

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142202.D
 Acq On : 21 Apr 2025 12:37
 Operator : RC/JU
 Sample : SSTDIC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:01:44 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	628308	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2329127	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1291636	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2269904	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1440272	20.000	ng	0.00
86) Perylene-d12	15.504	264	1386355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1465514	43.730	ng	0.00
7) Phenol-d6	6.487	99	1831146	43.630	ng	0.00
23) Nitrobenzene-d5	7.428	82	1603553	43.238	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	746903	42.293	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	3544073	44.723	ng	0.00
79) Terphenyl-d14	12.968	244	3979602	46.290	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	292941	21.535	ng	97
3) Pyridine	3.393	79	663312	22.465	ng	100
4) n-Nitrosodimethylamine	3.328	42	258689	21.578	ng	94
6) Aniline	6.528	93	891149	22.996	ng	98
8) 2-Chlorophenol	6.645	128	838698	21.863	ng	98
9) Benzaldehyde	6.416	77	519702	22.554	ng	99
10) Phenol	6.498	94	962403	21.741	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	708937	21.237	ng	98
12) 1,3-Dichlorobenzene	6.804	146	954683	21.962	ng	99
13) 1,4-Dichlorobenzene	6.881	146	961927	21.576	ng	98
14) 1,2-Dichlorobenzene	7.034	146	901650	21.739	ng	99
15) Benzyl Alcohol	7.004	79	676447	22.105	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	696065	21.512	ng	97
17) 2-Methylphenol	7.110	107	612608	21.219	ng	99
18) Hexachloroethane	7.375	117	325188	21.470	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	497294	20.954	ng	99
20) 3+4-Methylphenols	7.263	107	804080	22.393	ng	94
22) Acetophenone	7.269	105	1115744	21.824	ng	99
24) Nitrobenzene	7.445	77	781550	21.272	ng	96
25) Isophorone	7.681	82	1309509	21.035	ng	99
26) 2-Nitrophenol	7.763	139	393977	20.400	ng	100
27) 2,4-Dimethylphenol	7.792	122	523273	20.838	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	866052	21.197	ng	99
29) 2,4-Dichlorophenol	7.998	162	719878	21.078	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	851257	21.314	ng	100
31) Naphthalene	8.169	128	2493078	22.659	ng	98
32) Benzoic acid	7.892	122	353600	19.928	ng	99
33) 4-Chloroaniline	8.216	127	855844	21.483	ng	99
34) Hexachlorobutadiene	8.286	225	563364	21.374	ng	100
35) Caprolactam	8.569	113	188680	20.709	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	716198	20.832	ng	98
37) 2-Methylnaphthalene	8.857	142	1660954	21.843	ng	99
38) 1-Methylnaphthalene	8.957	142	1588611	21.578	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	908840	21.505	ng	99
41) Hexachlorocyclopentadiene	9.010	237	276019	21.299	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	528275	21.410	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
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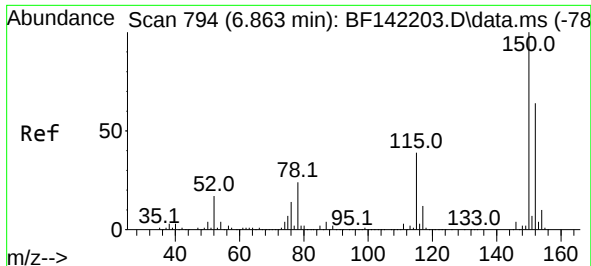
Quant Time: Apr 22 02:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	546169	20.651	ng	99
46) 1,1'-Biphenyl	9.322	154	2087411	22.537	ng	98
47) 2-Chloronaphthalene	9.345	162	1585509	22.054	ng	99
48) 2-Nitroaniline	9.439	65	364382	21.623	ng	95
49) Acenaphthylene	9.763	152	2287951	22.515	ng	99
50) Dimethylphthalate	9.616	163	1809172	21.846	ng	99
51) 2,6-Dinitrotoluene	9.680	165	398717	21.444	ng	97
52) Acenaphthene	9.933	154	1593221	21.757	ng	99
53) 3-Nitroaniline	9.851	138	384023	21.556	ng	95
54) 2,4-Dinitrophenol	9.957	184	168982	18.556	ng	89
55) Dibenzofuran	10.104	168	2309529	22.497	ng	98
56) 4-Nitrophenol	10.010	139	266124	20.421	ng	96
57) 2,4-Dinitrotoluene	10.086	165	513857	21.398	ng	99
58) Fluorene	10.451	166	1759870	22.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	488257	20.650	ng	99
60) Diethylphthalate	10.316	149	1713553	22.159	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	943863	21.586	ng	100
62) 4-Nitroaniline	10.463	138	368930	21.787	ng	97
63) Azobenzene	10.598	77	1471635	21.855	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	248916	18.786	ng	97
66) n-Nitrosodiphenylamine	10.557	169	1470323	21.135	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	618266	20.711	ng	98
68) Hexachlorobenzene	10.998	284	739929	20.828	ng	99
69) Atrazine	11.080	200	313464	18.464	ng	99
70) Pentachlorophenol	11.192	266	375192	20.703	ng	99
71) Phenanthrene	11.410	178	2519024	22.347	ng	98
72) Anthracene	11.463	178	2505882	22.233	ng	98
73) Carbazole	11.621	167	2179062	22.130	ng	99
74) Di-n-butylphthalate	11.945	149	2356179	23.119	ng	99
75) Fluoranthene	12.598	202	2677855	22.854	ng	99
77) Benzidine	12.733	184	239779	12.901	ng	98
78) Pyrene	12.827	202	2662541	23.276	ng	99
80) Butylbenzylphthalate	13.445	149	580168	20.954	ng	99
81) Benzo(a)anthracene	14.015	228	1954657	22.407	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	535850	20.628	ng	99
83) Chrysene	14.057	228	1770305	21.063	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	738594	19.940	ng	100
85) Di-n-octyl phthalate	14.615	149	1196625	18.240	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	2044877	21.023	ng	99
88) Benzo(b)fluoranthene	15.068	252	1805792	23.217	ng	100
89) Benzo(k)fluoranthene	15.098	252	1543871	20.070	ng	99
90) Benzo(a)pyrene	15.439	252	1481723	21.287	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	1684573	21.231	ng	99
92) Benzo(g,h,i)perylene	17.433	276	1718184	20.790	ng	100

