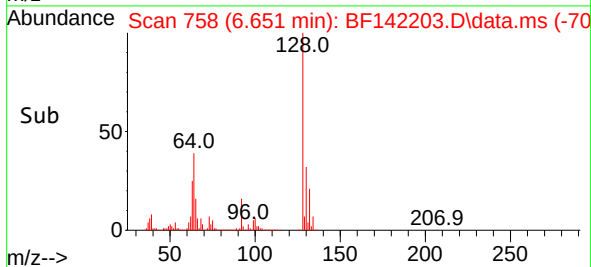
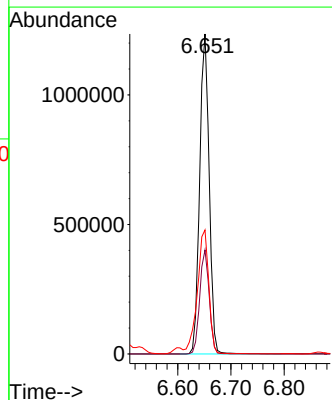
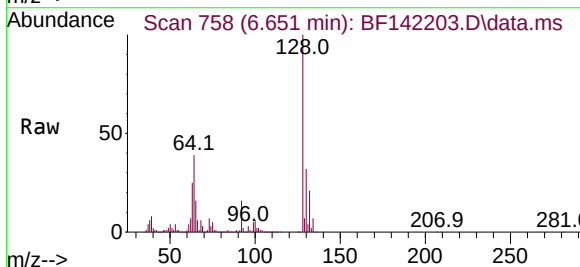
Delta R.T. -0.000 min

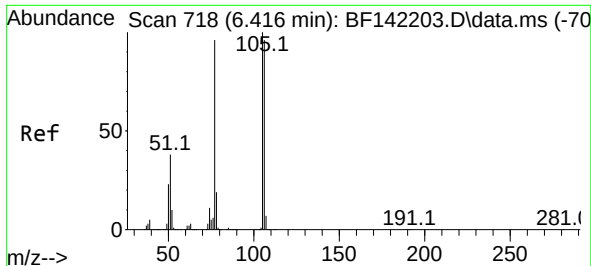
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:128 Resp: 1534286

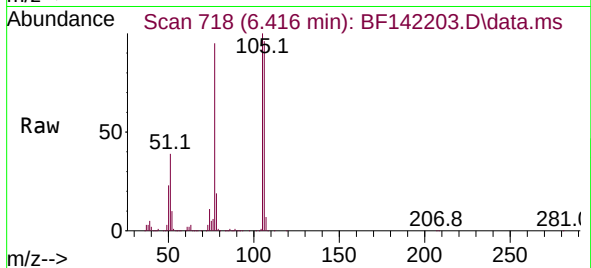
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	38.8	18.8	58.8



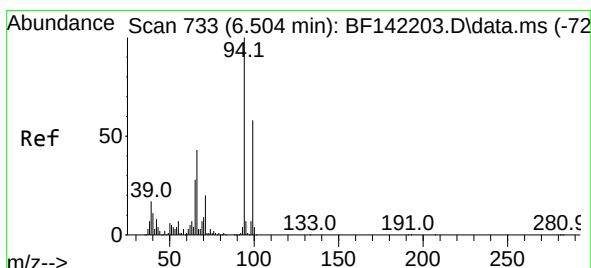
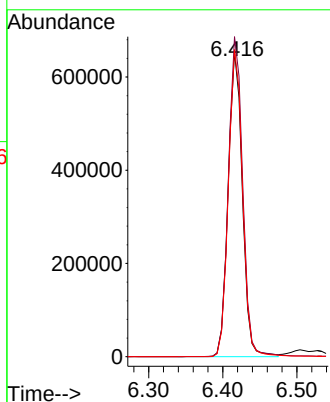
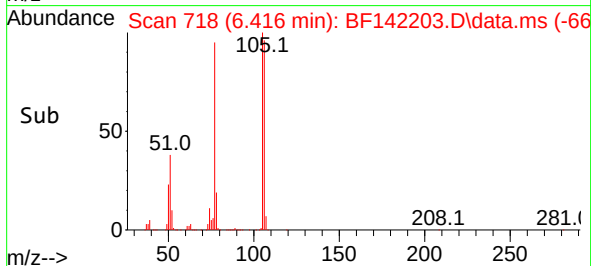


#9
Benzaldehyde
Concen: 37.259 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :

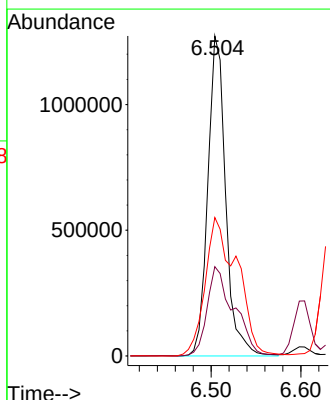
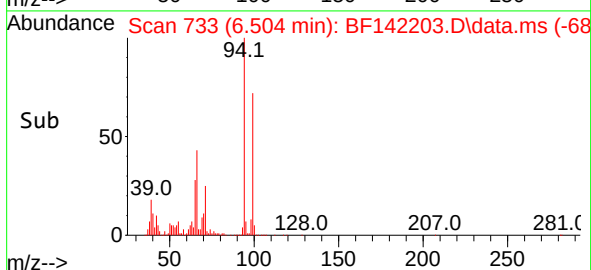
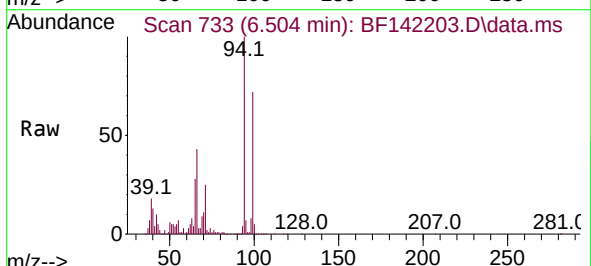


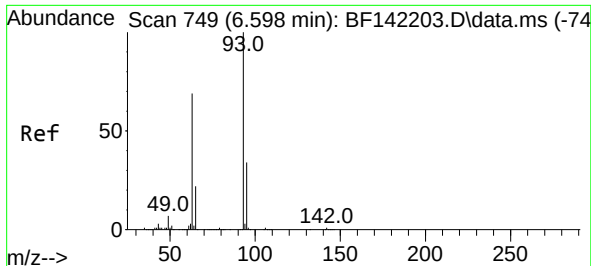
Tgt Ion: 77 Resp: 868315
Ion Ratio Lower Upper
77 100
105 105.1 84.4 124.4
106 100.9 80.3 120.3



#10
Phenol
Concen: 39.269 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 94 Resp: 1758111
Ion Ratio Lower Upper
94 100
65 27.9 8.1 48.1
66 43.3 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 38.311 ng

RT: 6.604 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

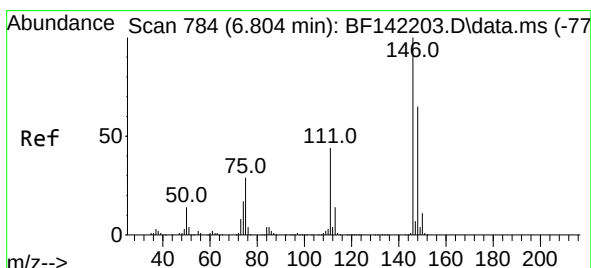
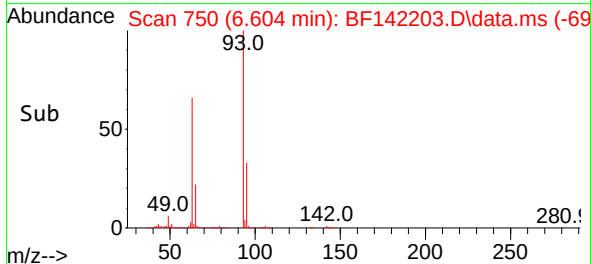
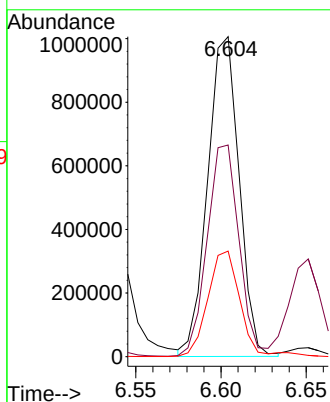
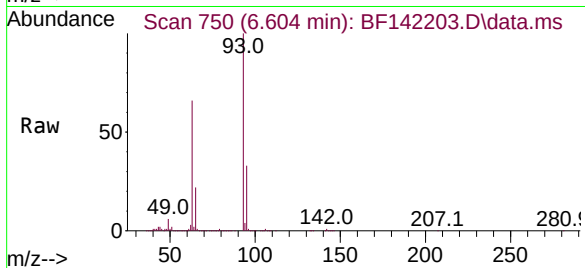
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93 Resp: 1293477

Ion	Ratio	Lower	Upper
93	100		
63	66.1	47.9	87.9
95	33.0	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 38.835 ng

RT: 6.804 min Scan# 784

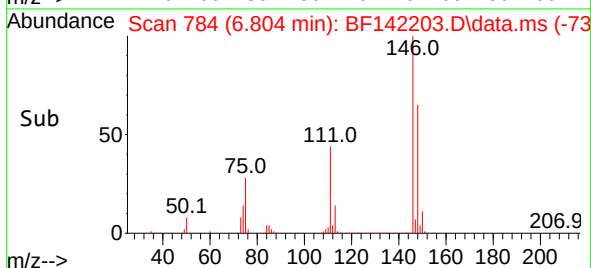
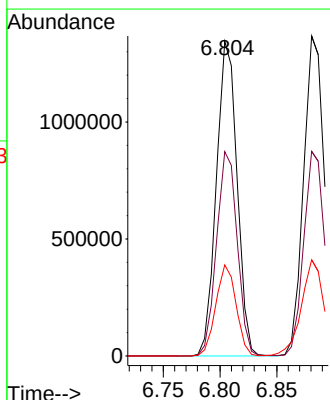
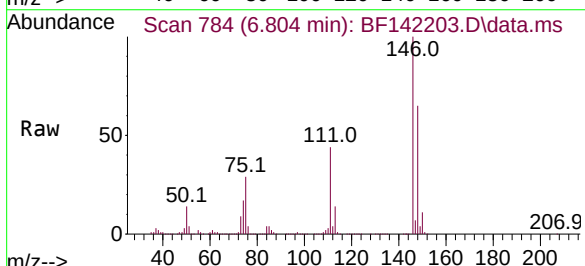
Delta R.T. -0.000 min

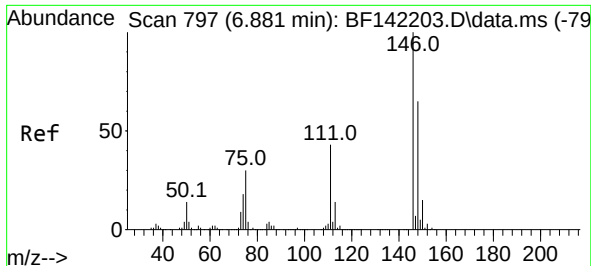
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 146 Resp: 1707364

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
75	28.9	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 38.571 ng

RT: 6.881 min Scan# 797

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

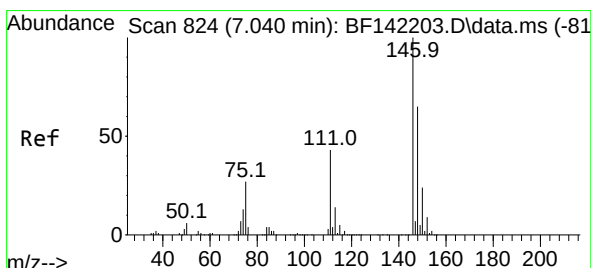
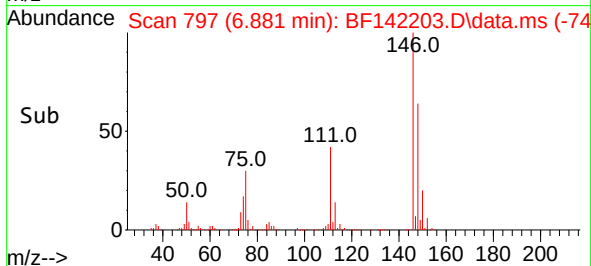
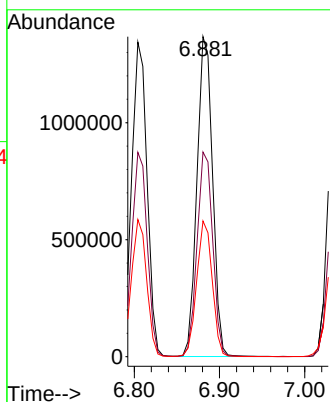
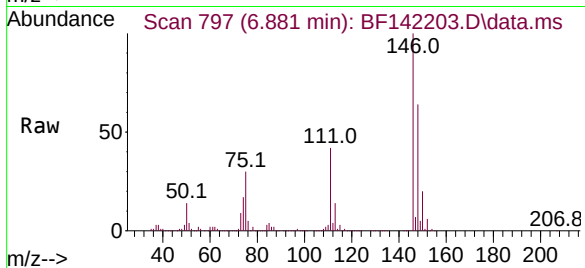
Tgt Ion:146 Resp: 1739224

Ion Ratio Lower Upper

146 100

148 64.0 52.4 78.6

111 42.4 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.658 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

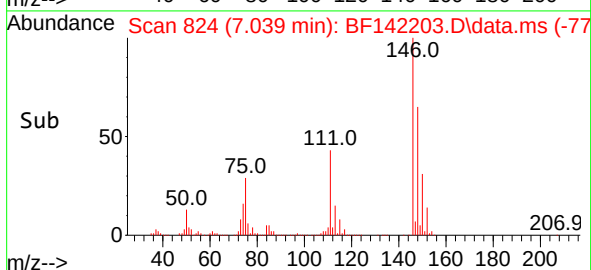
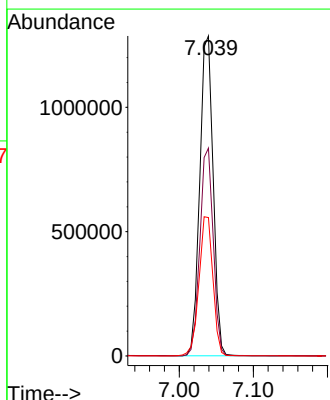
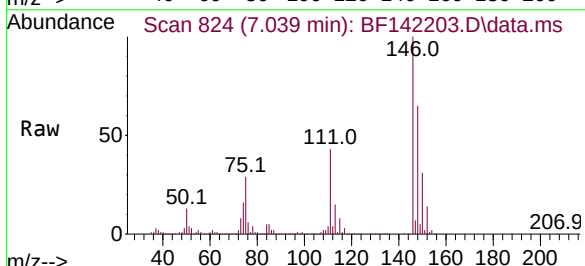
Tgt Ion:146 Resp: 1621618

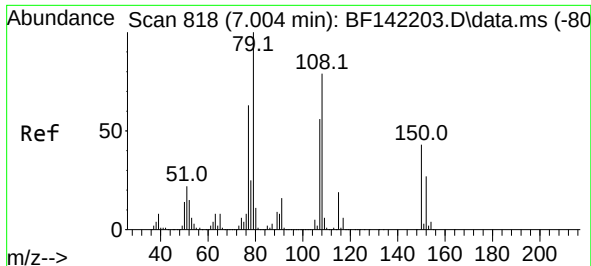
Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.4

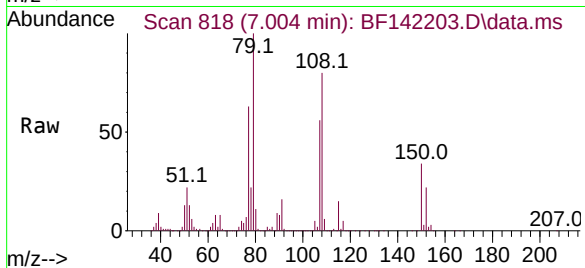
111 43.2 34.2 51.4



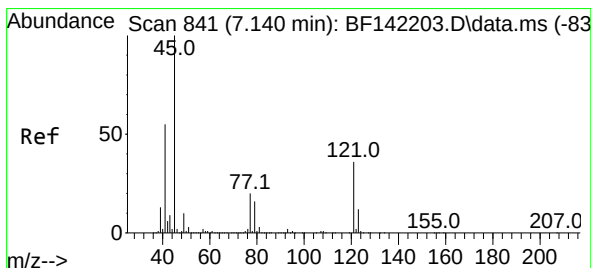
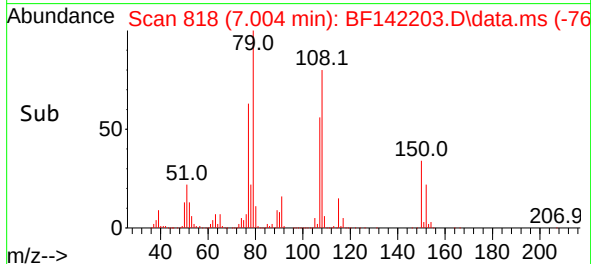
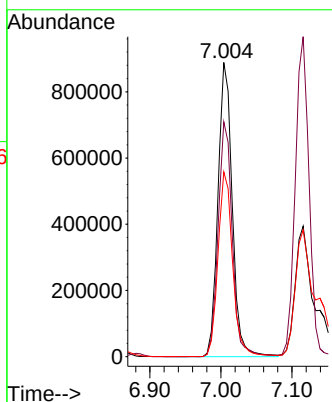


#15
Benzyl Alcohol
Concen: 39.812 ng
RT: 7.004 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :

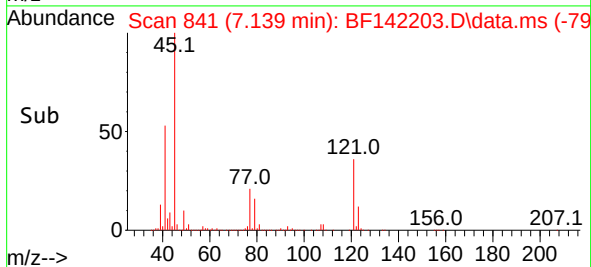
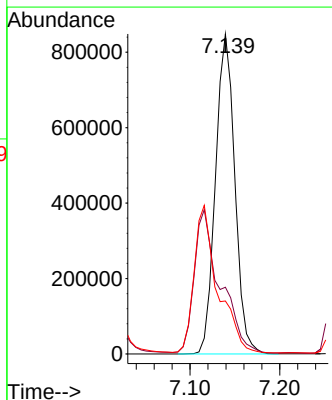
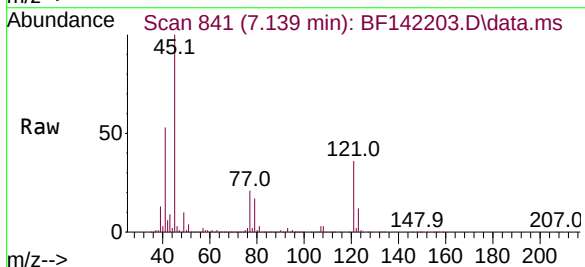


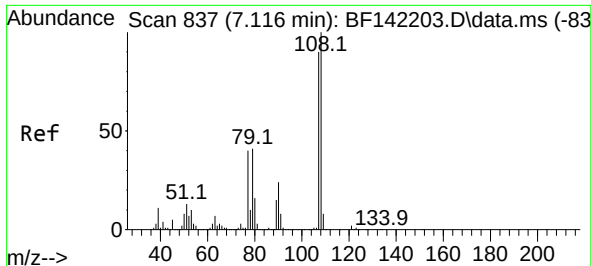
Tgt Ion: 79 Resp: 1232179
Ion Ratio Lower Upper
79 100
108 79.9 63.1 94.7
77 62.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.742 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

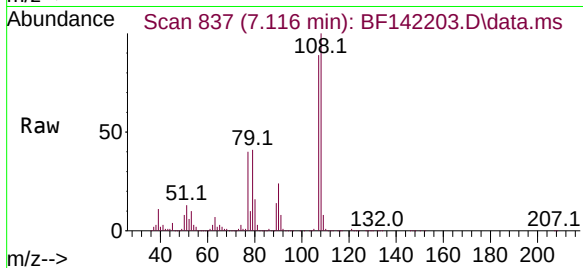
Tgt Ion: 45 Resp: 1267874
Ion Ratio Lower Upper
45 100
77 20.9 1.4 41.4
79 16.5 0.0 36.7





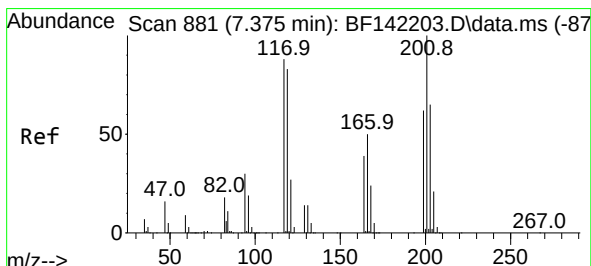
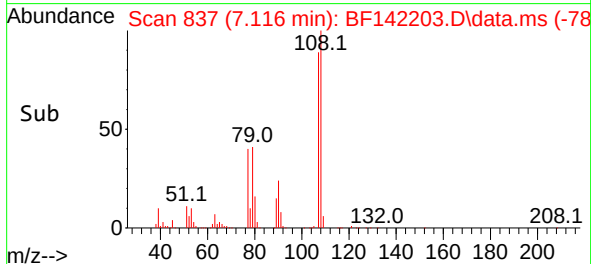
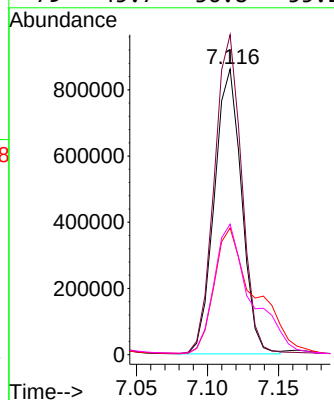
#17
2-Methylphenol
Concen: 39.294 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 1147379

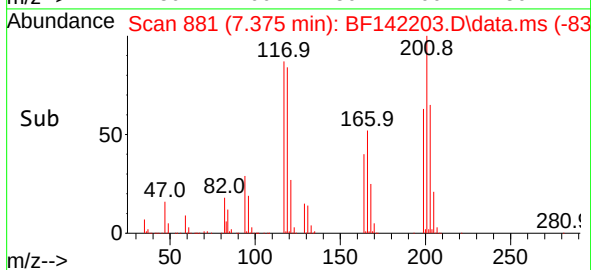
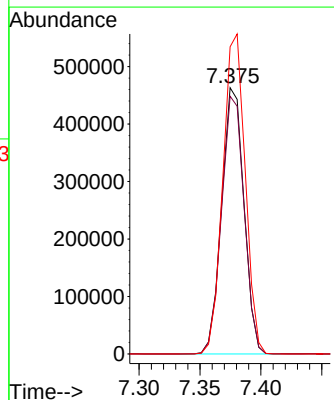
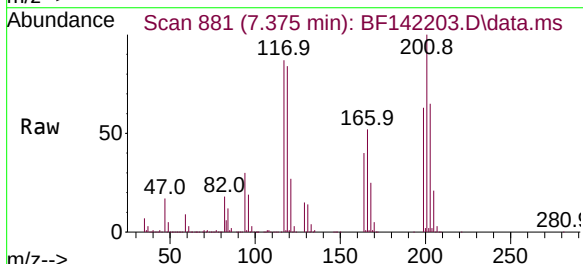
Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.4	134.2
77	44.4	36.3	54.5
79	45.7	36.8	55.2

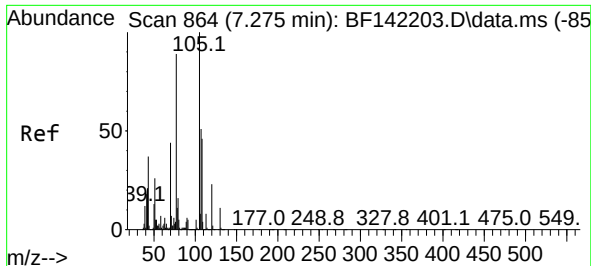


#18
Hexachloroethane
Concen: 38.601 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:117 Resp: 591303

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	115.3	91.4	137.0

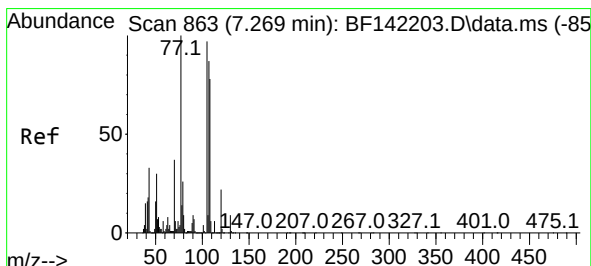
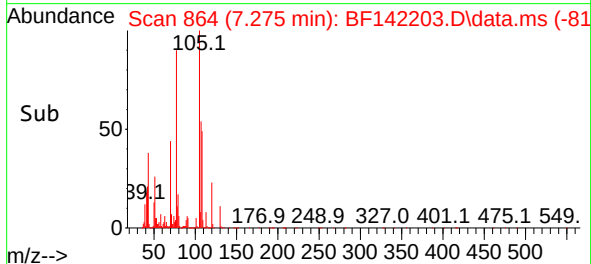
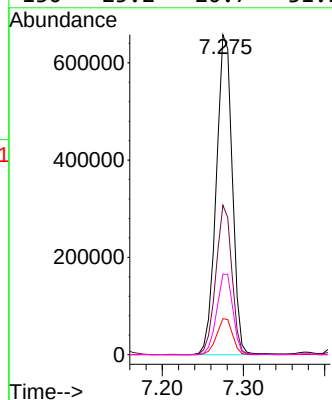
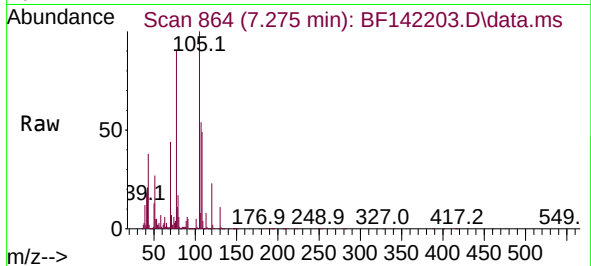




#19
n-Nitroso-di-n-propylamine
Concen: 37.731 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

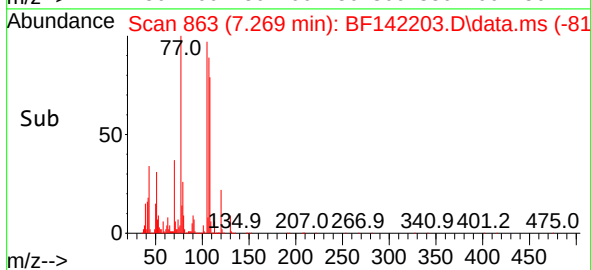
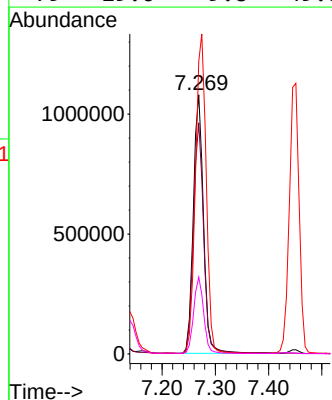
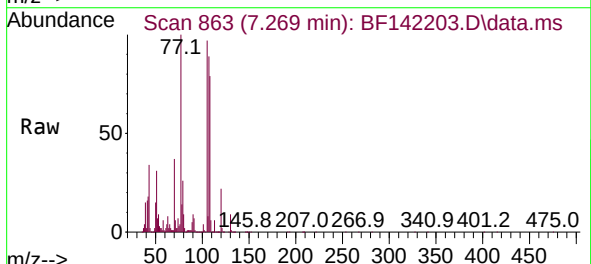
Instrument :
BNA_F
ClientSampleId :

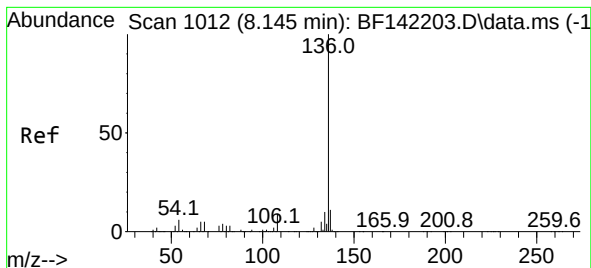
Tgt Ion: 70 Resp: 905661
Ion Ratio Lower Upper
70 100
42 46.7 37.4 56.0
101 11.3 8.6 13.0
130 25.2 20.7 31.1



#20
3+4-Methylphenols
Concen: 39.597 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 107 Resp: 1437999
Ion Ratio Lower Upper
107 100
108 89.2 69.8 109.8
77 112.8 94.5 134.5
79 29.6 9.8 49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1012

Delta R.T. 0.000 min

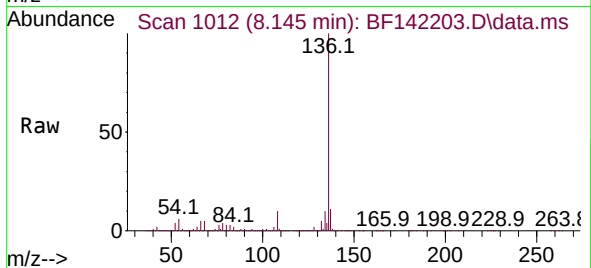
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 2294394

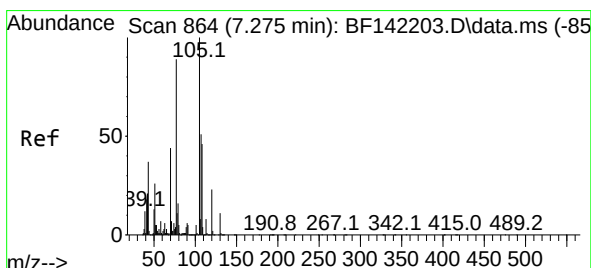
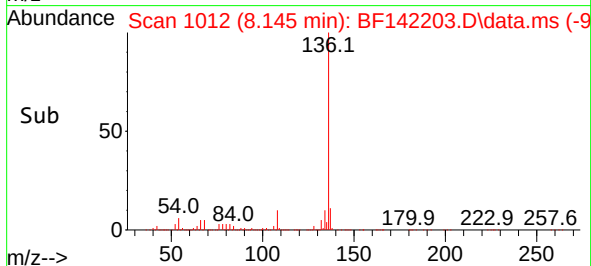
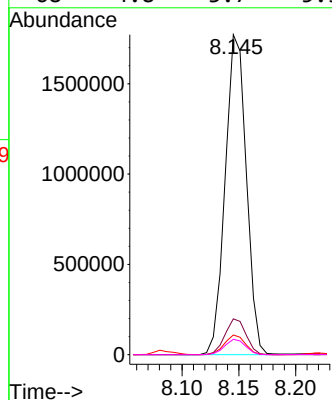
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.2 4.7 7.1

68 4.8 3.7 5.5



#22

Acetophenone

Concen: 38.929 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:105 Resp: 1960556

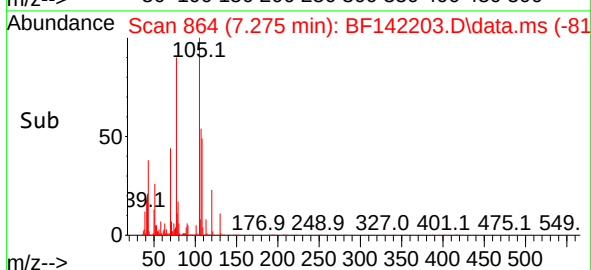
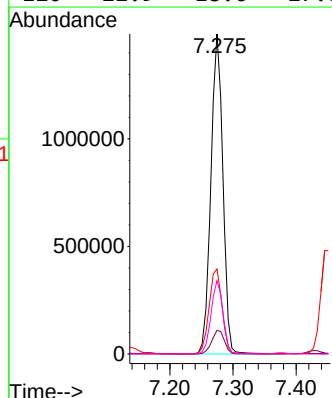
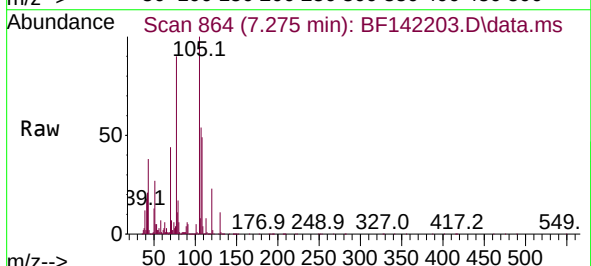
Ion Ratio Lower Upper

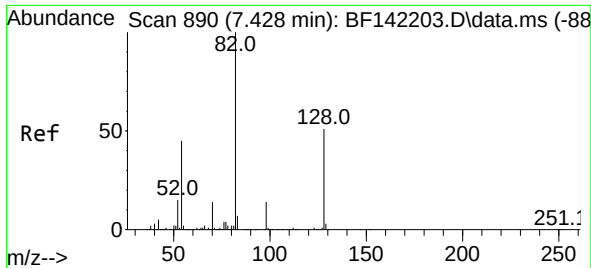
105 100

71 7.4 5.8 8.8

51 26.5 20.9 31.3

120 22.9 18.6 27.8

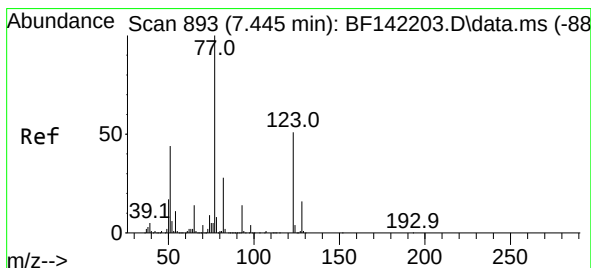
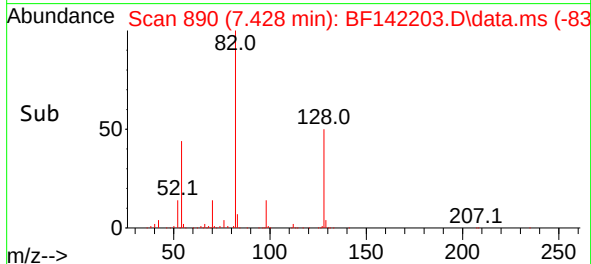
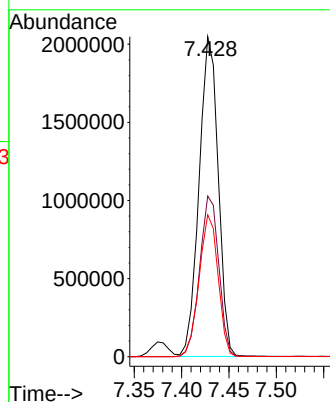
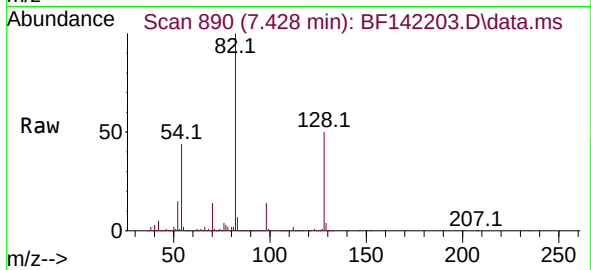




#23
 Nitrobenzene-d5
 Concen: 78.532 ng
 RT: 7.428 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: BF142203.D
 Acq: 21 Apr 2025 13:06

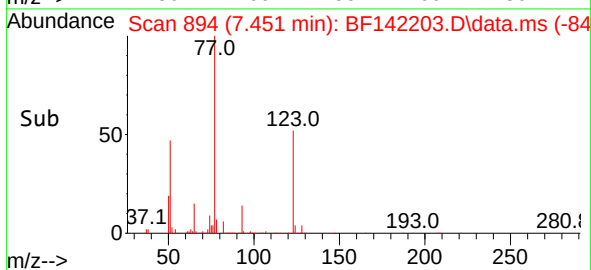
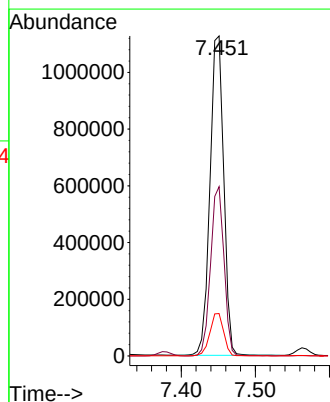
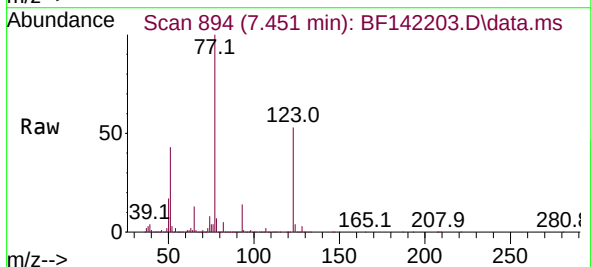
Instrument :
 BNA_F
 ClientSampleId :

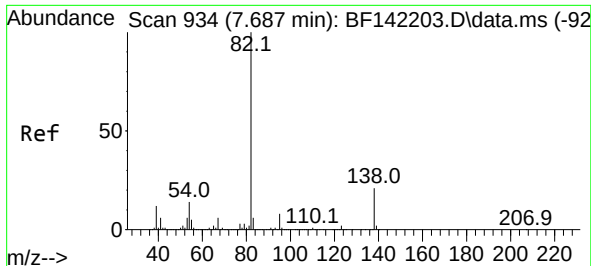
Tgt Ion: 82 Resp: 2869044
 Ion Ratio Lower Upper
 82 100
 128 50.2 40.2 60.2
 54 44.4 35.5 53.3



#24
 Nitrobenzene
 Concen: 40.092 ng
 RT: 7.451 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: BF142203.D
 Acq: 21 Apr 2025 13:06

Tgt Ion: 77 Resp: 1451066
 Ion Ratio Lower Upper
 77 100
 123 52.9 40.7 61.1
 65 13.3 10.9 16.3

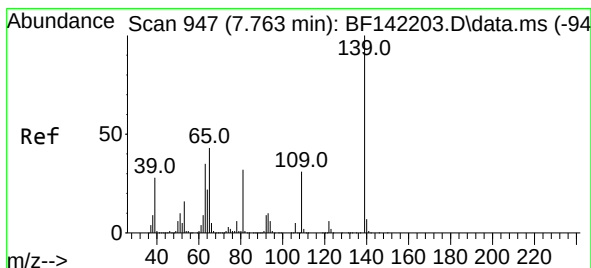
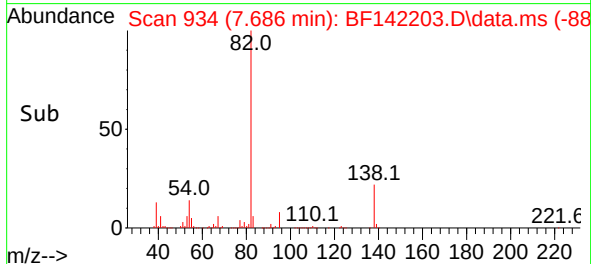
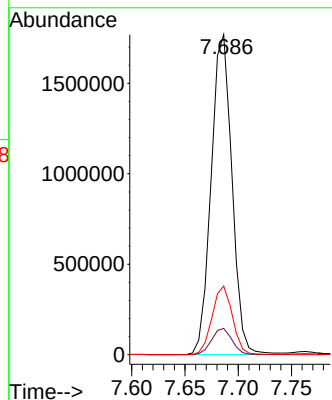
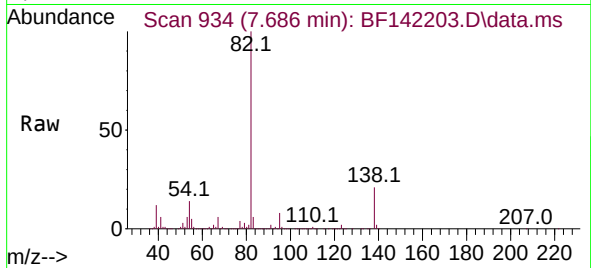




#25
Isophorone
Concen: 39.142 ng
RT: 7.686 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

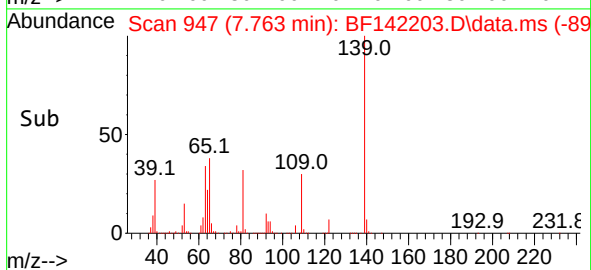
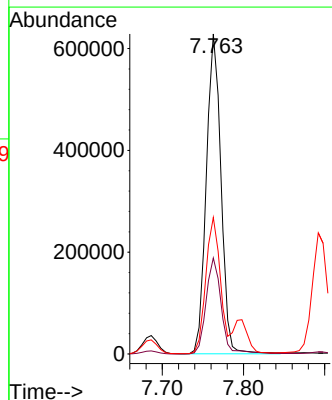
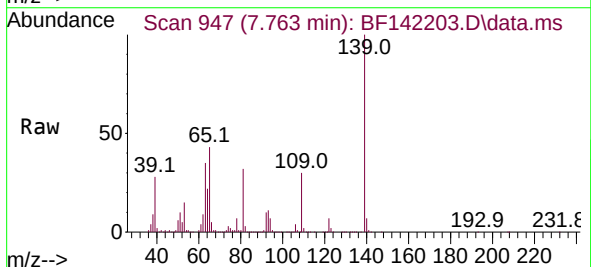
Instrument :
BNA_F
ClientSampleId :

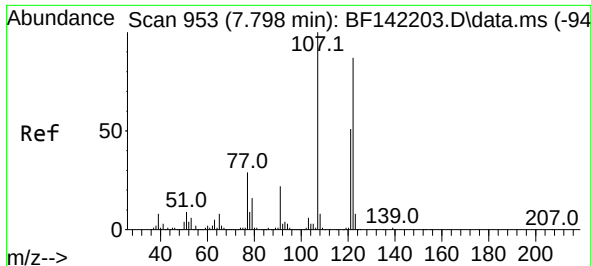
Tgt Ion: 82 Resp: 2400402
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.4 16.9 25.3



#26
2-Nitrophenol
Concen: 41.431 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:139 Resp: 788228
Ion Ratio Lower Upper
139 100
109 30.0 24.4 36.6
65 42.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 40.301 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

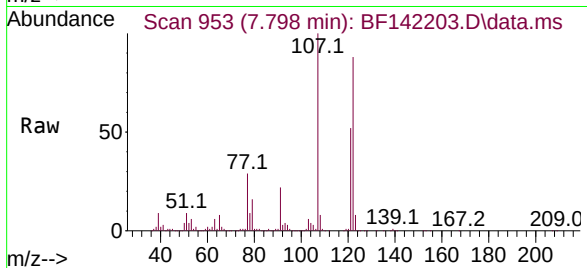
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

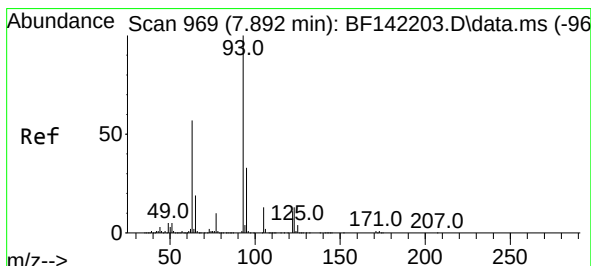
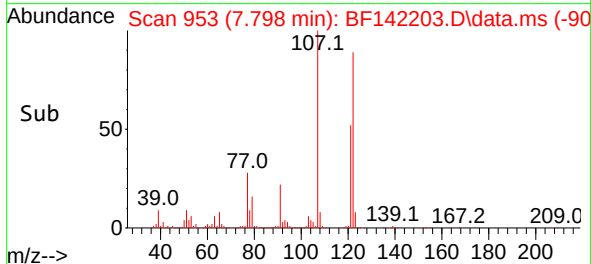
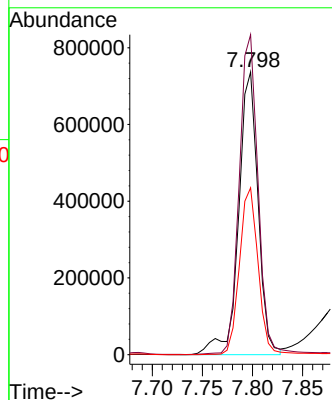
BNA_F

ClientSampleId :



Tgt Ion:122 Resp: 996931

Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.6	137.4
121	59.0	46.7	70.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.297 ng

RT: 7.892 min Scan# 969

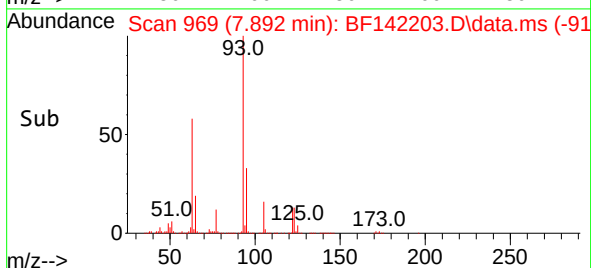
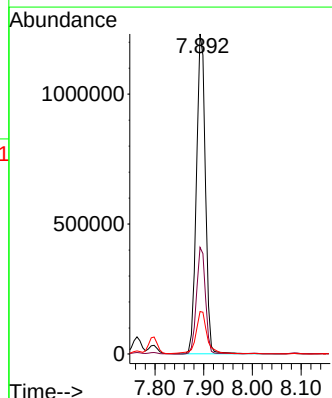
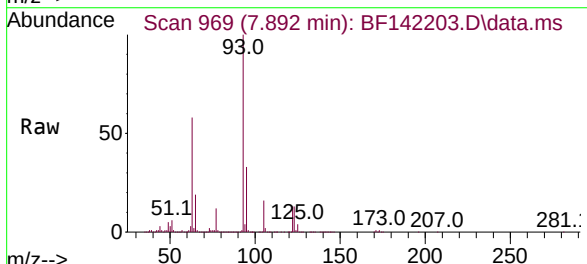
Delta R.T. -0.000 min

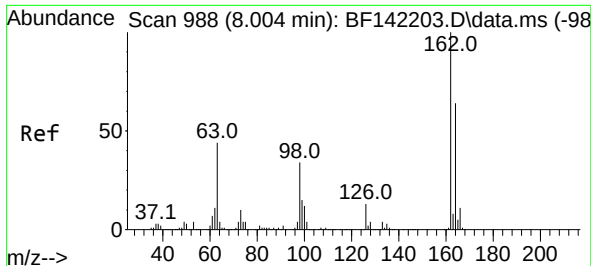
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion: 93 Resp: 1581641