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

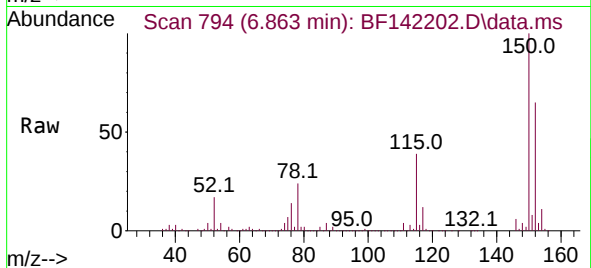
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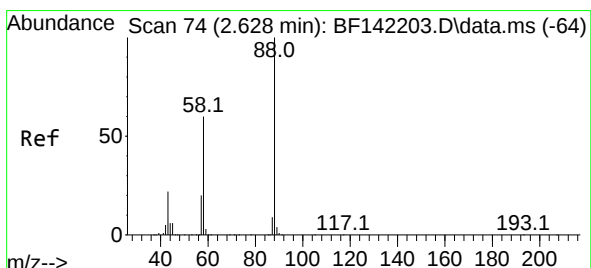
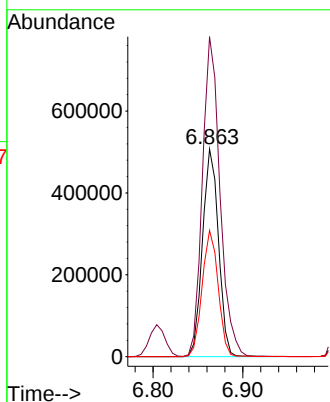
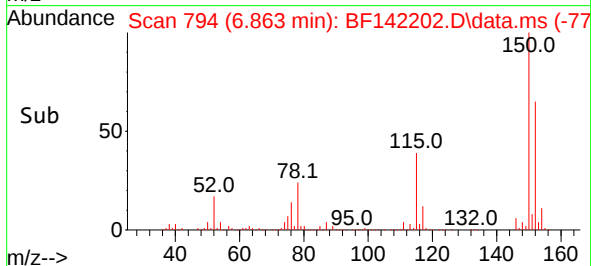


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.000 min
 Lab File: BF142202.D
 Acq: 21 Apr 2025 12:37

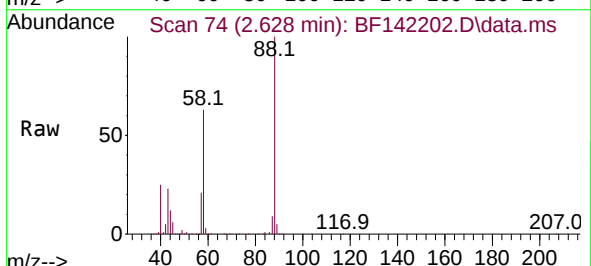
Instrument :
 BNA_F
 ClientSampleId :



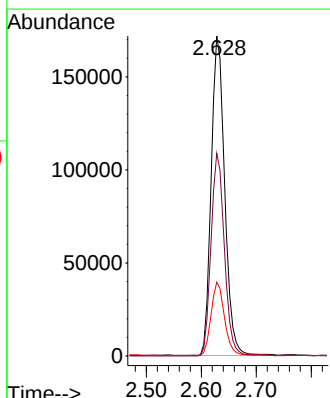
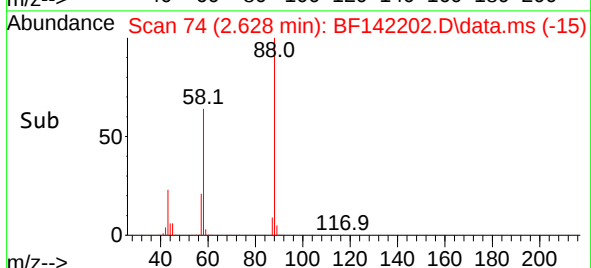
Tgt Ion:152 Resp: 628308
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.4 189.6
 115 60.8 49.4 74.2

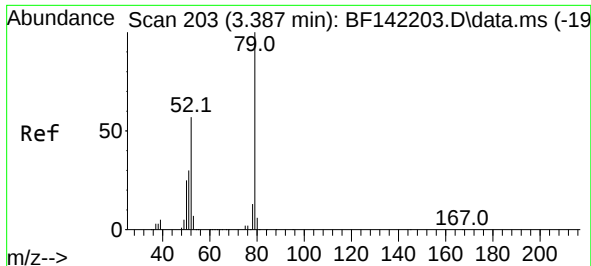


#2
 1,4-Dioxane
 Concen: 21.535 ng
 RT: 2.628 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF142202.D
 Acq: 21 Apr 2025 12:37



Tgt Ion: 88 Resp: 292941
 Ion Ratio Lower Upper
 88 100
 58 62.6 47.8 71.6
 43 22.9 17.8 26.8

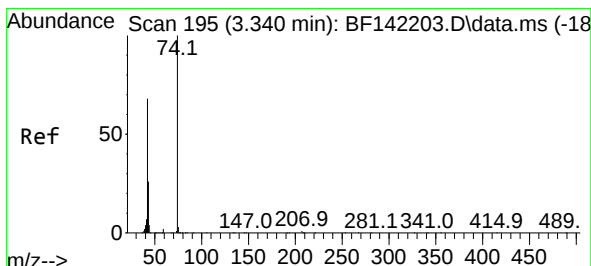
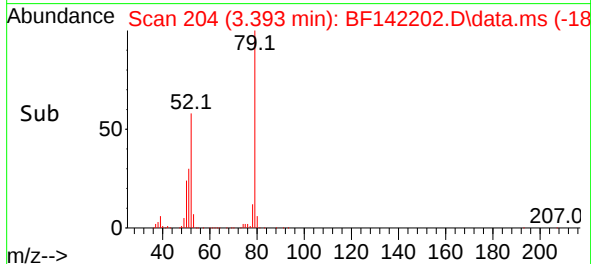
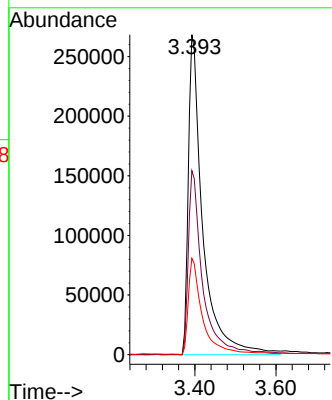
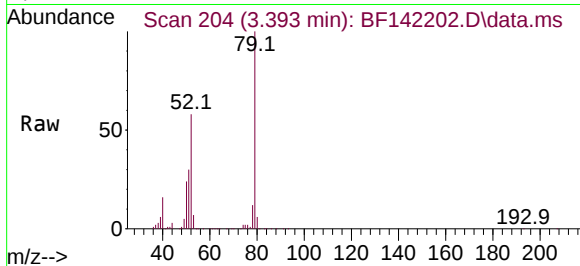