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	13.2	10.9	16.3

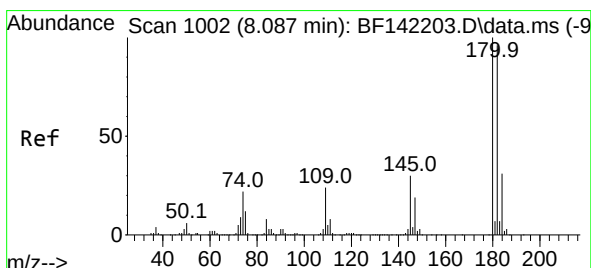
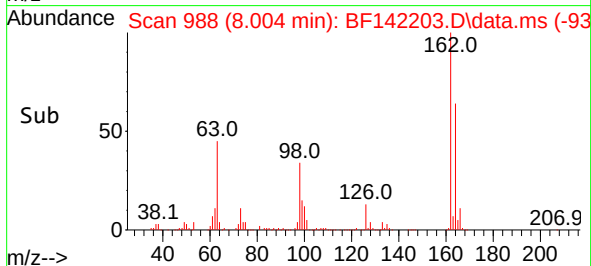
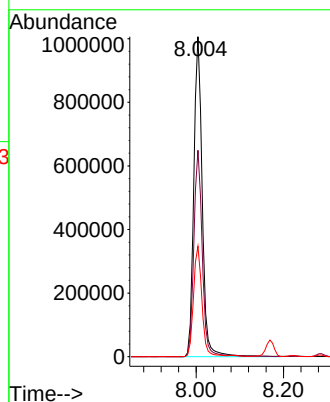
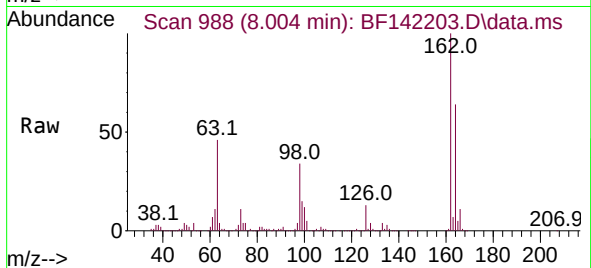




#29
2,4-Dichlorophenol
Concen: 40.217 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

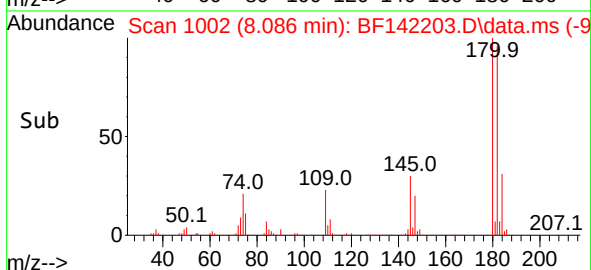
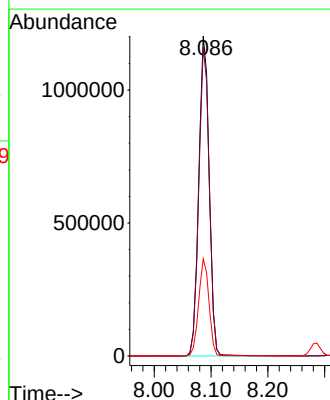
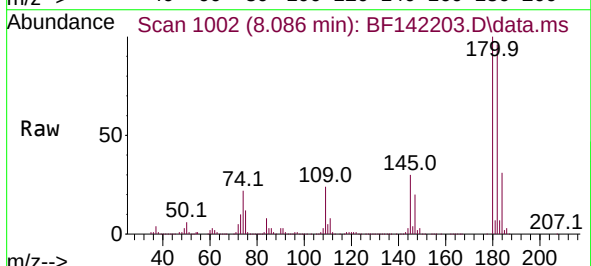
Instrument :
BNA_F
ClientSampleId :

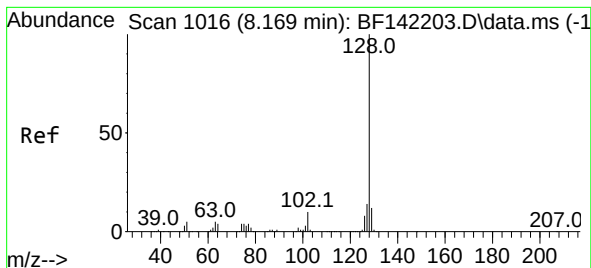
Tgt Ion:162 Resp: 1353064
Ion Ratio Lower Upper
162 100
164 64.5 44.2 84.2
98 34.5 13.8 53.8



#30
1,2,4-Trichlorobenzene
Concen: 39.205 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:180 Resp: 1542491
Ion Ratio Lower Upper
180 100
182 96.5 77.0 115.4
145 30.4 24.3 36.5





#31

Naphthalene

Concen: 38.822 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

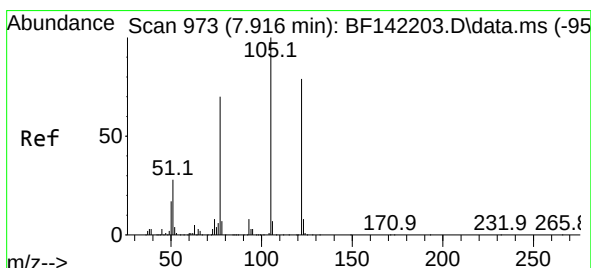
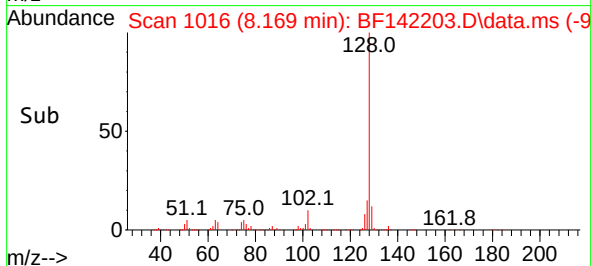
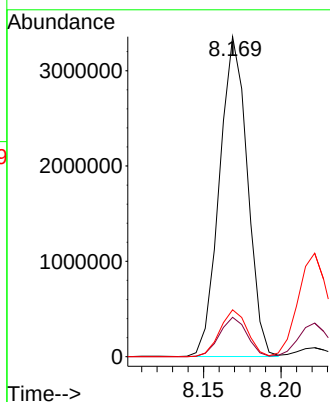
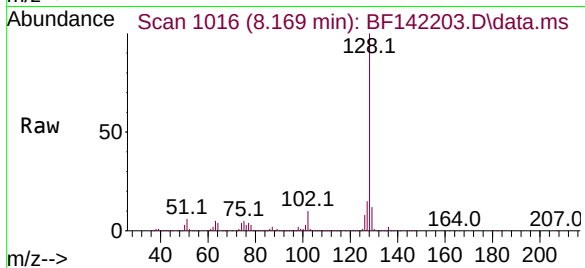
Tgt Ion:128 Resp: 4207666

Ion Ratio Lower Upper

128 100

129 12.3 9.6 14.4

127 14.7 11.4 17.0



#32

Benzoic acid

Concen: 37.930 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

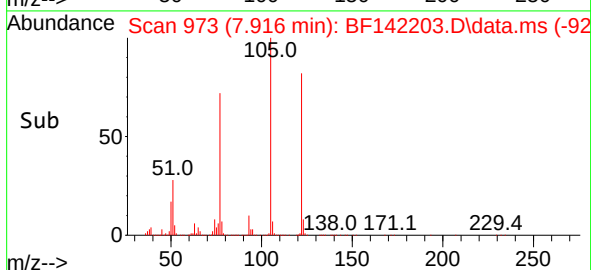
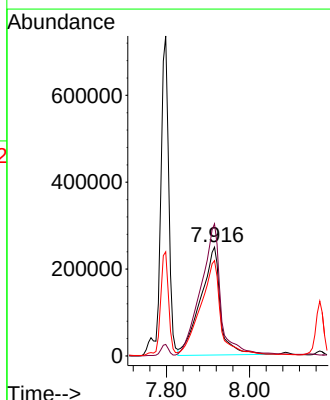
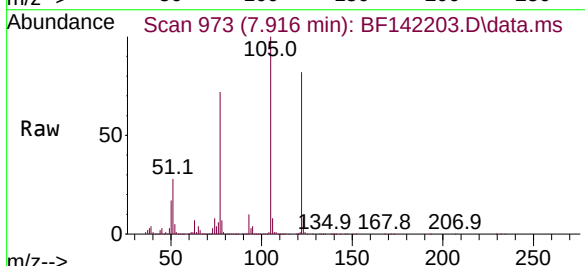
Tgt Ion:122 Resp: 828761

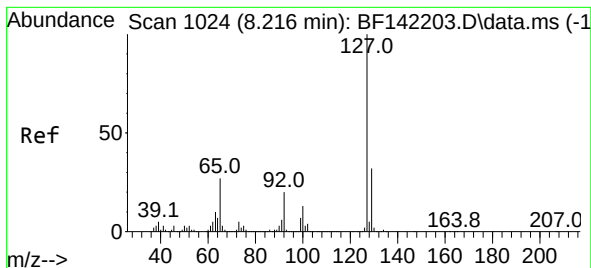
Ion Ratio Lower Upper

122 100

105 121.5 101.5 141.5

77 87.7 66.6 106.6





#33

4-Chloroaniline

Concen: 39.689 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 1557576

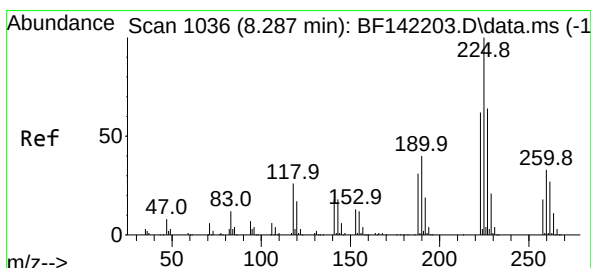
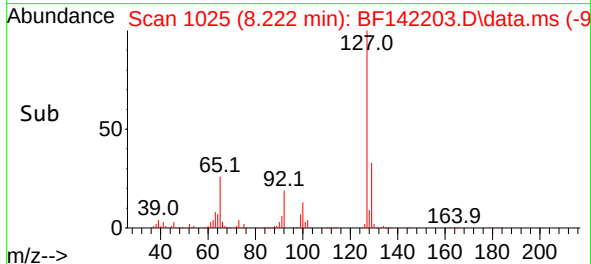
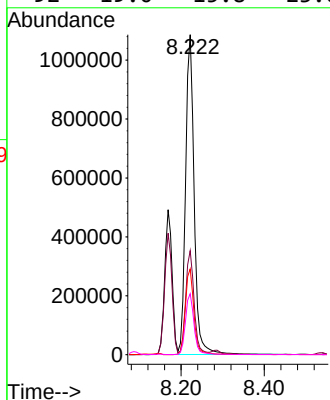
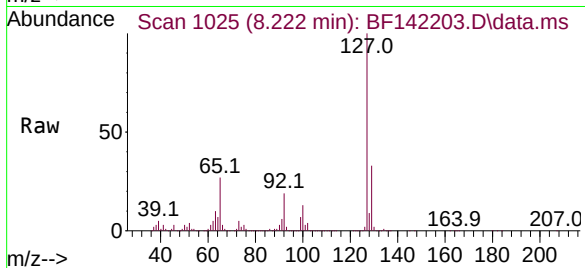
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 26.8 21.8 32.6

92 19.0 15.8 23.6



#34

Hexachlorobutadiene

Concen: 39.643 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

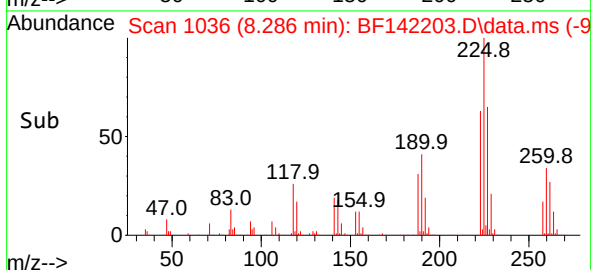
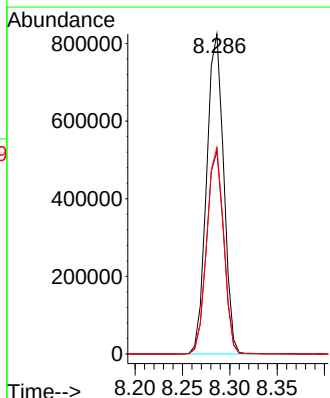
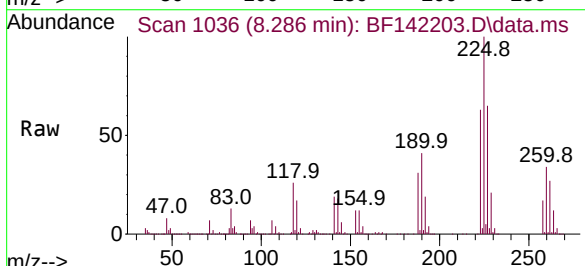
Tgt Ion:225 Resp: 1029313

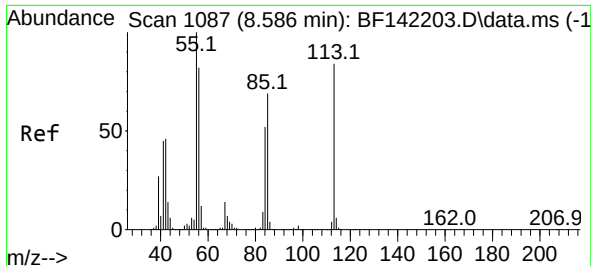
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

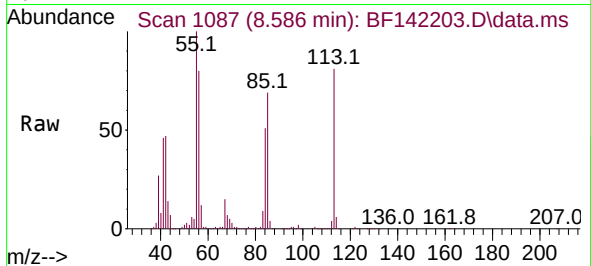
227 64.6 51.4 77.2



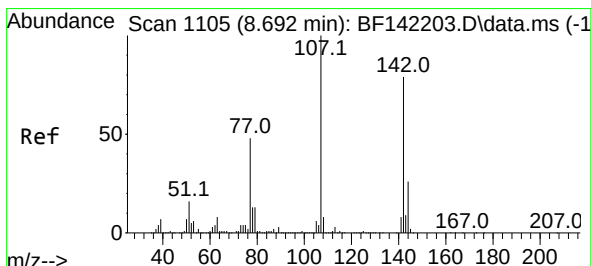
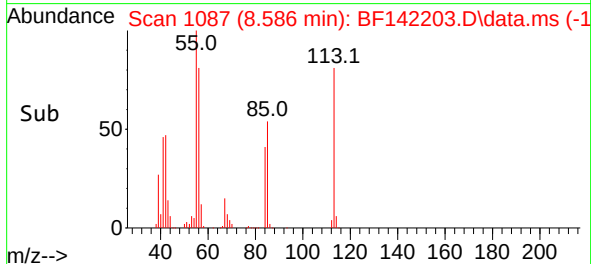
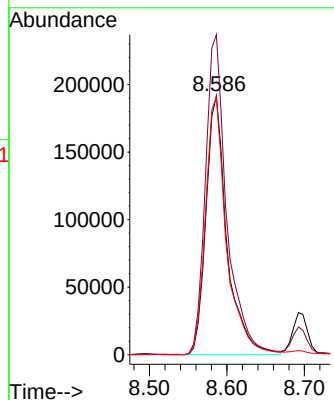


#35
Caprolactam
Concen: 40.141 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :

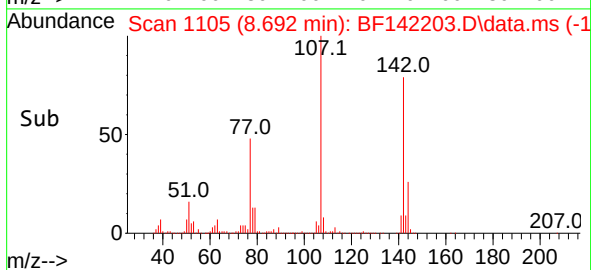
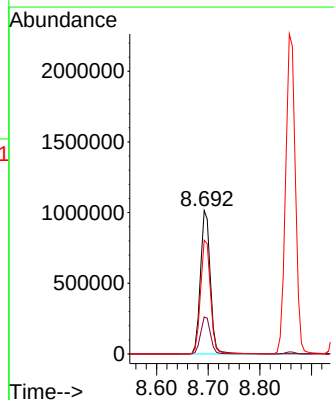
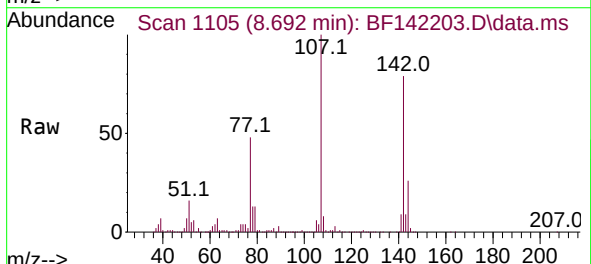


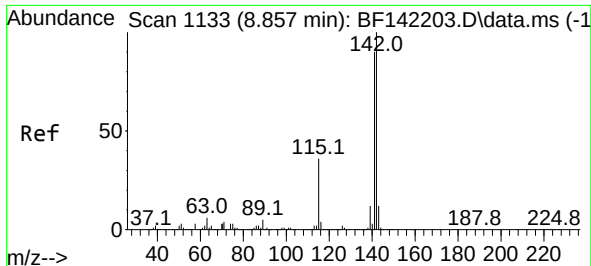
Tgt Ion:113 Resp: 360269
Ion Ratio Lower Upper
113 100
55 123.7 99.5 139.5
56 99.5 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 39.776 ng
RT: 8.692 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:107 Resp: 1347101
Ion Ratio Lower Upper
107 100
144 25.8 20.6 30.8
142 79.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.331 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

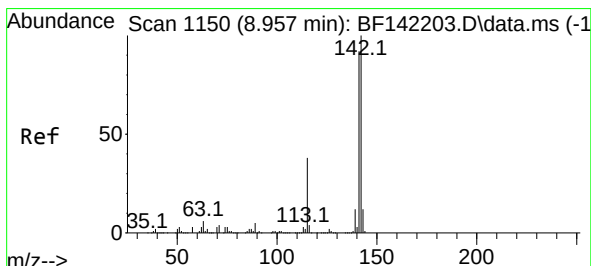
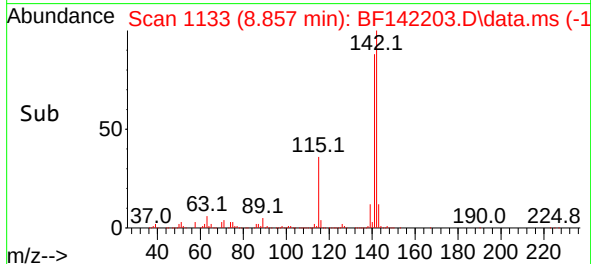
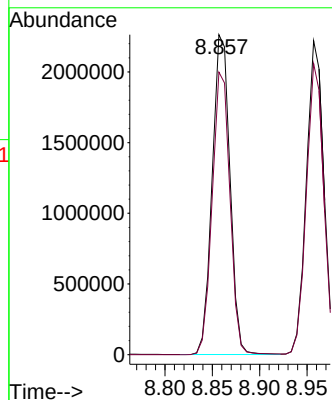
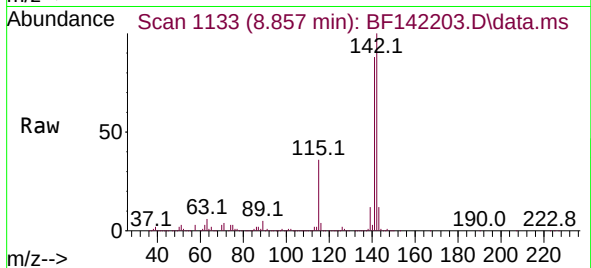
ClientSampleId :

Tgt Ion:142 Resp: 2946088

Ion Ratio Lower Upper

142 100

141 88.3 71.9 107.9



#38

1-Methylnaphthalene

Concen: 38.769 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF142203.D

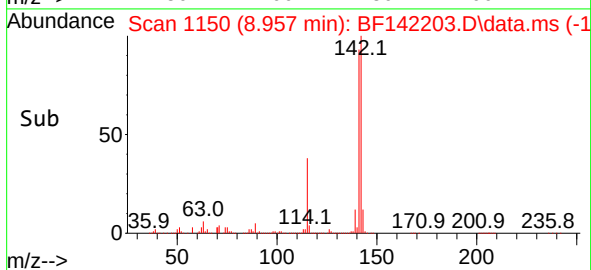
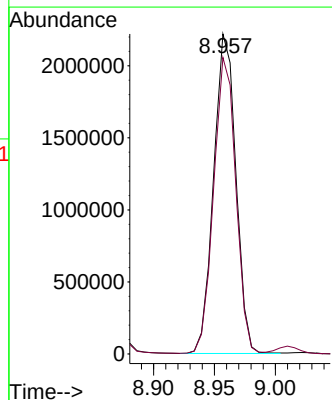
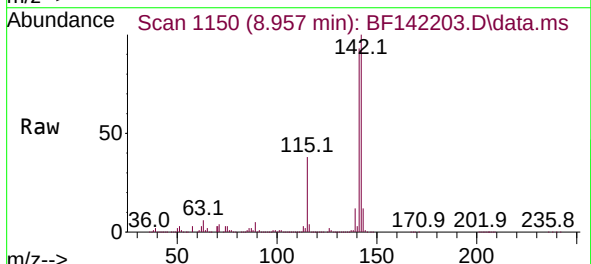
Acq: 21 Apr 2025 13:06

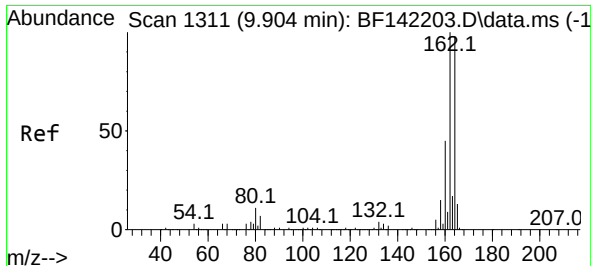
Tgt Ion:142 Resp: 2811742

Ion Ratio Lower Upper

142 100

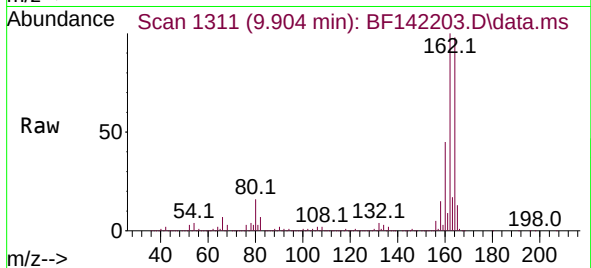
141 92.7 73.3 109.9



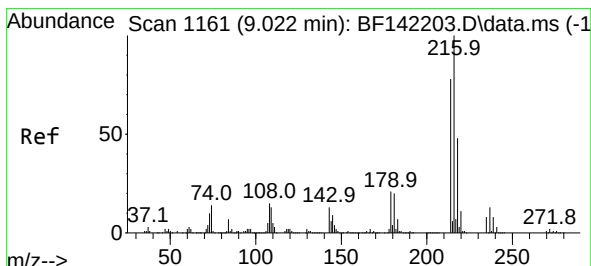
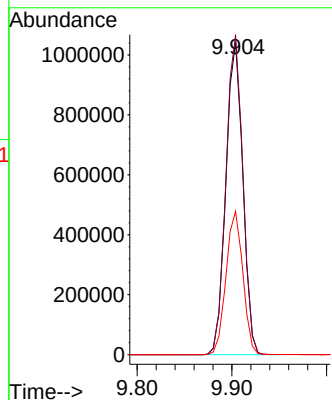
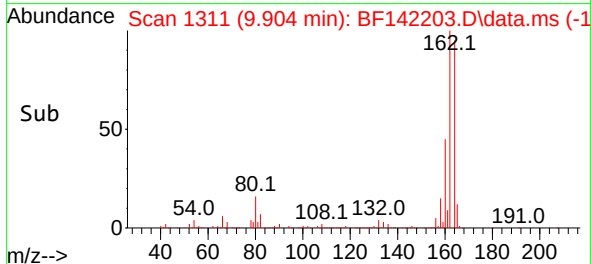


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

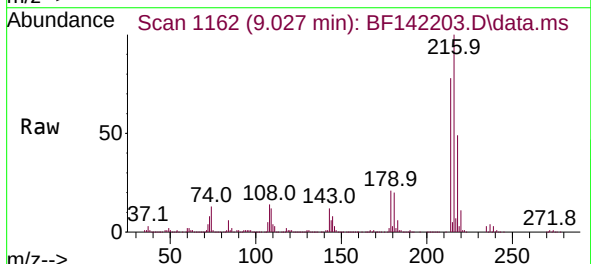
Instrument :
BNA_F
ClientSampleId :



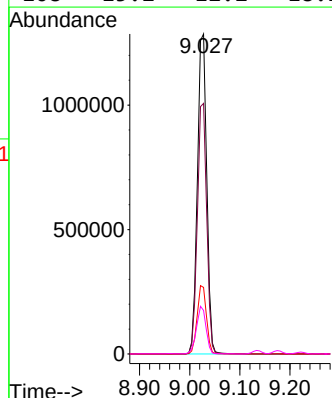
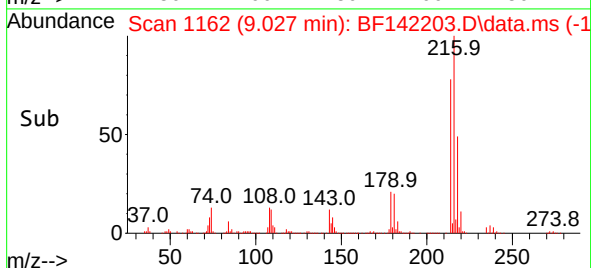
Tgt Ion:164 Resp: 1295615
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 45.9 36.8 55.2

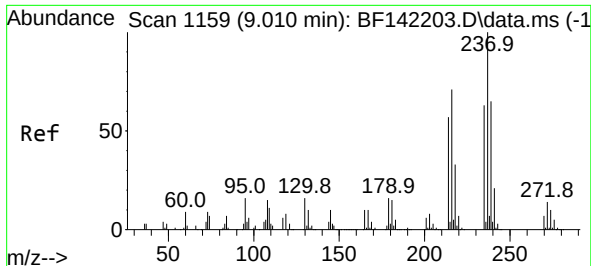


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.142 ng
RT: 9.027 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06



Tgt Ion:216 Resp: 1659315
Ion Ratio Lower Upper
216 100
214 78.5 62.7 94.1
179 21.2 16.7 25.1
108 15.2 12.2 18.2

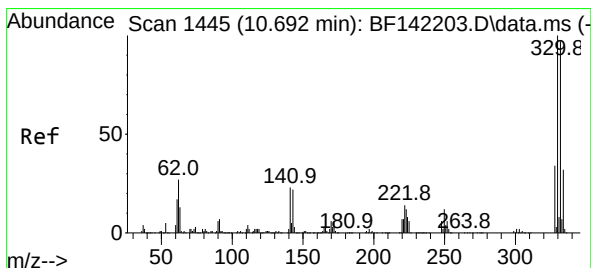
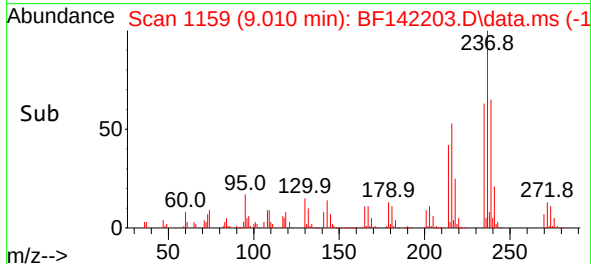
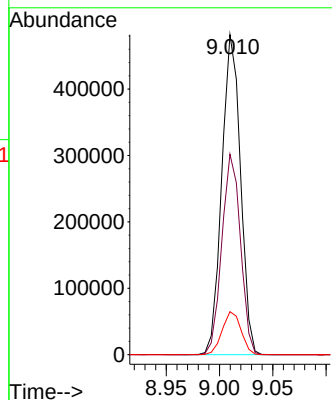
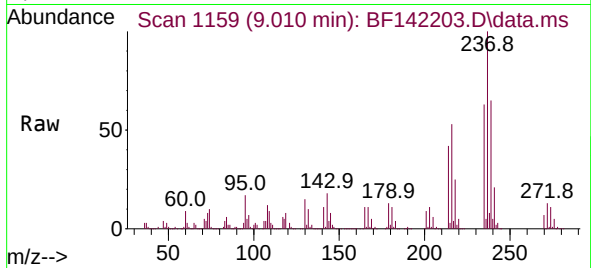




#41
Hexachlorocyclopentadiene
Concen: 45.058 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

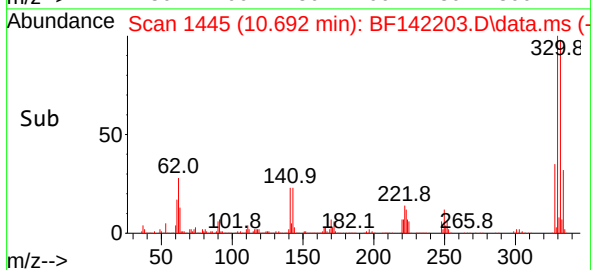
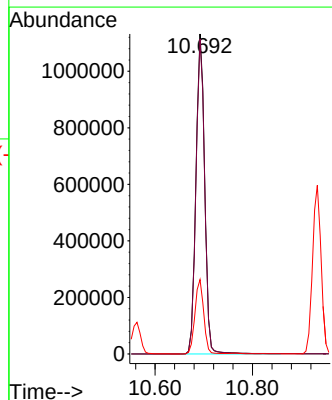
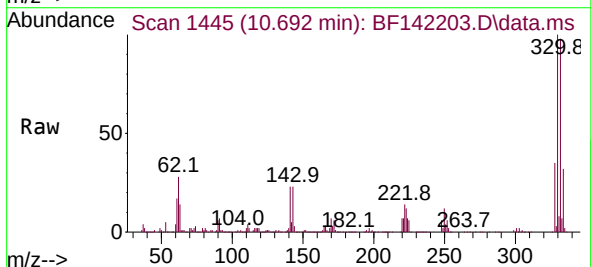
Instrument :
BNA_F
ClientSampleId :

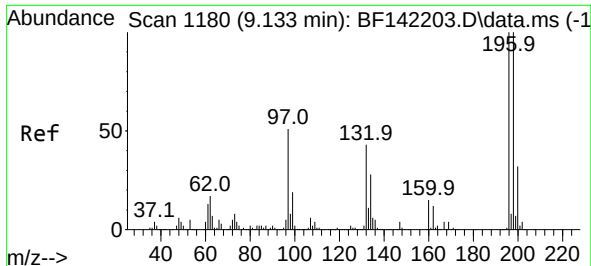
Tgt Ion:237 Resp: 585721
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 13.4 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 80.303 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:330 Resp: 1422526
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 23.2 18.9 28.3

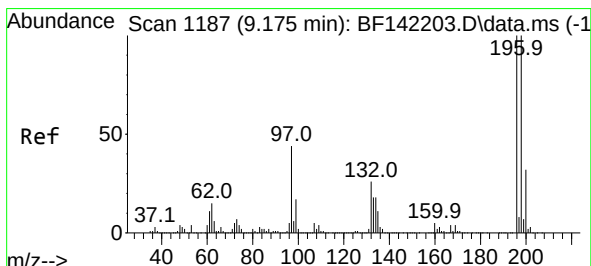
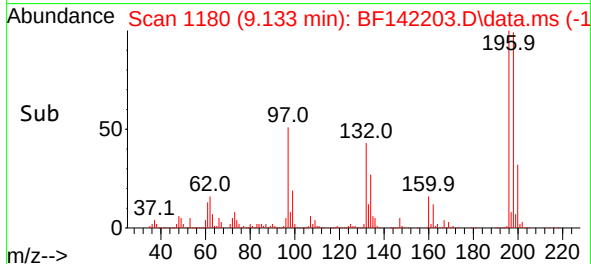
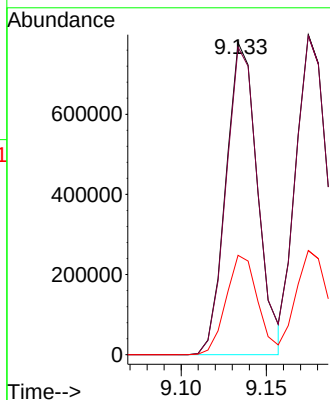
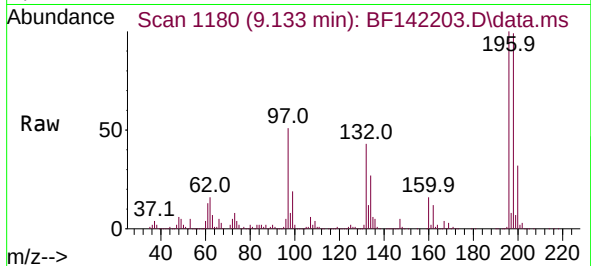




#43
2,4,6-Trichlorophenol
Concen: 40.689 ng
RT: 9.133 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

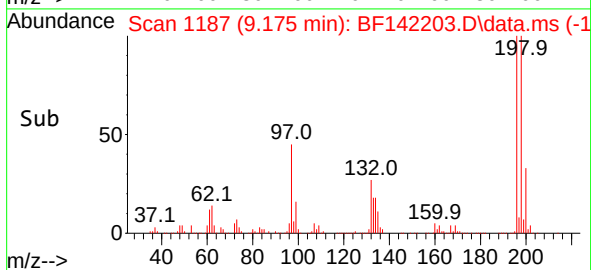
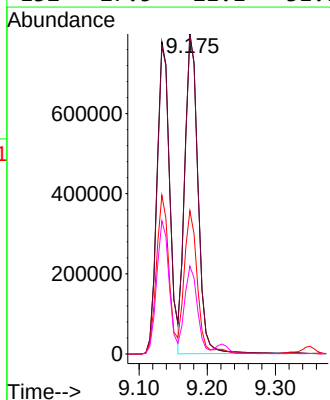
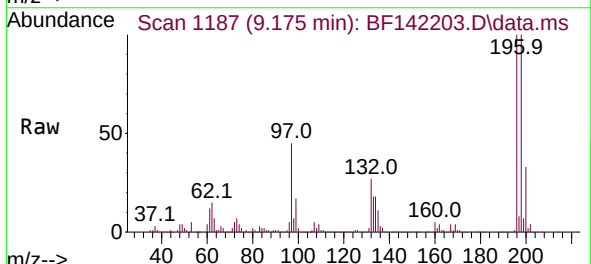
Instrument :
BNA_F
ClientSampleId :

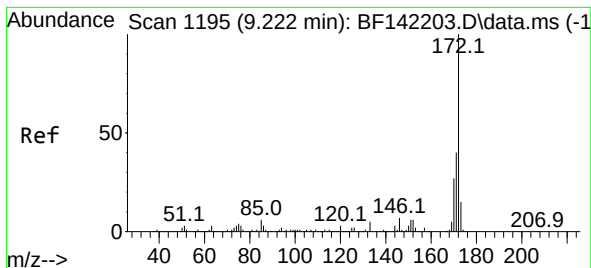
Tgt Ion:196 Resp: 1007035
Ion Ratio Lower Upper
196 100
198 98.5 80.0 120.0
200 31.8 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 40.068 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:196 Resp: 1062965
Ion Ratio Lower Upper
196 100
198 99.7 80.0 120.0
97 44.8 35.9 53.9
132 27.5 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 71.777 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

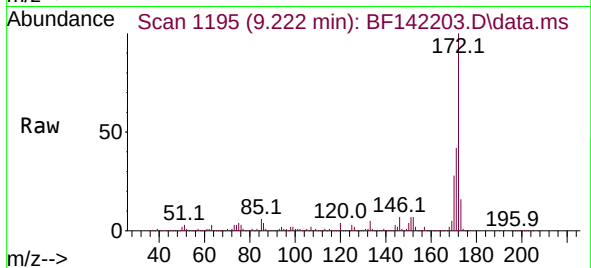
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :



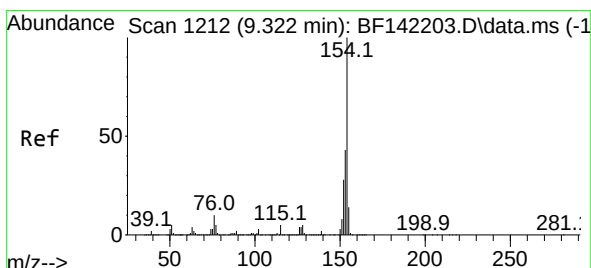
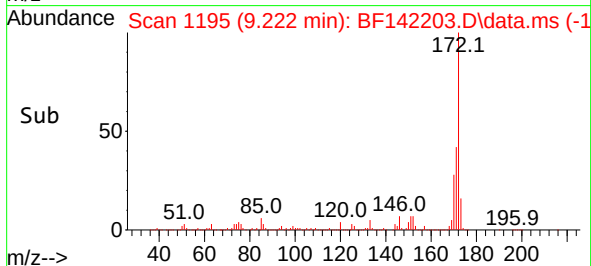
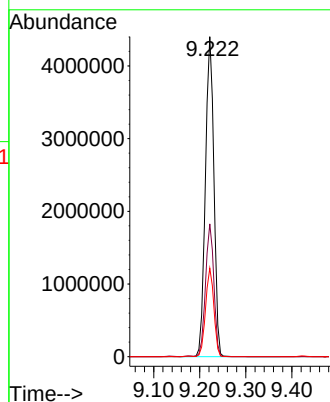
Tgt Ion:172 Resp: 5705463

Ion Ratio Lower Upper

172 100

171 41.5 32.1 48.1

170 27.7 21.4 32.0



#46

1,1'-Biphenyl

Concen: 38.930 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

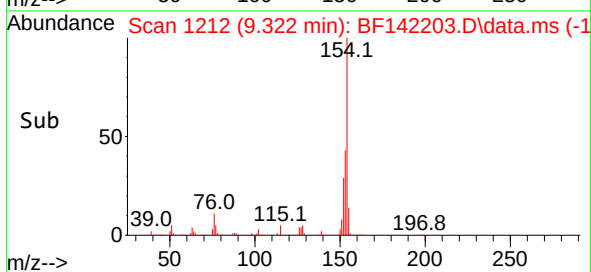
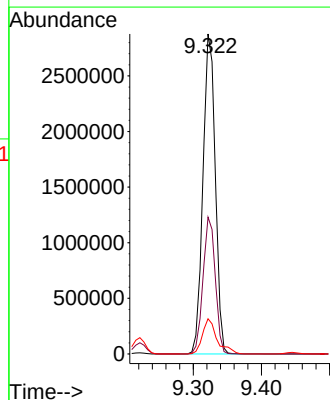
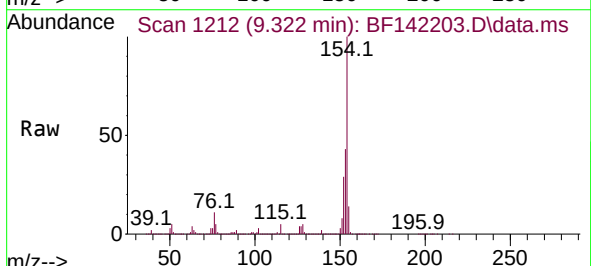
Tgt Ion:154 Resp: 3616786

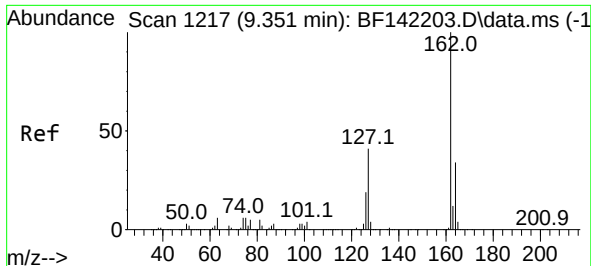
Ion Ratio Lower Upper

154 100

153 42.7 22.5 62.5

76 11.0 0.0 30.4

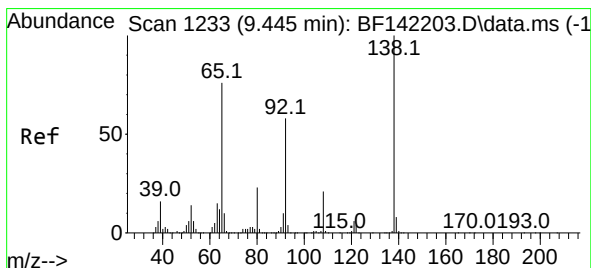
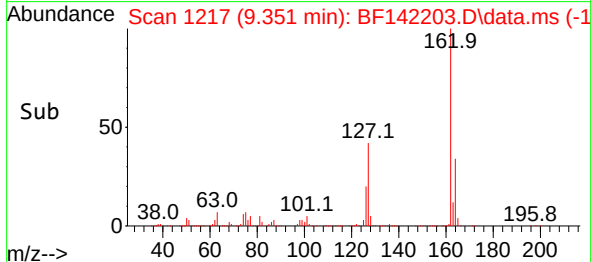
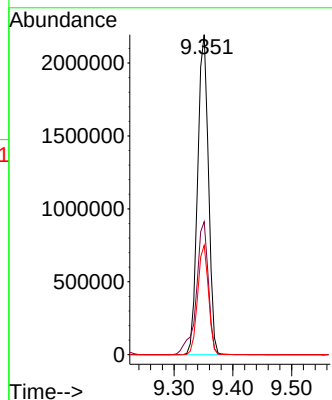
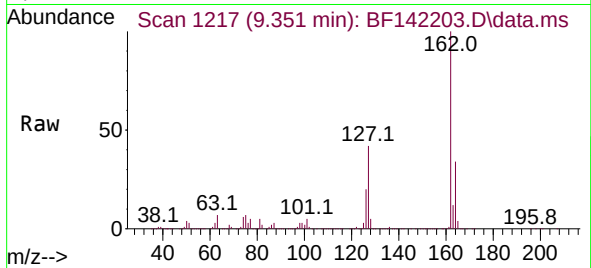




#47
2-Chloronaphthalene
Concen: 38.862 ng
RT: 9.351 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

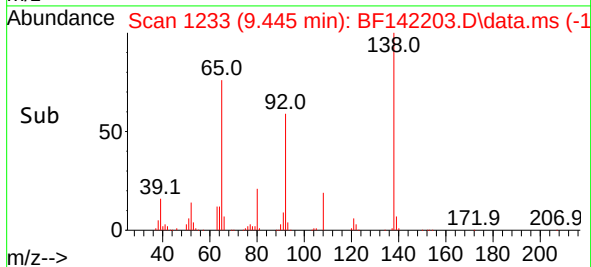
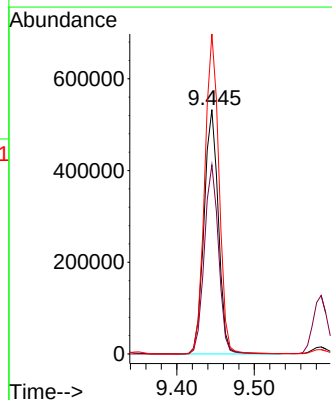
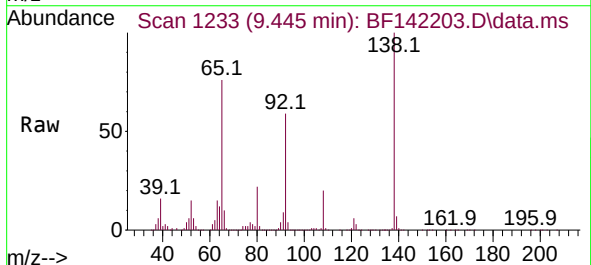
Instrument :
BNA_F
ClientSampleId :

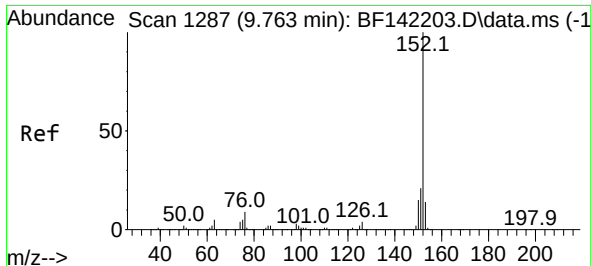
Tgt Ion:162 Resp: 2802498
Ion Ratio Lower Upper
162 100
127 41.6 33.1 49.7
164 34.2 27.1 40.7



#48
2-Nitroaniline
Concen: 40.471 ng
RT: 9.445 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion: 65 Resp: 684114
Ion Ratio Lower Upper
65 100
92 77.4 61.4 92.0
138 131.0 105.8 158.6





#49

Acenaphthylene

Concen: 38.904 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

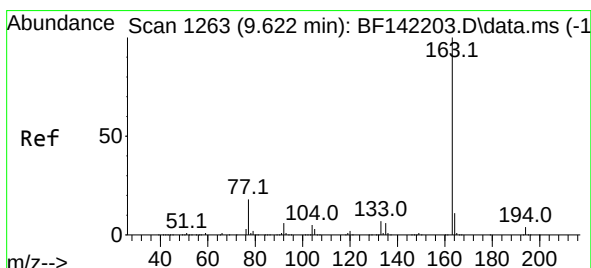
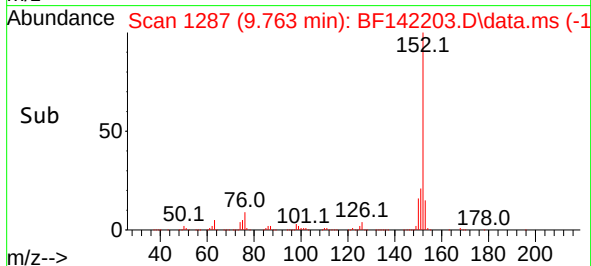
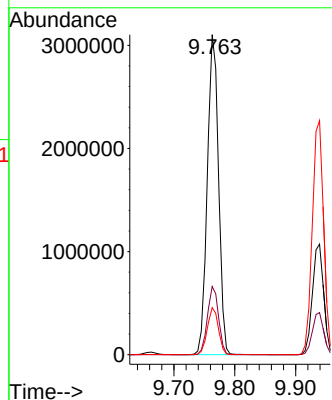
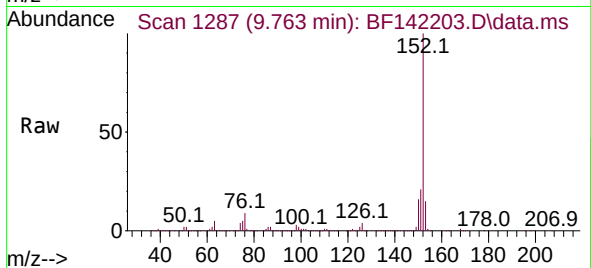
Tgt Ion:152 Resp: 3965503