#3
Pyridine
Concen: 22.465 ng
RT: 3.393 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

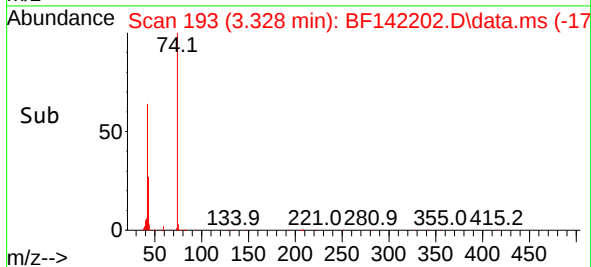
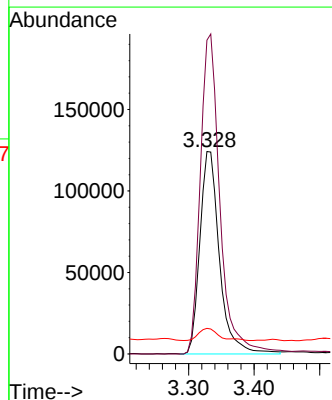
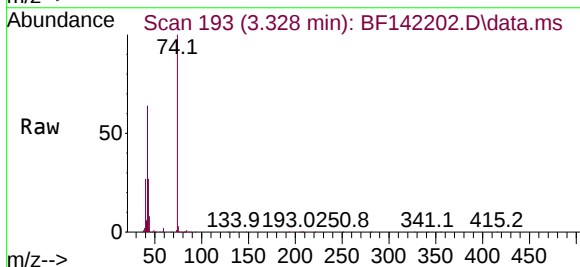
Instrument :
BNA_F
ClientSampleId :

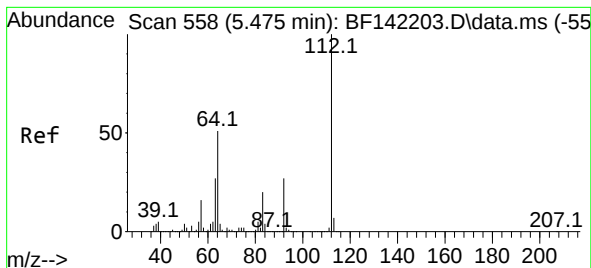
Tgt Ion: 79 Resp: 663312
Ion Ratio Lower Upper
79 100
52 57.5 45.8 68.8
51 30.1 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 21.578 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 42 Resp: 258689
Ion Ratio Lower Upper
42 100
74 155.1 117.4 176.0
44 12.6 9.5 14.3





#5

2-Fluorophenol

Concen: 43.730 ng

RT: 5.475 min Scan# 51

Delta R.T. -0.000 min

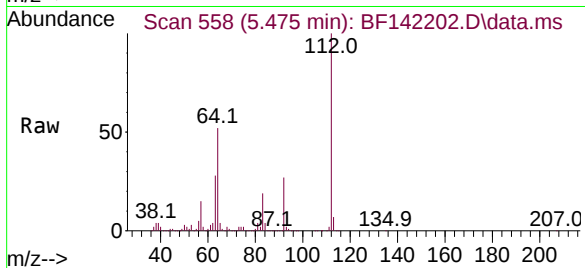
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :