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

153 14.7 11.6 17.4



#50

Dimethylphthalate

Concen: 39.001 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

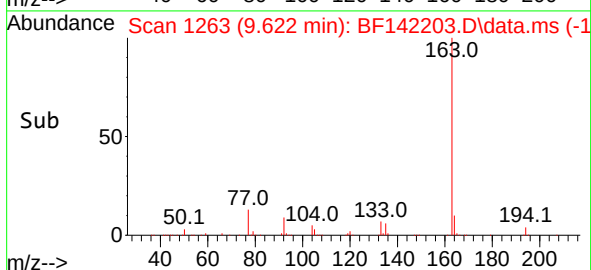
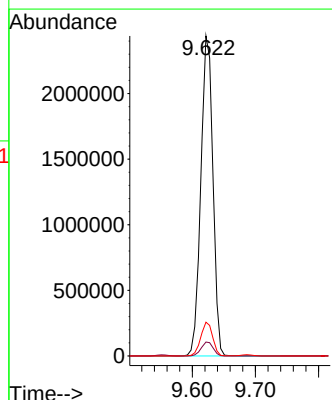
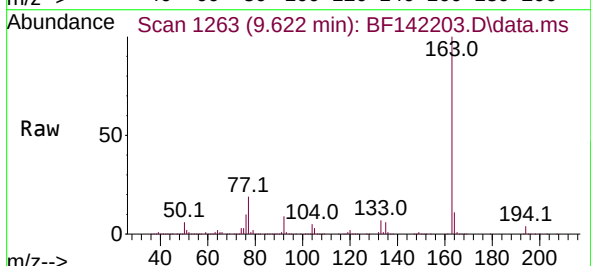
Tgt Ion:163 Resp: 3239810

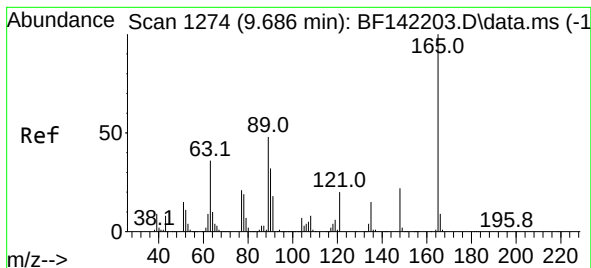
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.5 8.6 12.8

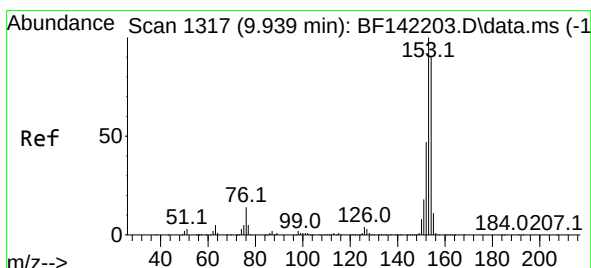
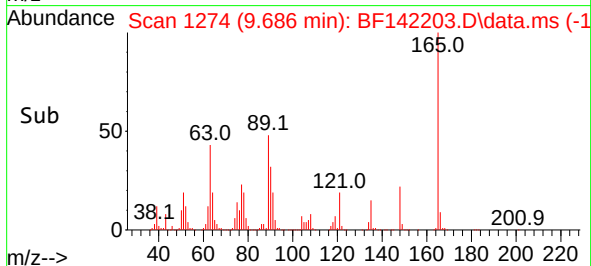
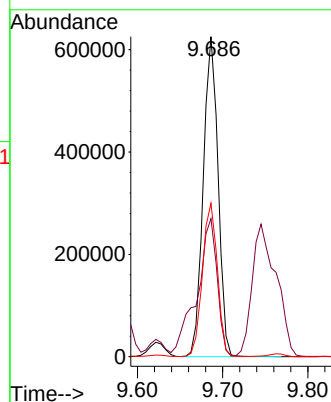
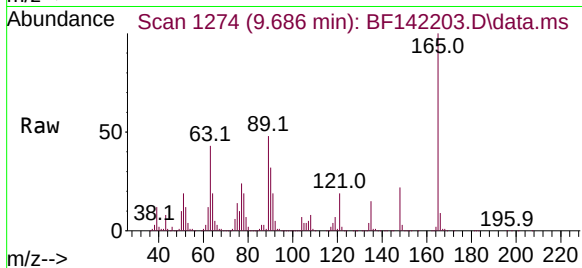




#51
2,6-Dinitrotoluene
Concen: 40.469 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

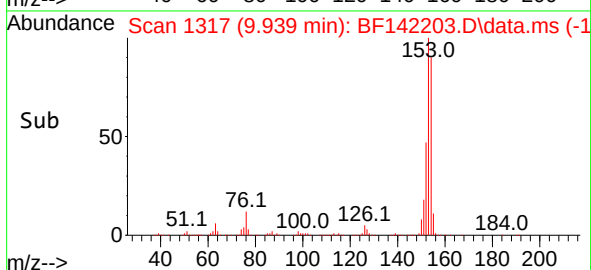
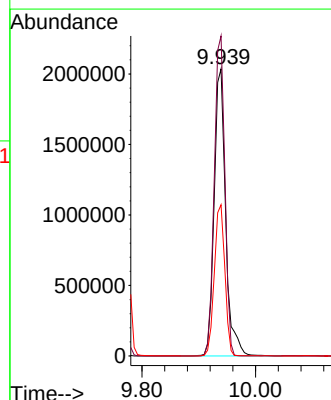
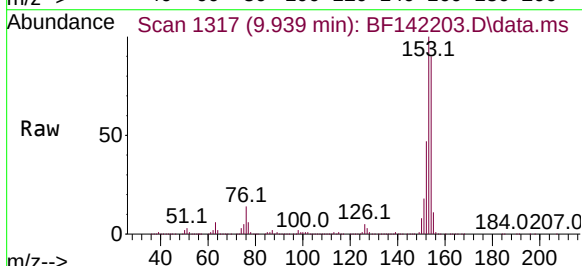
Instrument :
BNA_F
ClientSampleId :

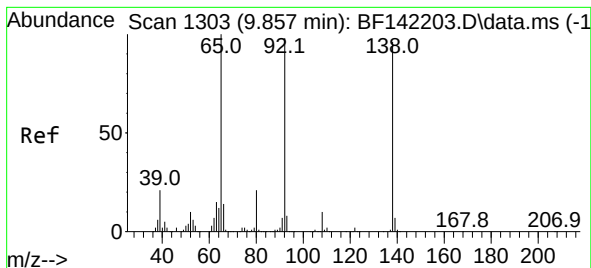
Tgt Ion:165 Resp: 754757
Ion Ratio Lower Upper
165 100
63 43.1 35.4 53.2
89 48.0 38.6 58.0



#52
Acenaphthene
Concen: 38.786 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:154 Resp: 2848926
Ion Ratio Lower Upper
154 100
153 111.5 89.0 133.4
152 52.7 41.8 62.8





#53

3-Nitroaniline

Concen: 41.200 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

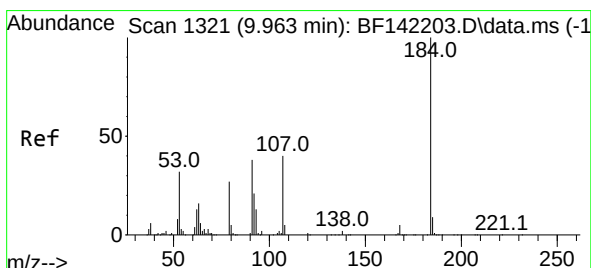
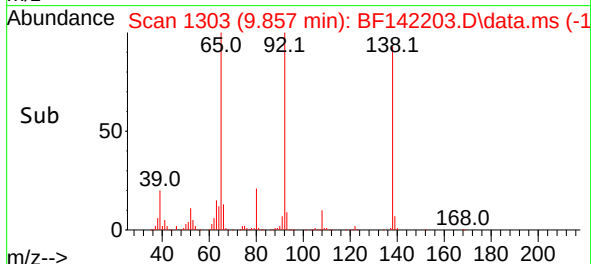
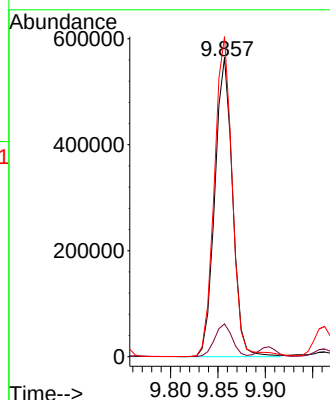
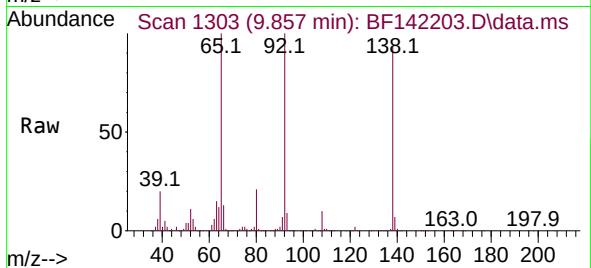
Tgt Ion:138 Resp: 736247

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

92 107.0 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 40.510 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

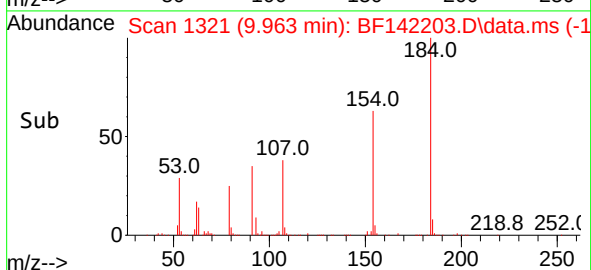
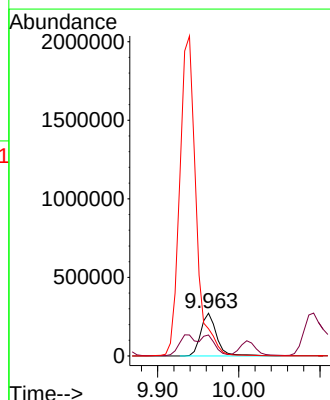
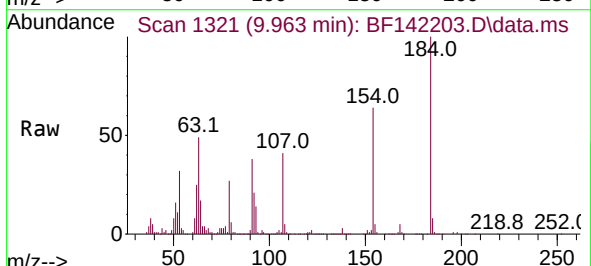
Tgt Ion:184 Resp: 370041

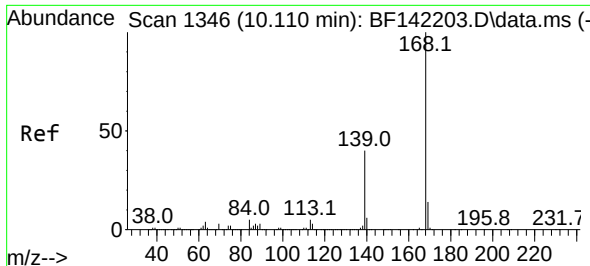
Ion Ratio Lower Upper

184 100

63 49.0 39.0 58.4

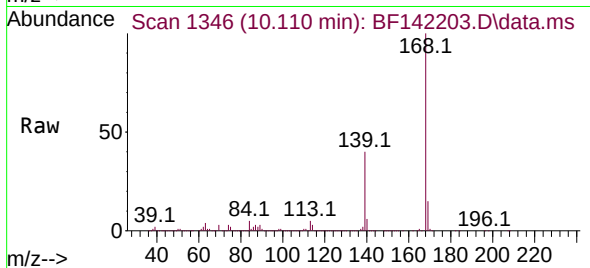
154 63.6 52.2 78.4



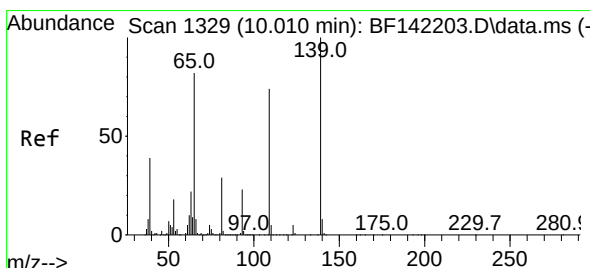
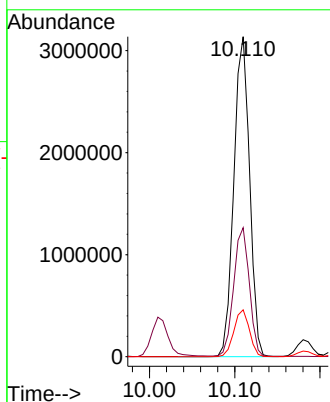
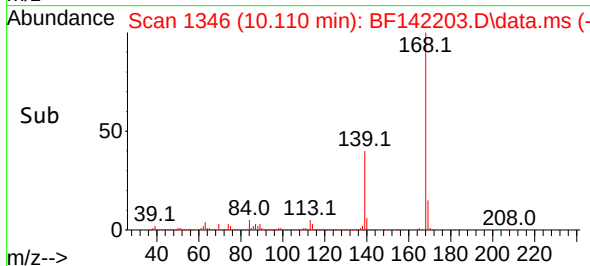


#55
Dibenzofuran
Concen: 39.022 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

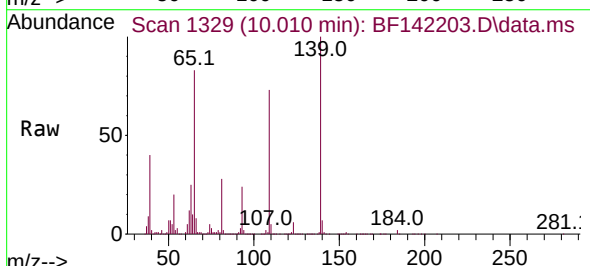
Instrument :
BNA_F
ClientSampleId :



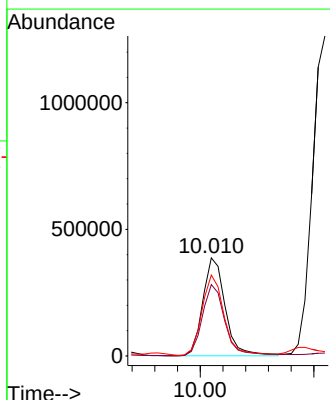
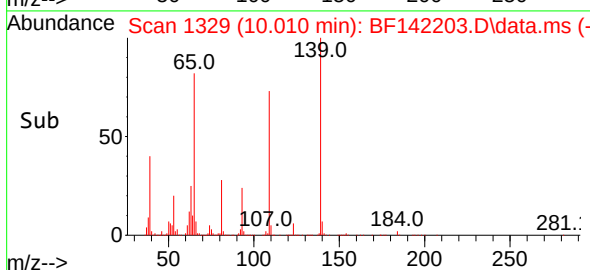
Tgt Ion:168 Resp: 4018334
Ion Ratio Lower Upper
168 100
139 40.3 32.3 48.5
169 14.7 11.4 17.0

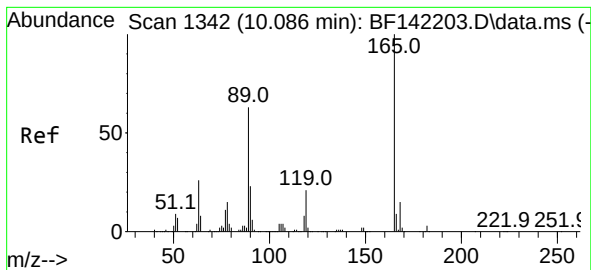


#56
4-Nitrophenol
Concen: 40.619 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06



Tgt Ion:139 Resp: 530978
Ion Ratio Lower Upper
139 100
109 72.9 54.1 94.1
65 82.6 62.1 102.1

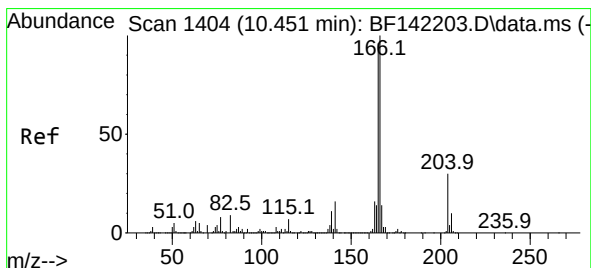
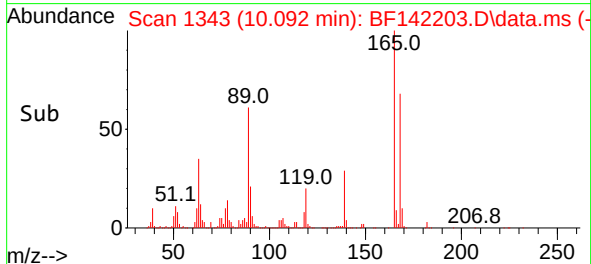
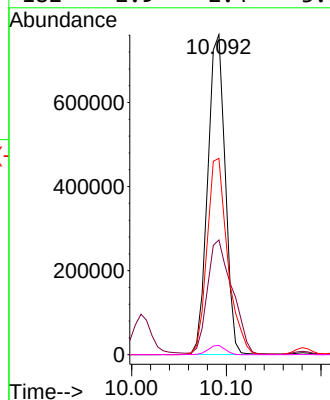
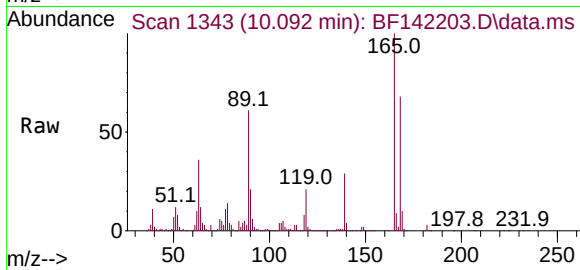




#57
2,4-Dinitrotoluene
Concen: 40.492 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

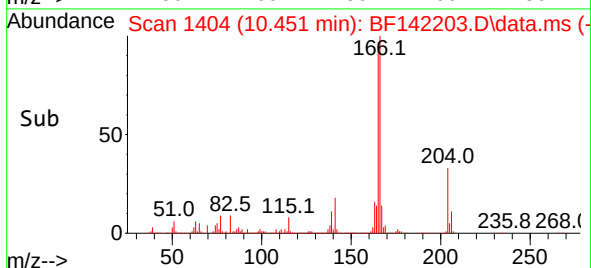
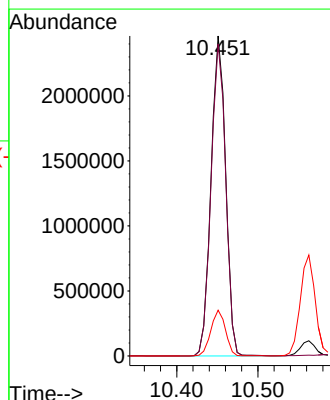
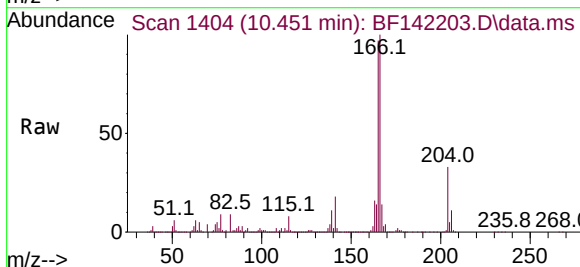
Instrument :
BNA_F
ClientSampleId :

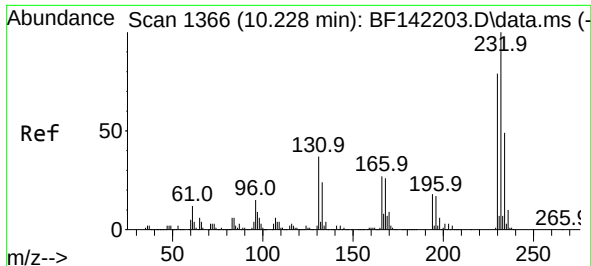
Tgt Ion:165 Resp: 975394
Ion Ratio Lower Upper
165 100
63 35.8 29.0 43.6
89 61.4 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 38.617 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:166 Resp: 3076168
Ion Ratio Lower Upper
166 100
165 97.5 77.1 115.7
167 14.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.171 ng

RT: 10.227 min Scan# 1366

Delta R.T. -0.000 min

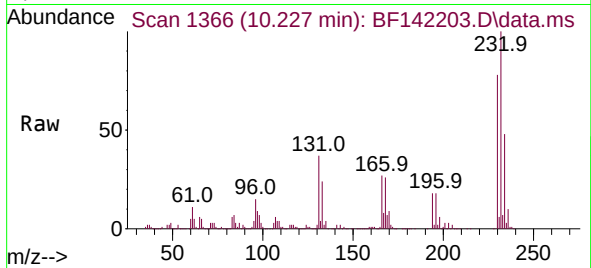
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 952752

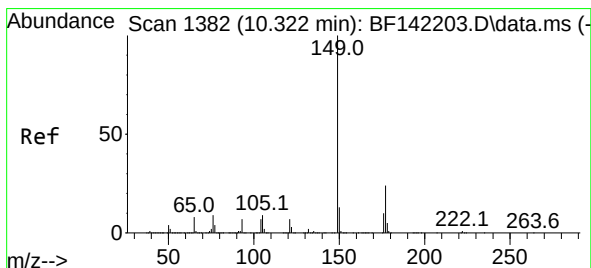
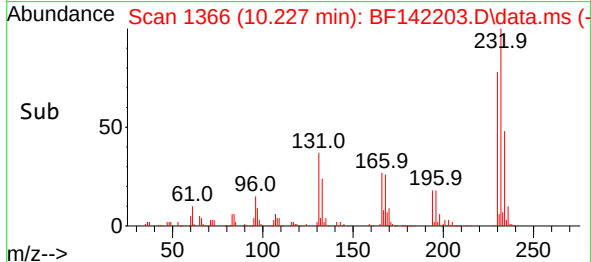
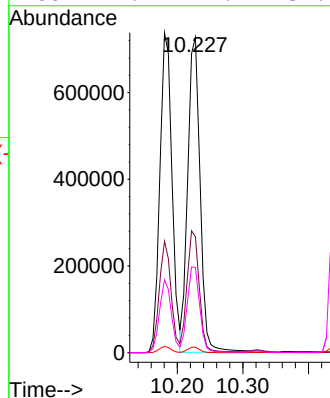
Ion Ratio Lower Upper

232 100

131 38.4 31.9 47.9

130 1.8 1.6 2.4

166 27.1 21.9 32.9



#60

Diethylphthalate

Concen: 39.668 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

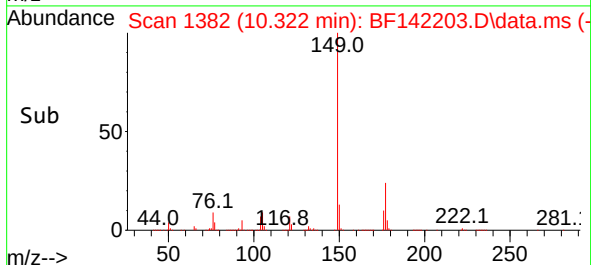
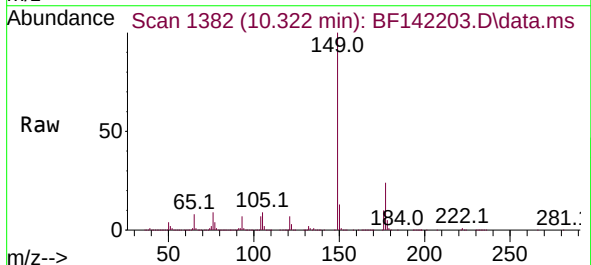
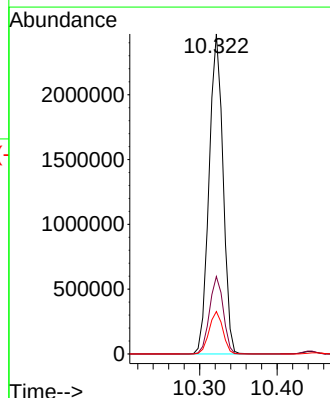
Tgt Ion:149 Resp: 3077037

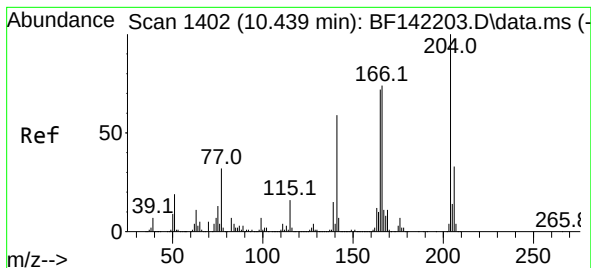
Ion Ratio Lower Upper

149 100

177 24.2 19.6 29.4

150 13.3 10.6 15.8

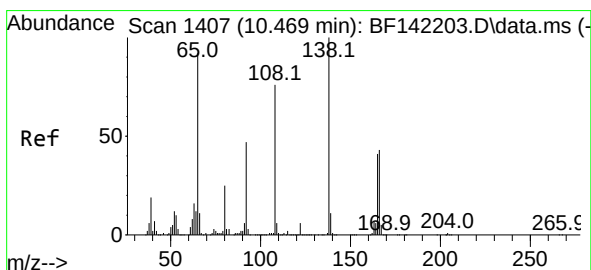
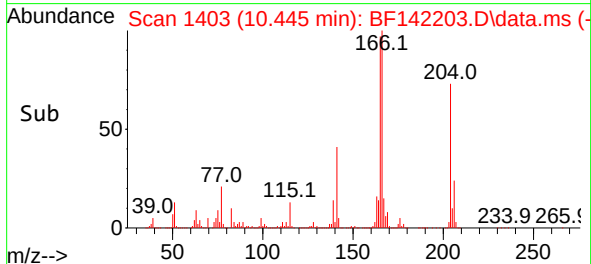
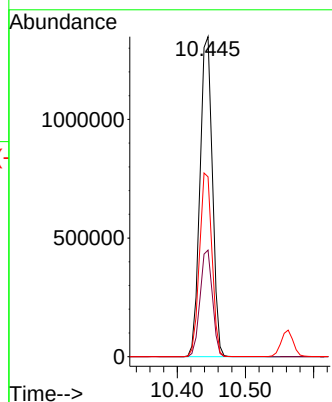
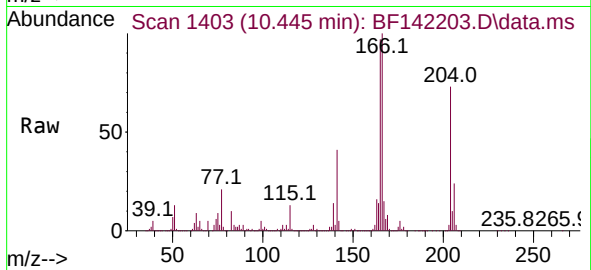




#61
4-Chlorophenyl-phenylether
Concen: 39.076 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

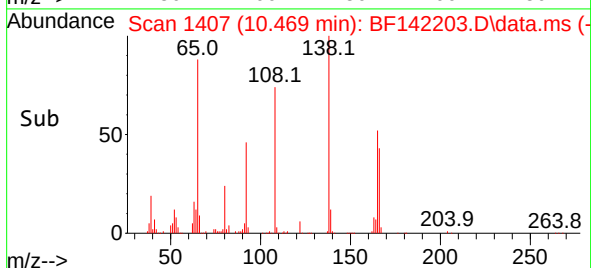
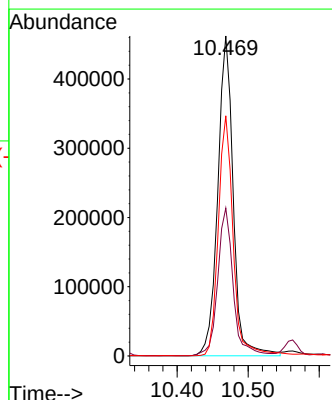
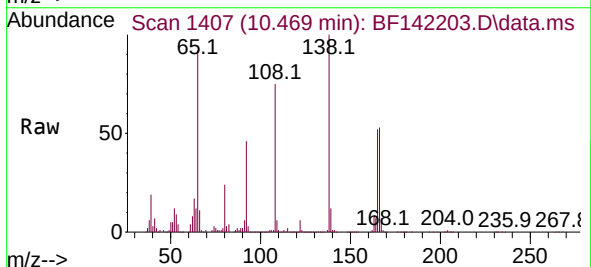
Instrument :
BNA_F
ClientSampleId :

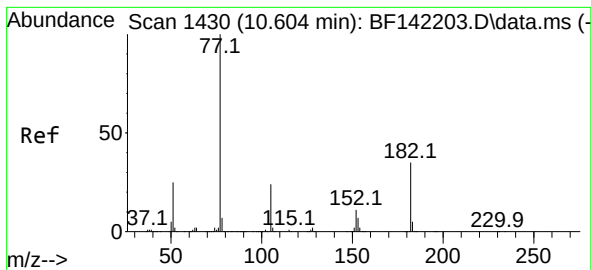
Tgt Ion:204 Resp: 1713906
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 56.2 47.0 70.6



#62
4-Nitroaniline
Concen: 40.998 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:138 Resp: 696382
Ion Ratio Lower Upper
138 100
92 46.2 26.7 66.7
108 75.1 56.5 96.5





#63

Azobenzene

Concen: 39.045 ng

RT: 10.604 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 2637253

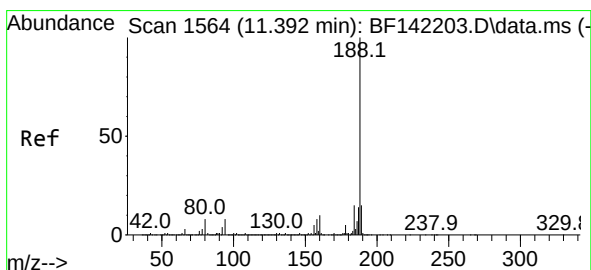
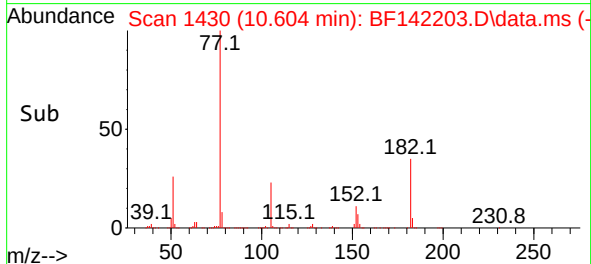
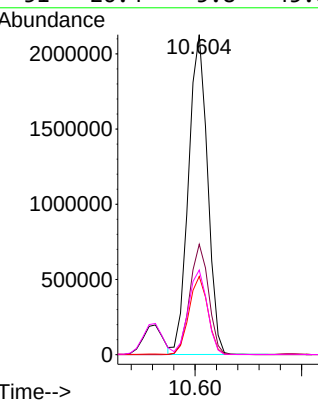
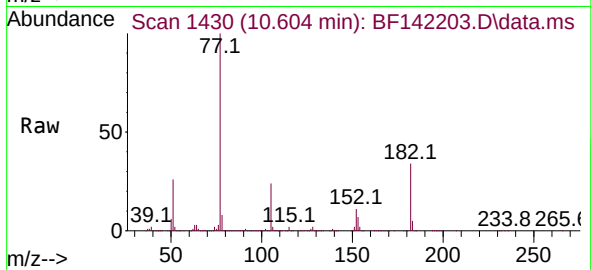
Ion Ratio Lower Upper

77 100

182 34.5 14.8 54.8

105 24.5 4.0 44.0

51 26.4 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: BF142203.D

Acq: 21 Apr 2025 13:06

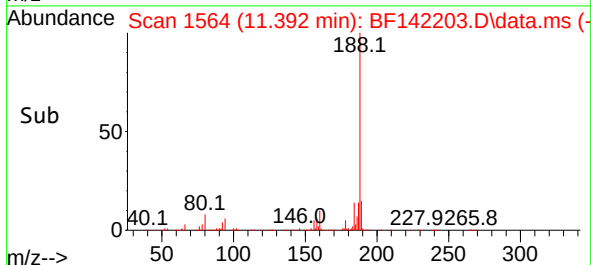
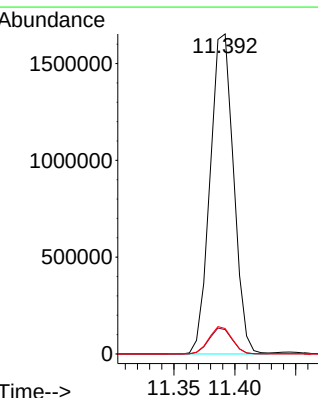
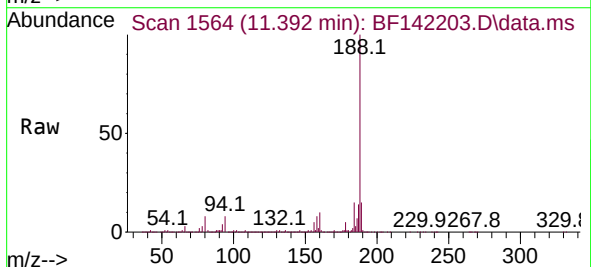
Tgt Ion:188 Resp: 2221523

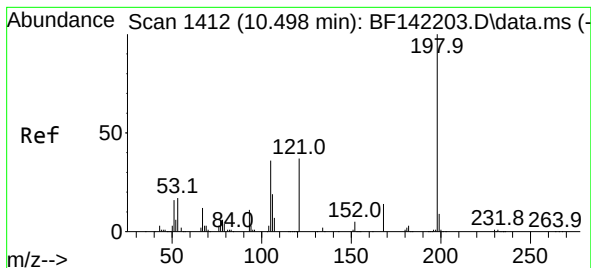
Ion Ratio Lower Upper

188 100

94 7.6 6.3 9.5

80 8.0 6.7 10.1

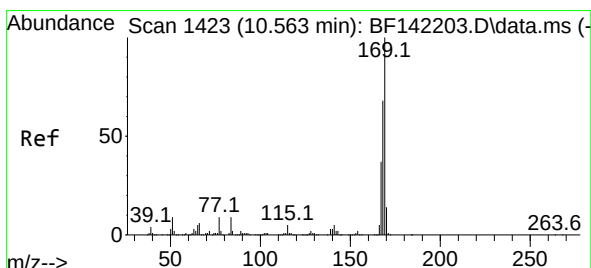
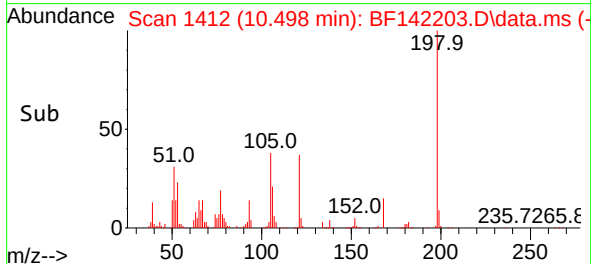
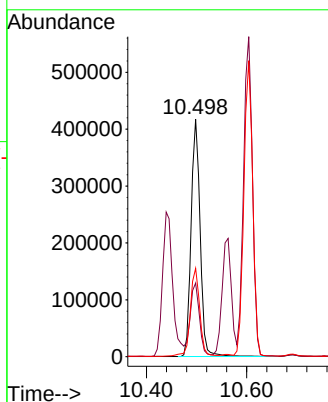
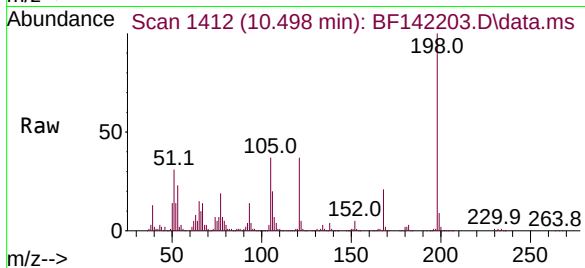




#65
4,6-Dinitro-2-methylphenol
Concen: 40.225 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

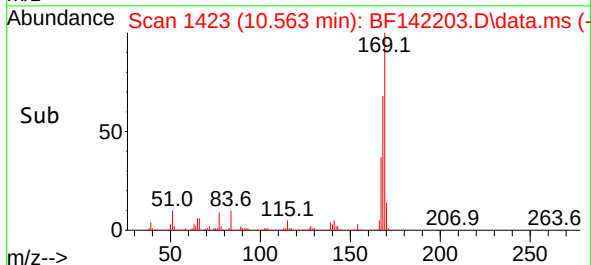
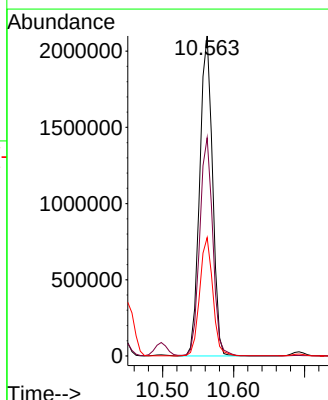
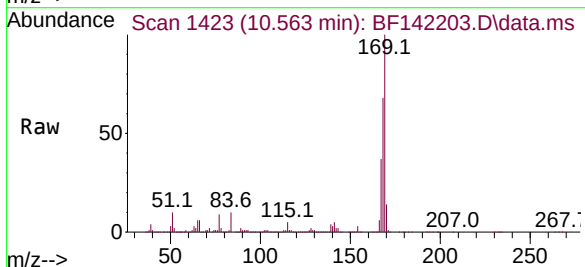
Instrument :
BNA_F
ClientSampleId :

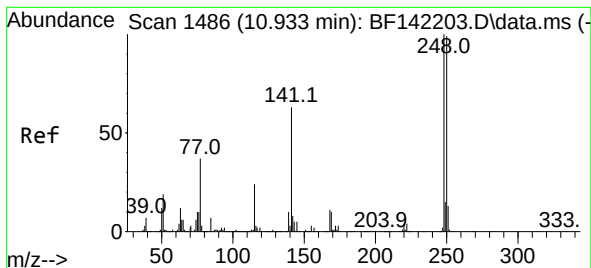
Tgt Ion:198 Resp: 521613
Ion Ratio Lower Upper
198 100
51 31.0 10.2 50.2
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:169 Resp: 2640166
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.2
167 37.0 29.4 44.2

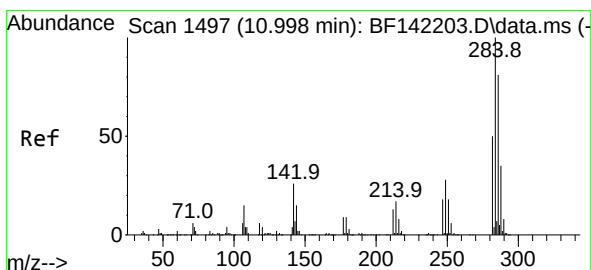
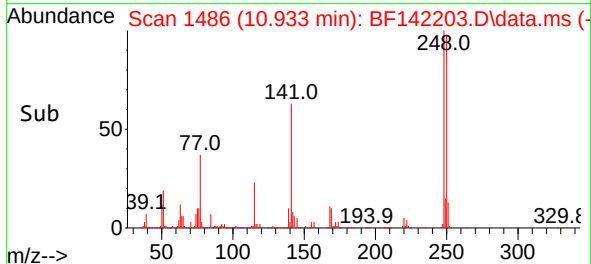
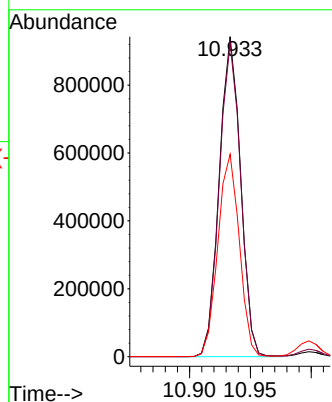
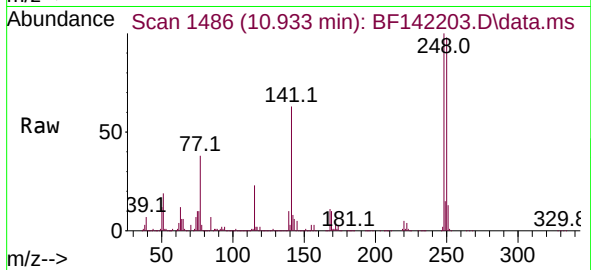




#67
4-Bromophenyl-phenylether
Concen: 39.449 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

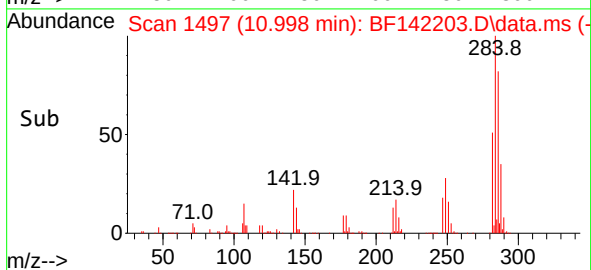
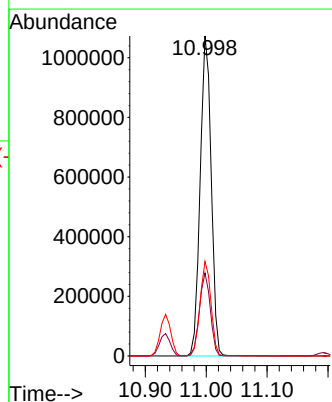
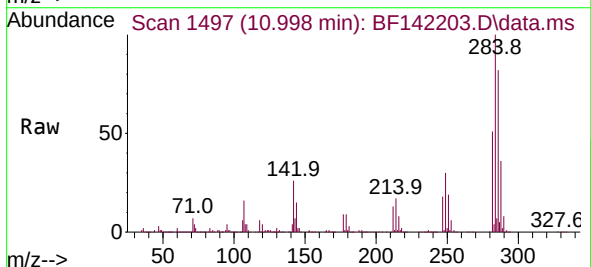
Instrument :
BNA_F
ClientSampleId :

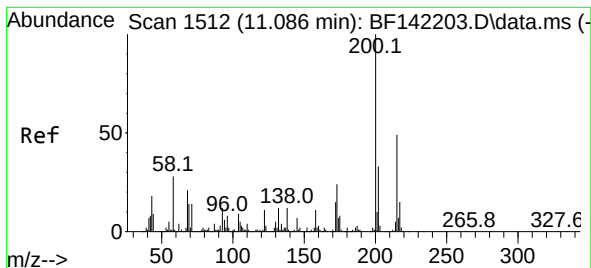
Tgt Ion:248 Resp: 1152524
Ion Ratio Lower Upper
248 100
250 98.0 78.8 118.2
141 63.3 50.6 75.8



#68
Hexachlorobenzene
Concen: 38.818 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:284 Resp: 1349597
Ion Ratio Lower Upper
284 100
142 26.0 20.7 31.1
249 29.5 22.8 34.2





#69

Atrazine

Concen: 26.979 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

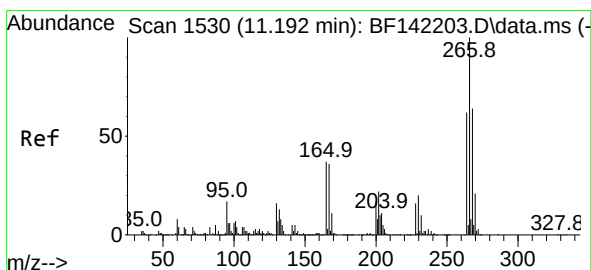
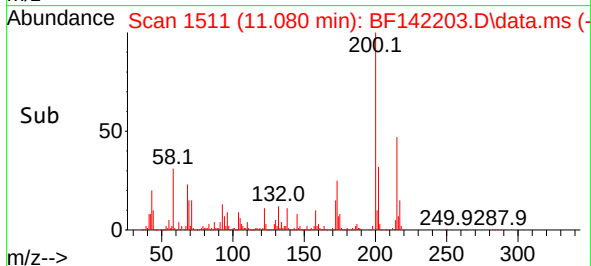
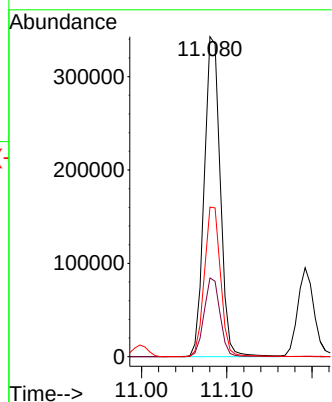
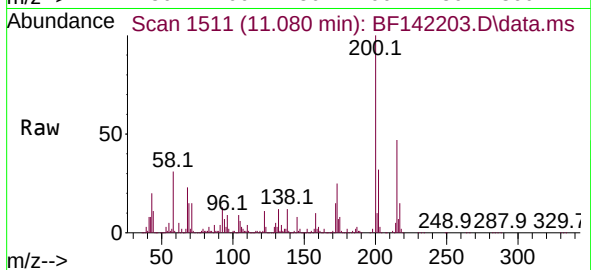
Tgt Ion:200 Resp: 448269

Ion Ratio Lower Upper

200 100

173 24.6 4.4 44.4

215 46.8 28.6 68.6



#70

Pentachlorophenol

Concen: 42.413 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

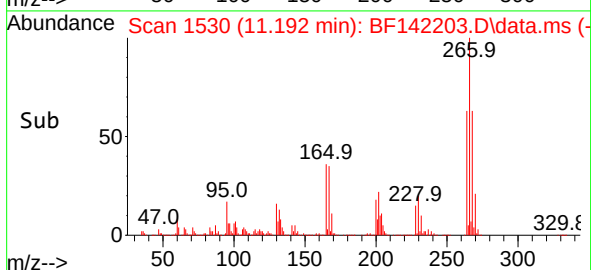
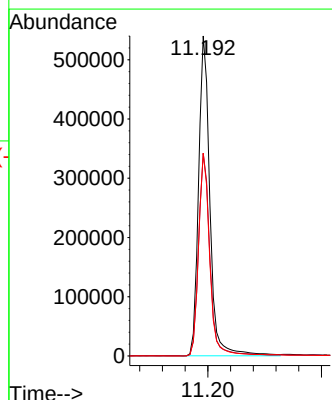
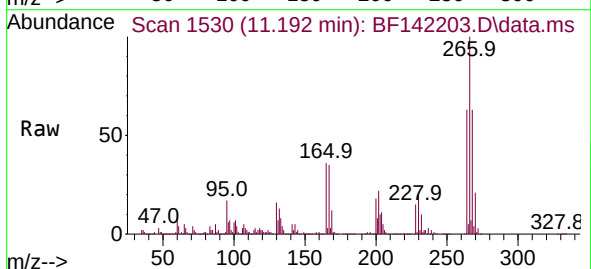
Tgt Ion:266 Resp: 752259