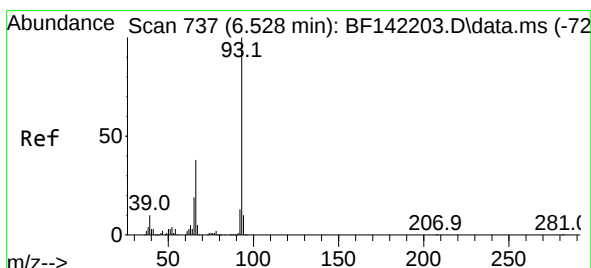
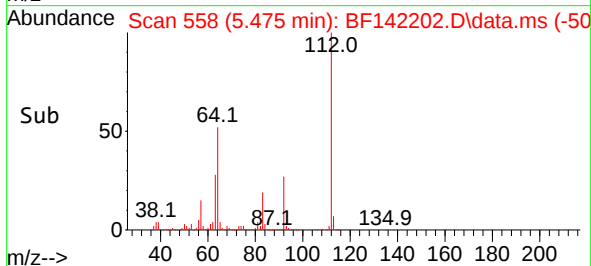
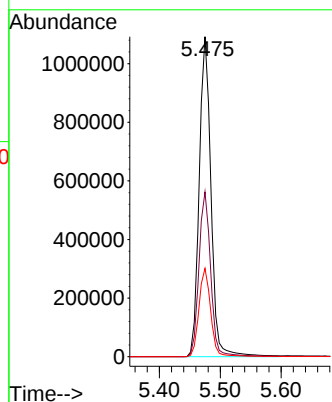
Tgt Ion:112 Resp: 1465514

Ion Ratio Lower Upper

112 100

64 51.5 40.9 61.3

63 27.6 22.0 33.0



#6

Aniline

Concen: 22.996 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

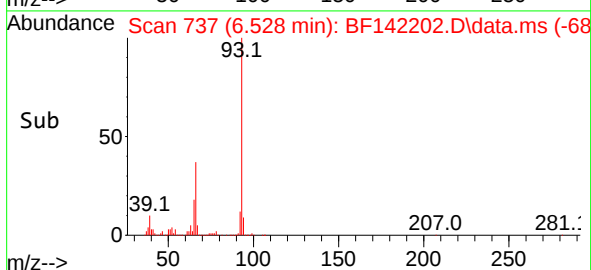
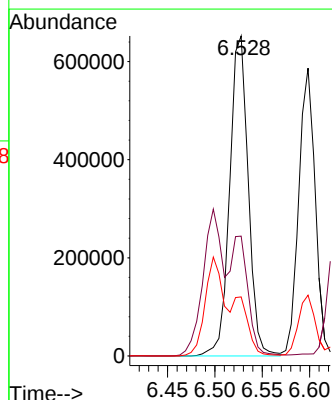
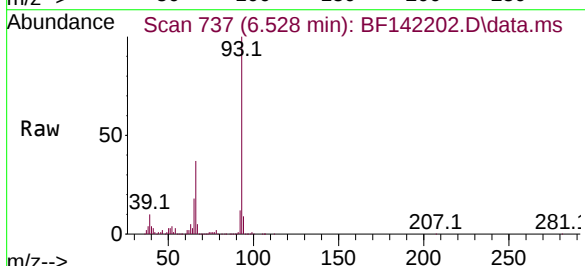
Tgt Ion: 93 Resp: 891149