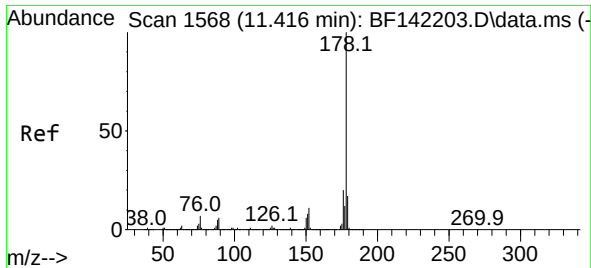
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 63.4 49.4 74.2

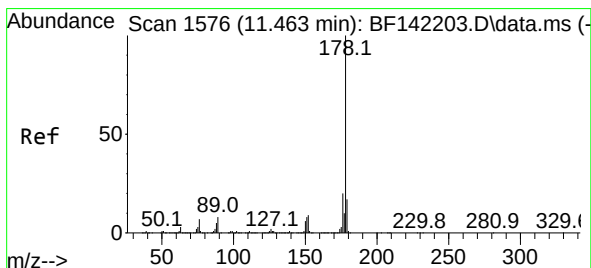
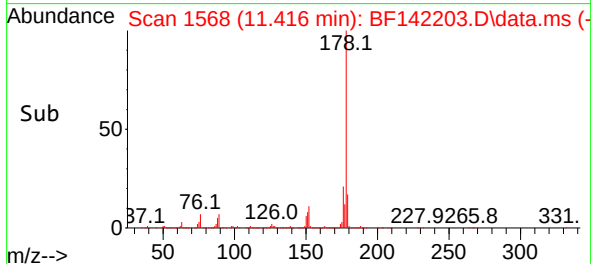
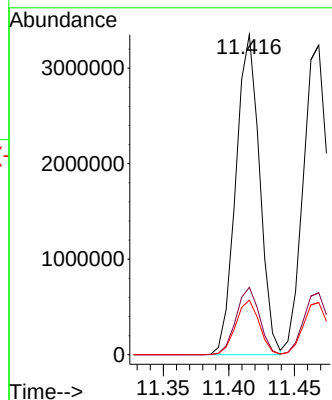
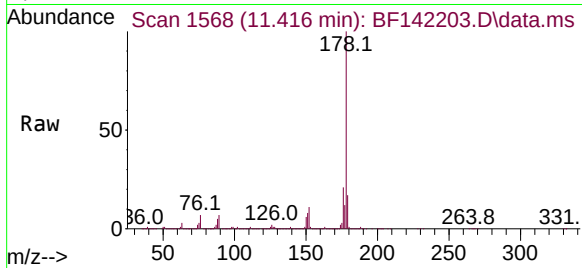




#71
Phenanthrene
Concen: 38.345 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

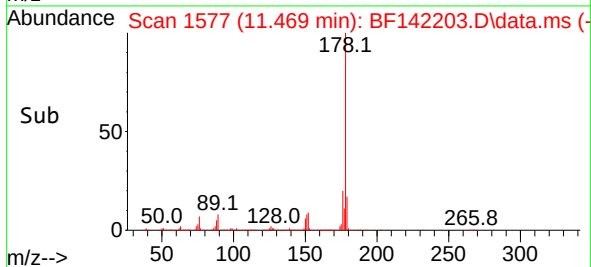
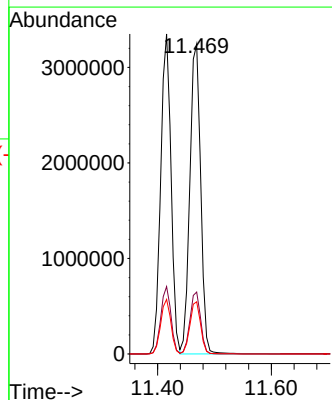
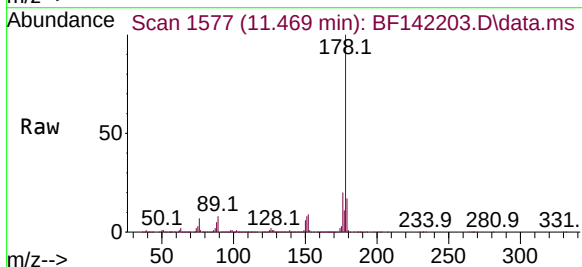
Instrument :
BNA_F
ClientSampleId :

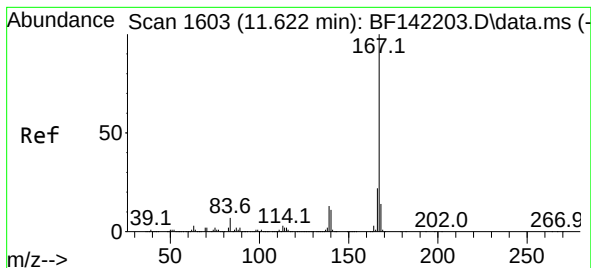
Tgt Ion:178 Resp: 4230167
Ion Ratio Lower Upper
178 100
176 21.0 16.3 24.5
179 17.0 13.3 19.9



#72
Anthracene
Concen: 38.932 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:178 Resp: 4294384
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.9 13.4 20.0





#73

Carbazole

Concen: 38.919 ng

RT: 11.621 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

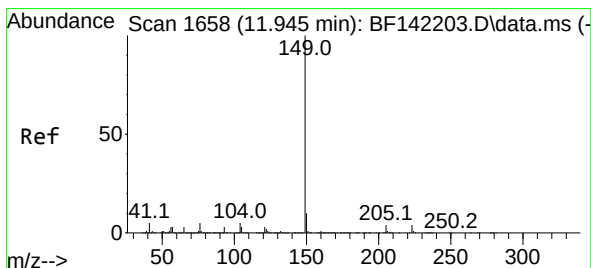
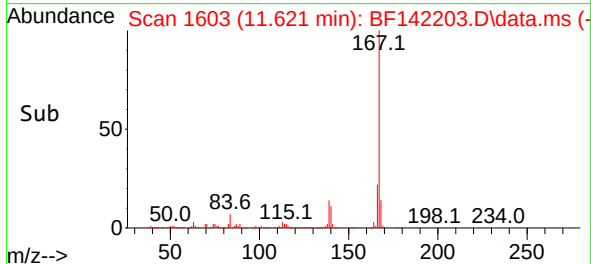
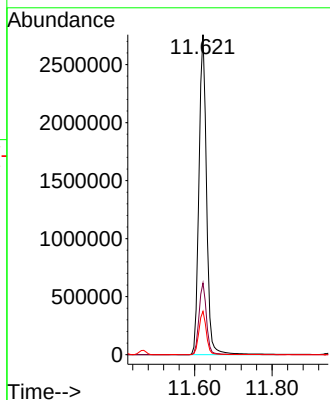
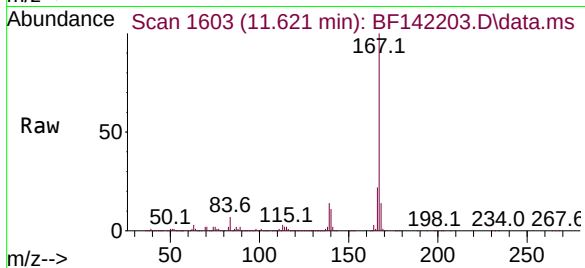
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 3750464

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	13.5	10.7	16.1



#74

Di-n-butylphthalate

Concen: 40.487 ng

RT: 11.951 min Scan# 1659

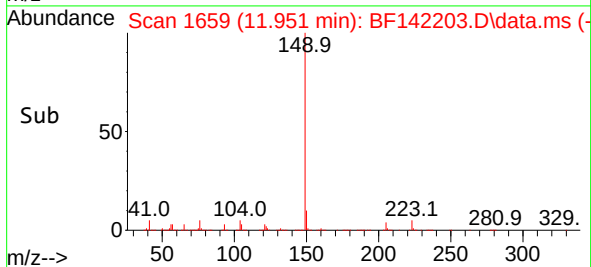
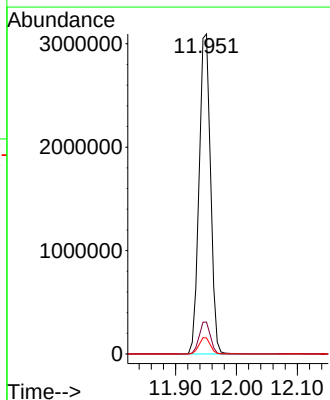
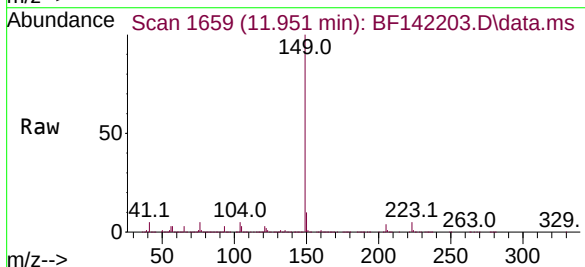
Delta R.T. 0.006 min

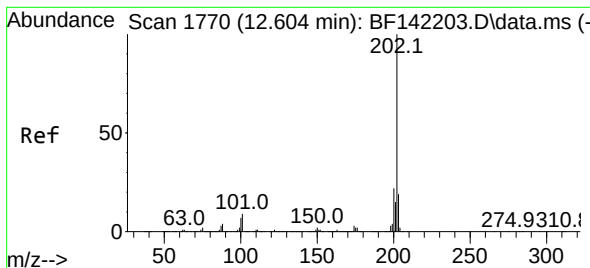
Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Tgt Ion:149 Resp: 4038212

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 38.407 ng

RT: 12.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

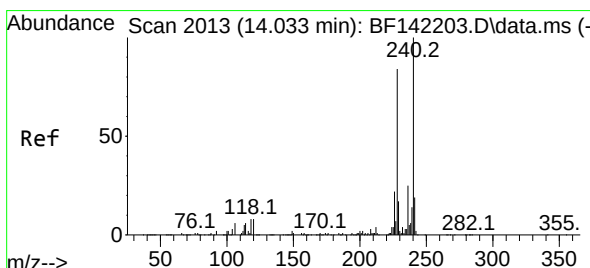
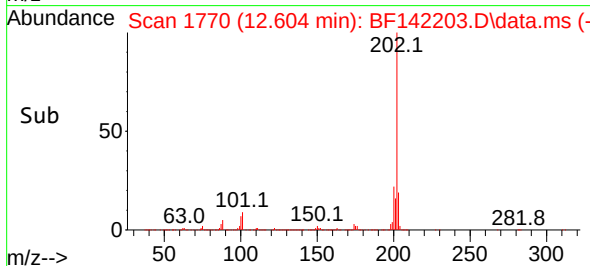
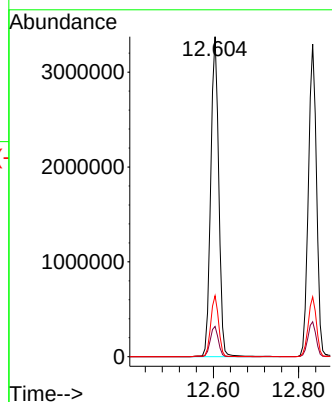
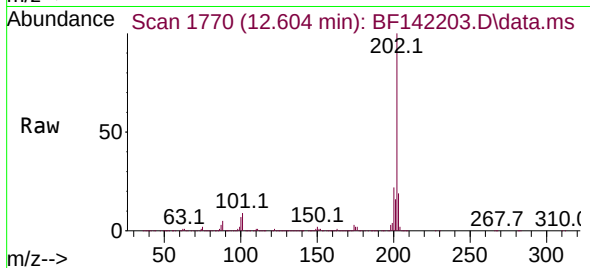
Tgt Ion:202 Resp: 4404230

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.9

203 19.0 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

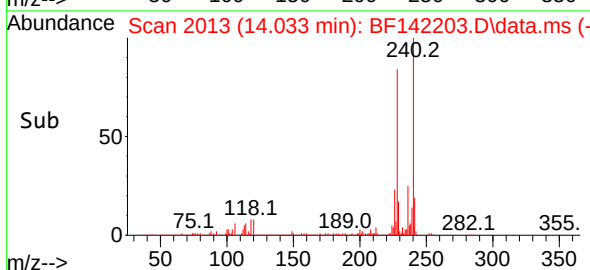
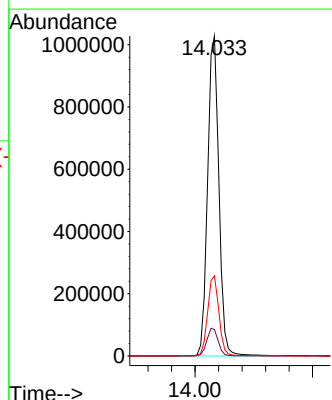
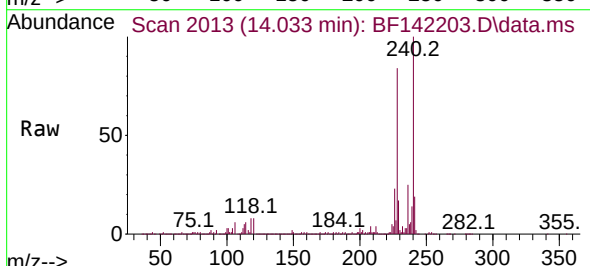
Tgt Ion:240 Resp: 1374564

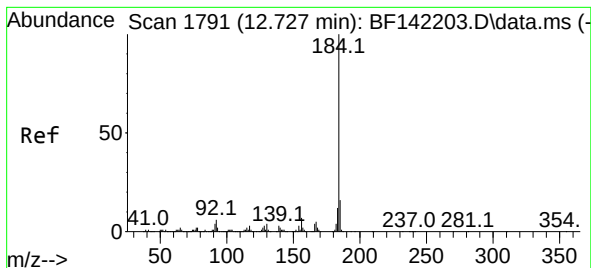
Ion Ratio Lower Upper

240 100

120 8.2 7.1 10.7

236 25.0 20.2 30.2





#77

Benzidine

Concen: 59.729 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

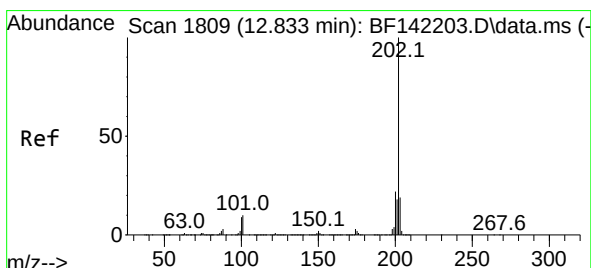
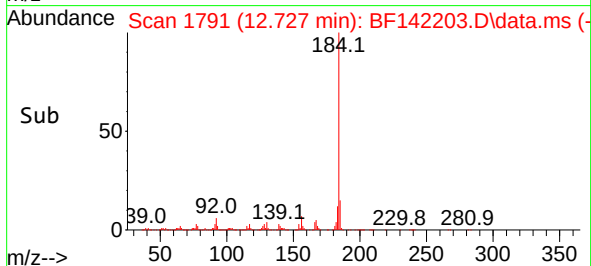
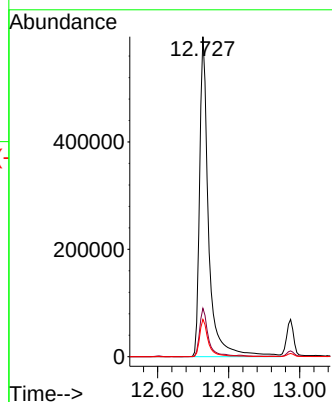
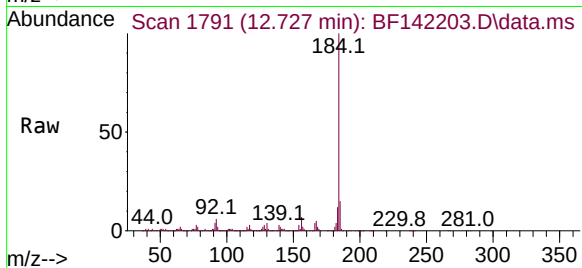
Tgt Ion:184 Resp: 1059498

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

183 11.6 9.6 14.4



#78

Pyrene

Concen: 40.097 ng

RT: 12.833 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

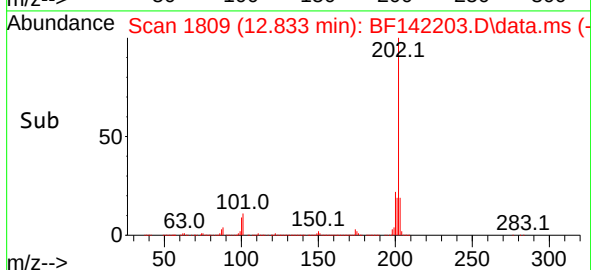
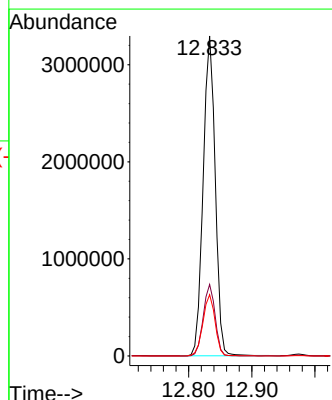
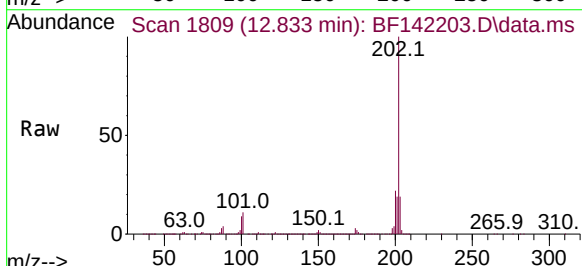
Tgt Ion:202 Resp: 4377433

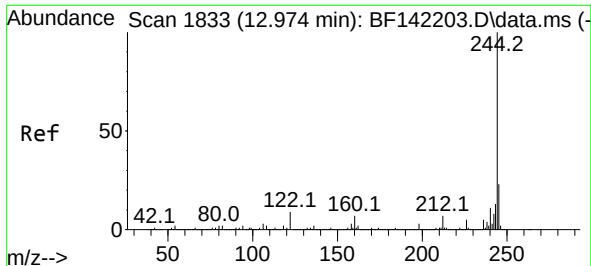
Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

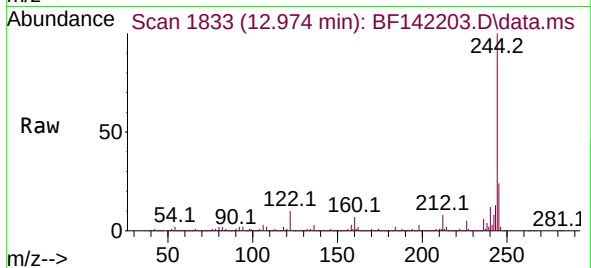
203 19.1 14.8 22.2



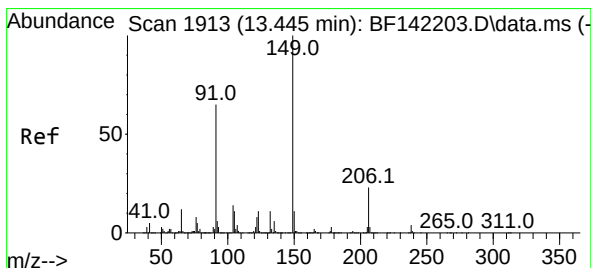
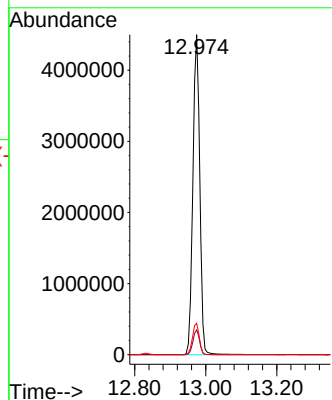
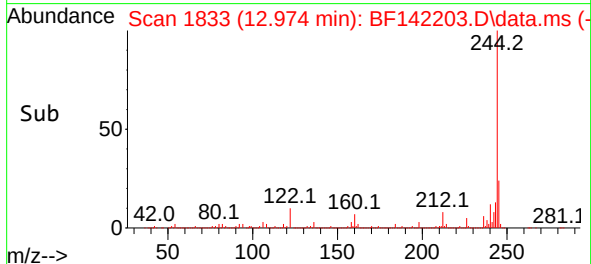


#79
 Terphenyl-d14
 Concen: 74.083 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF142203.D
 Acq: 21 Apr 2025 13:06

Instrument :
 BNA_F
 ClientSampleId :

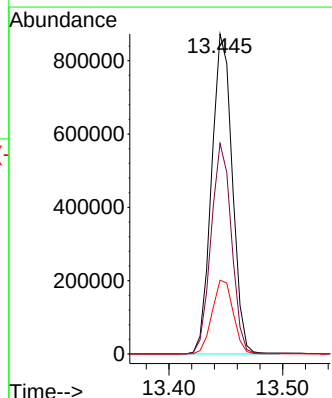
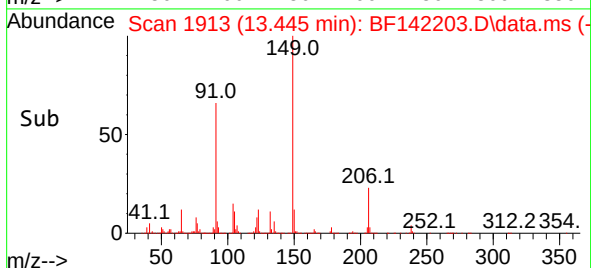
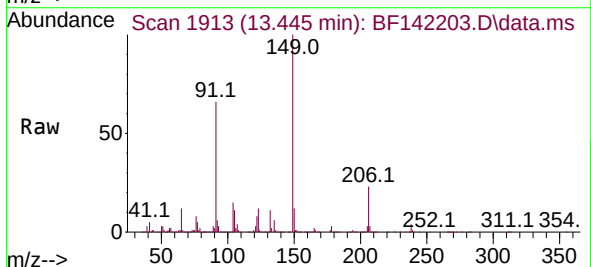


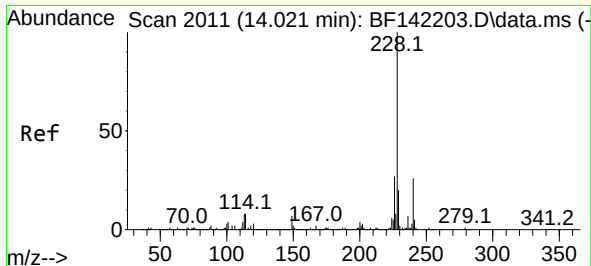
Tgt Ion:244 Resp: 6078399
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 9.8 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 41.827 ng
 RT: 13.445 min Scan# 1913
 Delta R.T. -0.000 min
 Lab File: BF142203.D
 Acq: 21 Apr 2025 13:06

Tgt Ion:149 Resp: 1105260
 Ion Ratio Lower Upper
 149 100
 91 65.8 51.8 77.8
 206 23.1 18.2 27.4

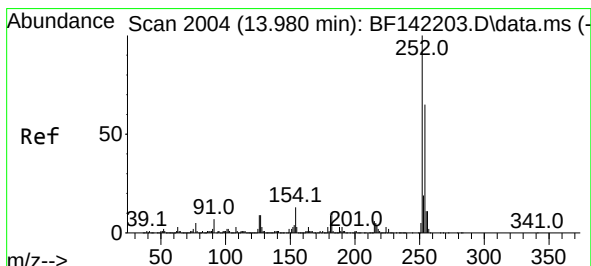
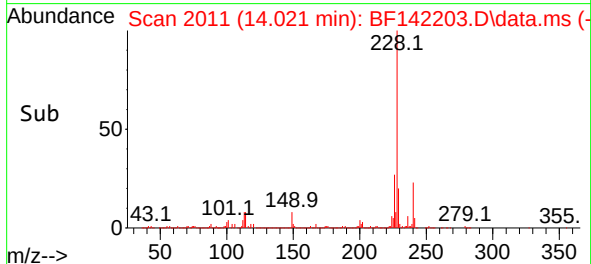
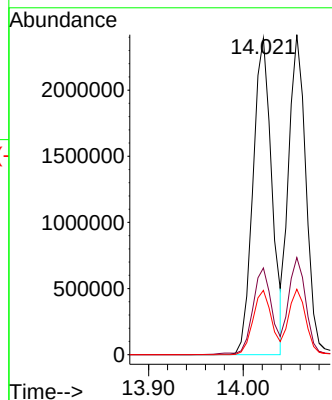
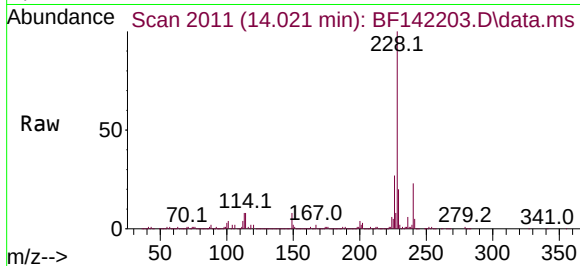




#81
Benzo(a)anthracene
Concen: 39.848 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

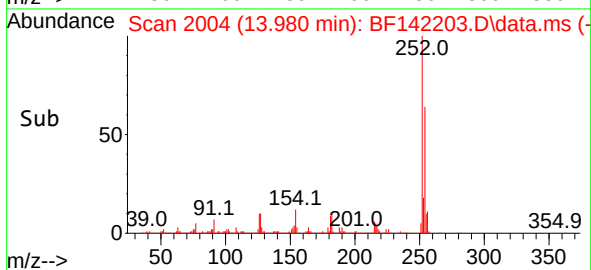
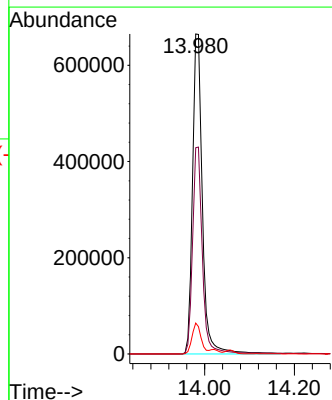
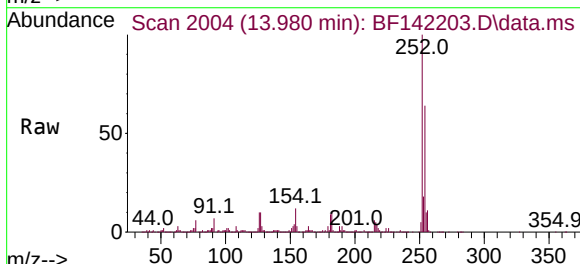
Instrument :
BNA_F
ClientSampleId :

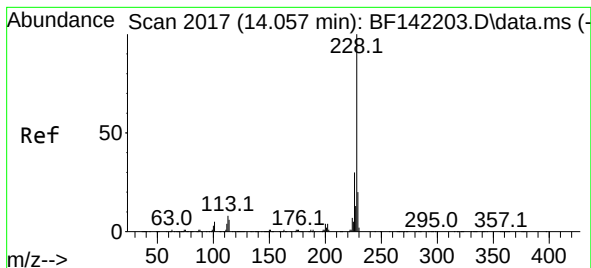
Tgt Ion:228 Resp: 3317529
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 20.3 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 41.002 ng
RT: 13.980 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:252 Resp: 1016522
Ion Ratio Lower Upper
252 100
254 64.5 51.9 77.9
126 9.6 7.4 11.0





#83

Chrysene

Concen: 38.844 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

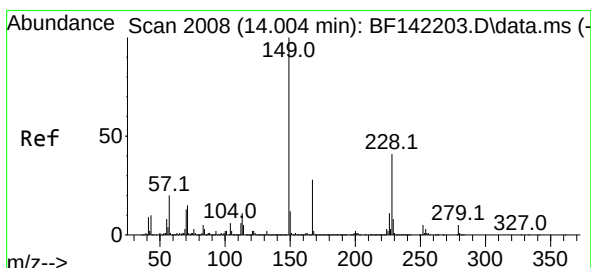
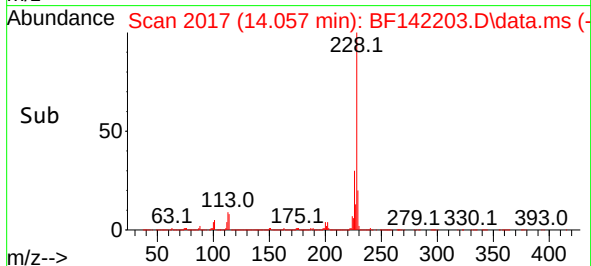
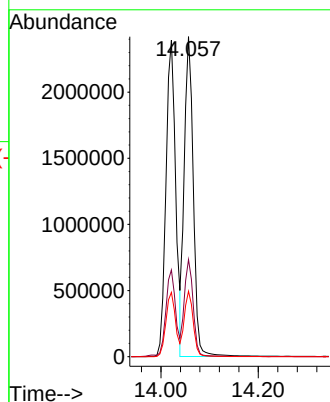
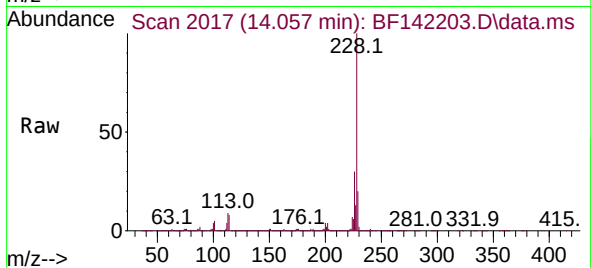
Tgt Ion:228 Resp: 3115824

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 20.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.938 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

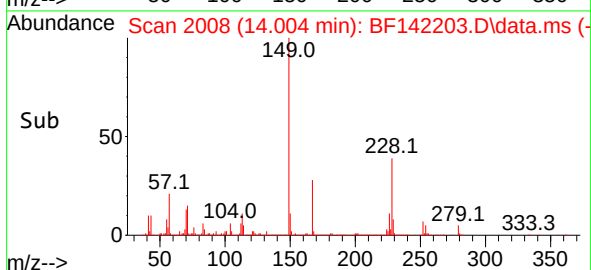
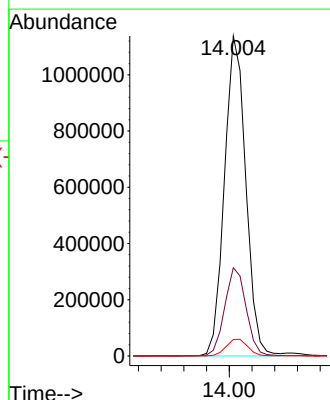
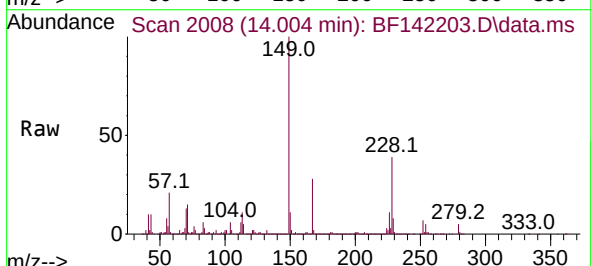
Tgt Ion:149 Resp: 1482517

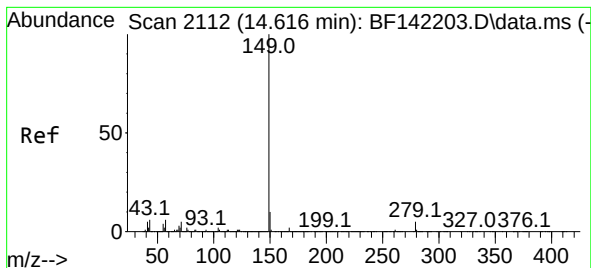
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

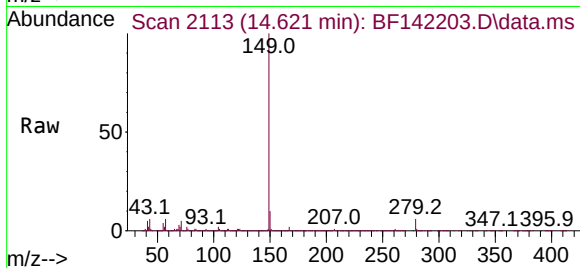
279 5.2 4.2 6.2



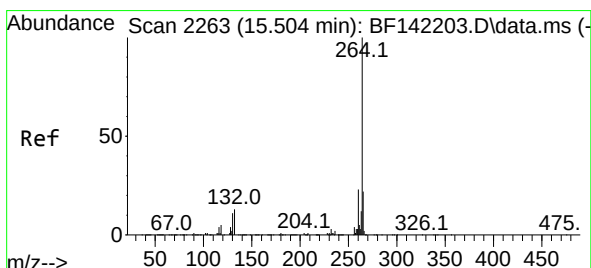
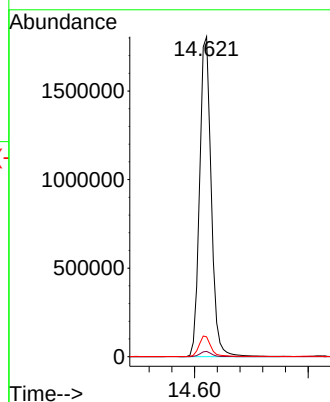
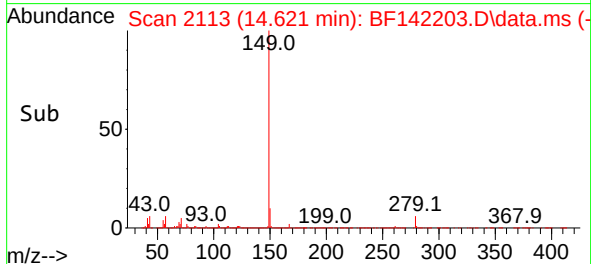


#85
Di-n-octyl phthalate
Concen: 40.992 ng
RT: 14.621 min Scan# 2113
Delta R.T. 0.005 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

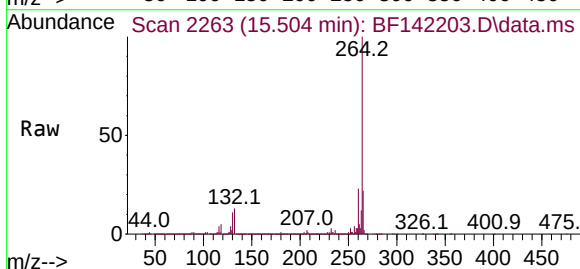
Instrument :
BNA_F
ClientSampleId :



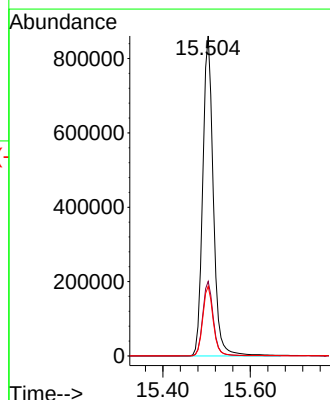
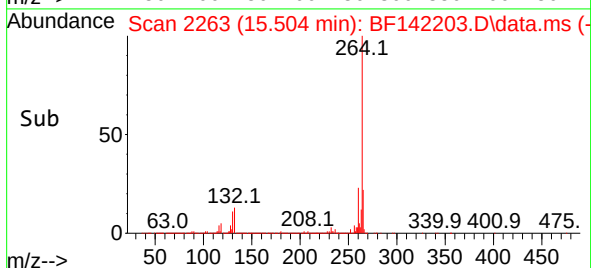
Tgt Ion:149 Resp: 2566555
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 6.7 5.3 7.9

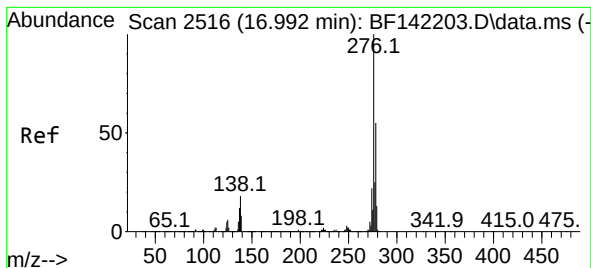


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06



Tgt Ion:264 Resp: 1455182
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.7 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.054 ng

RT: 16.992 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

Instrument :

BNA_F

ClientSampleId :

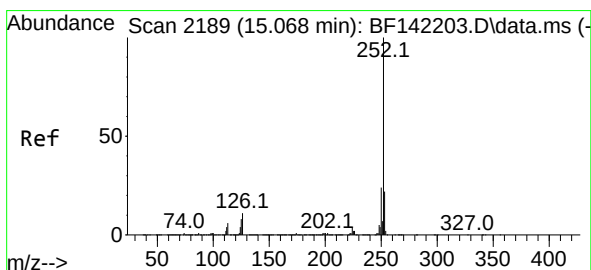
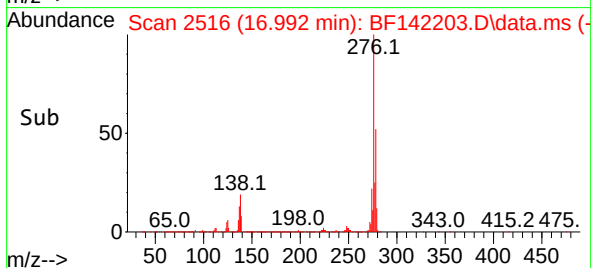
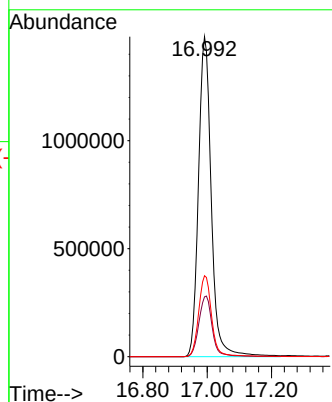
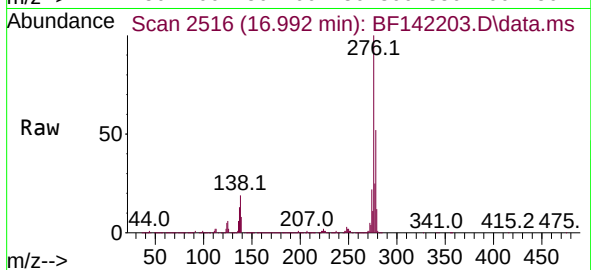
Tgt Ion:276 Resp: 4089436

Ion Ratio Lower Upper

276 100

138 19.7 15.1 22.7

277 25.8 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.441 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142203.D

Acq: 21 Apr 2025 13:06

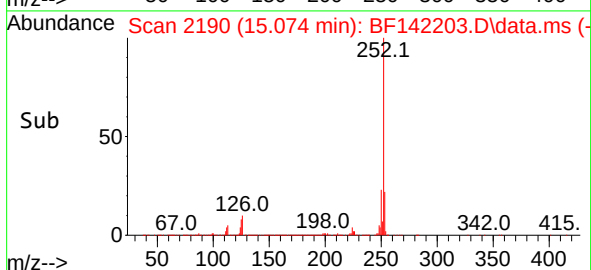
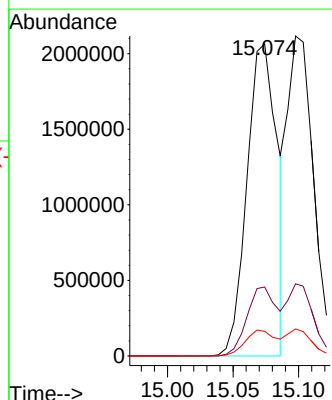
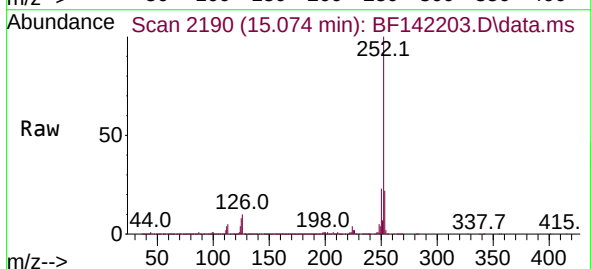
Tgt Ion:252 Resp: 3301583

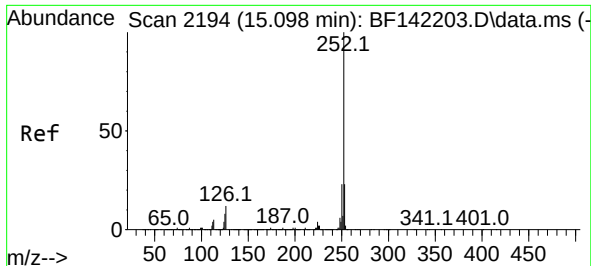
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

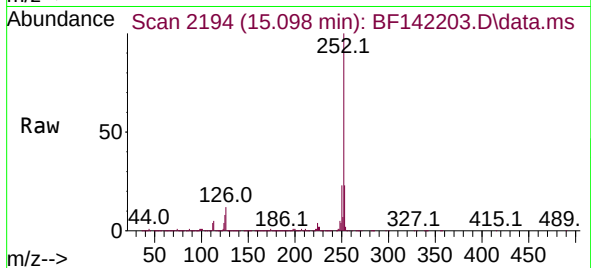
125 7.9 6.4 9.6



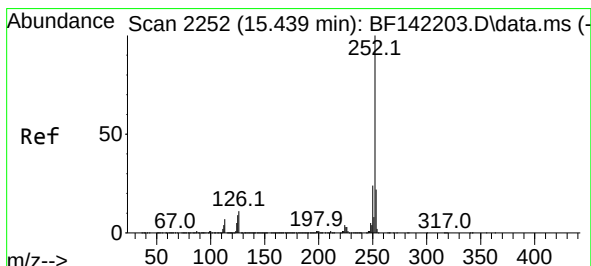
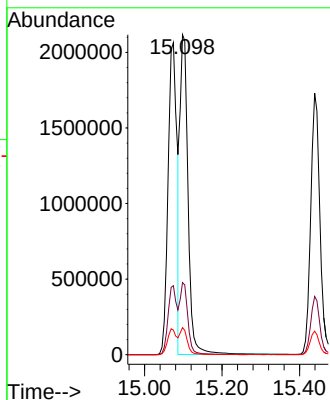
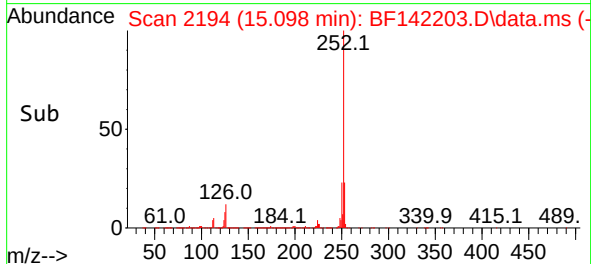


#89
Benzo(k)fluoranthene
Concen: 38.037 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :

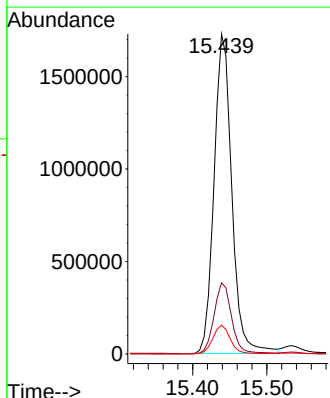
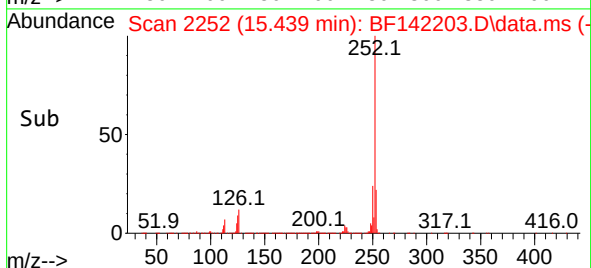
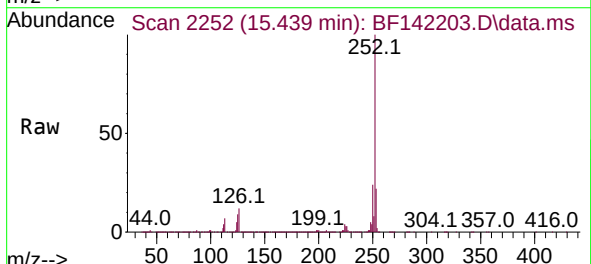


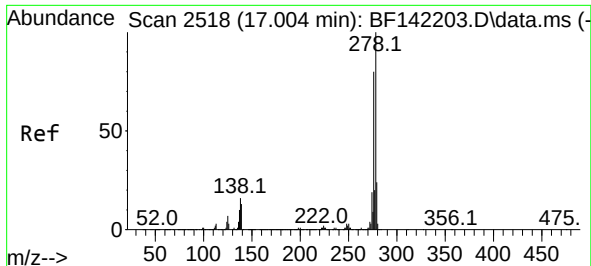
Tgt Ion:252 Resp: 3071257
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.5 6.6 10.0



#90
Benzo(a)pyrene
Concen: 39.440 ng
RT: 15.439 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:252 Resp: 2881593
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.0 7.1 10.7

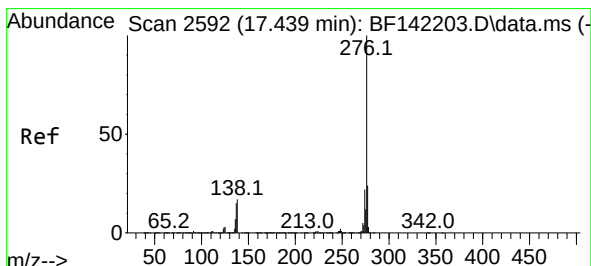
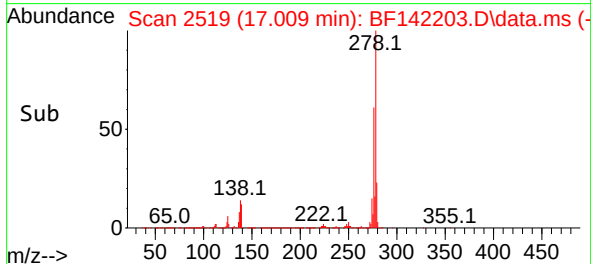
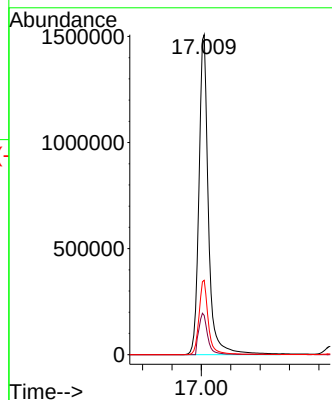
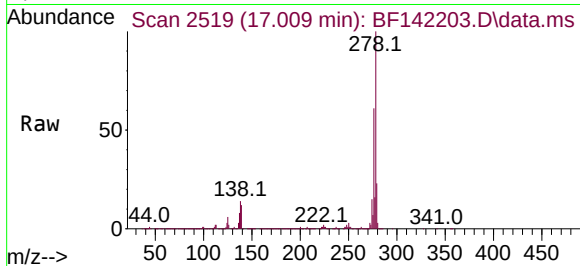




#91
Dibenzo(a,h)anthracene
Concen: 40.669 ng
RT: 17.009 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 3387132
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.4
279 23.2 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 40.371 ng
RT: 17.439 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF142203.D
Acq: 21 Apr 2025 13:06

Tgt Ion:276 Resp: 3502048
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 17.1 13.4 20.2