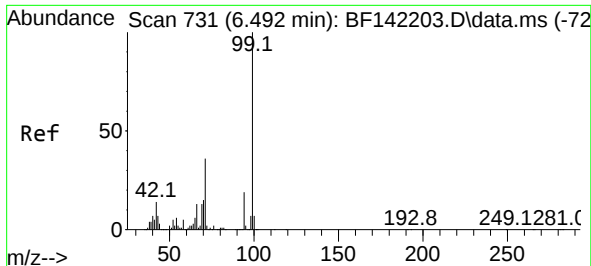
Ion Ratio Lower Upper

93 100

66 37.5 30.9 46.3

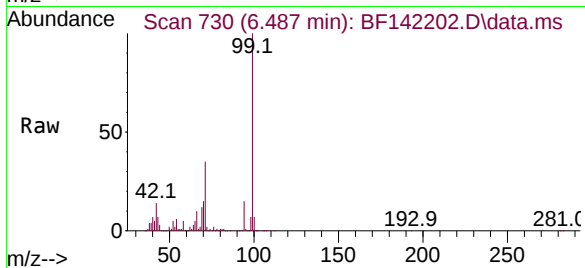
65 18.5 15.1 22.7





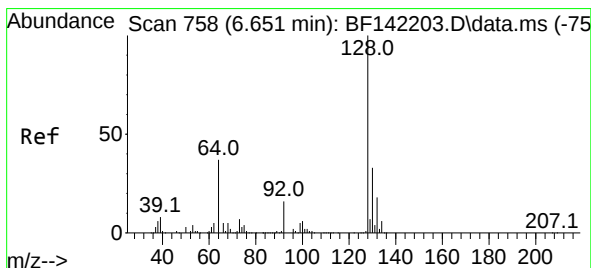
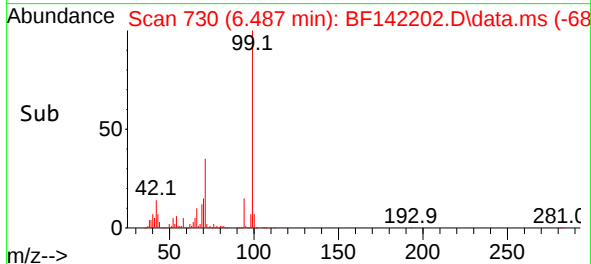
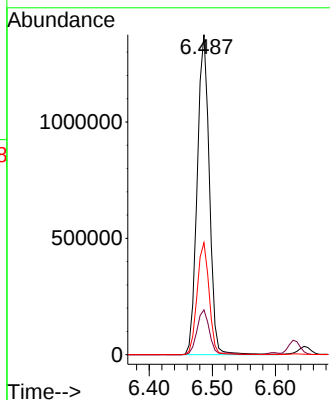
#7
Phenol-d6
Concen: 43.630 ng
RT: 6.487 min Scan# 711
Delta R.T. -0.005 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1831146

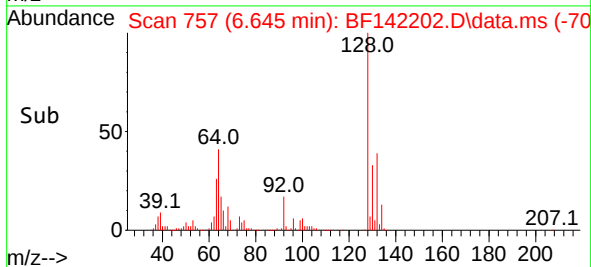
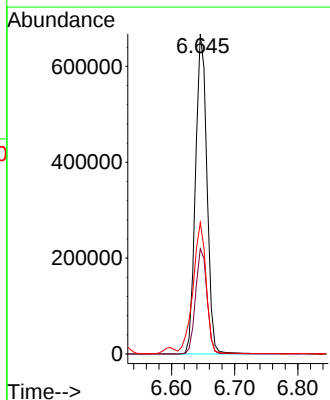
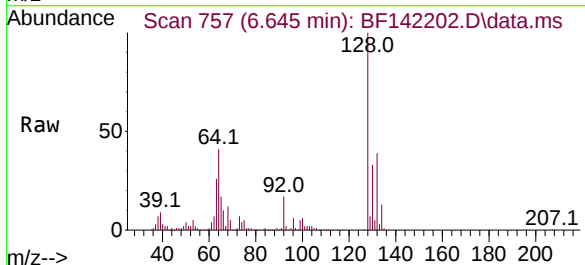
Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.5	17.3
71	35.0	28.6	42.8

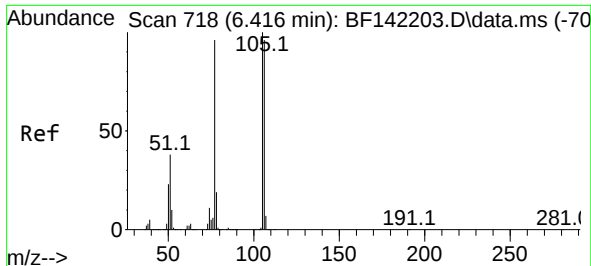


#8
2-Chlorophenol
Concen: 21.863 ng
RT: 6.645 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 128 Resp: 838698

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.0	53.0
64	41.0	18.8	58.8

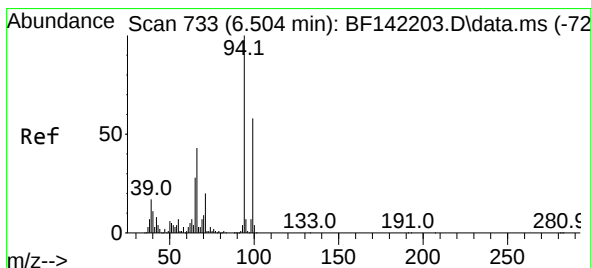
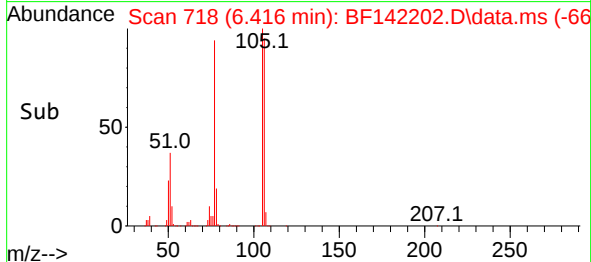
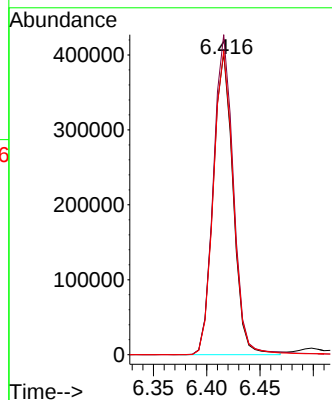
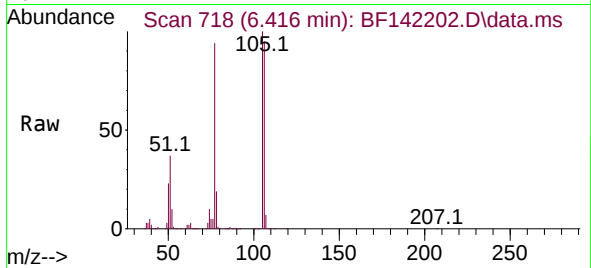




#9
Benzaldehyde
Concen: 22.554 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

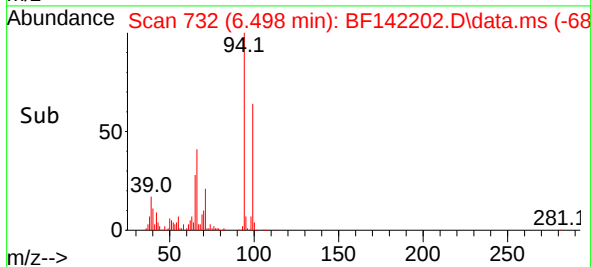
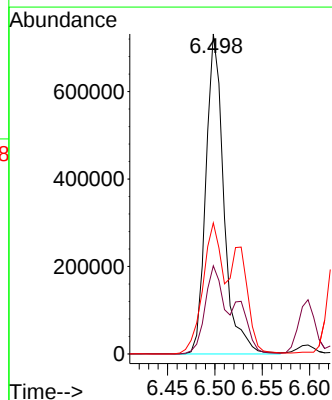
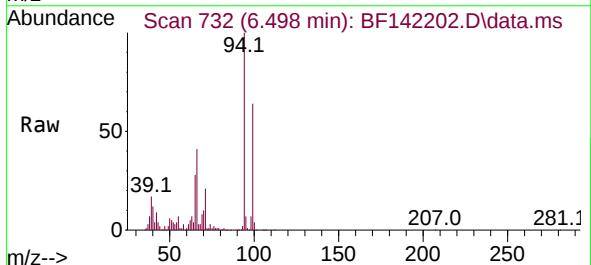
Instrument :
BNA_F
ClientSampleId :

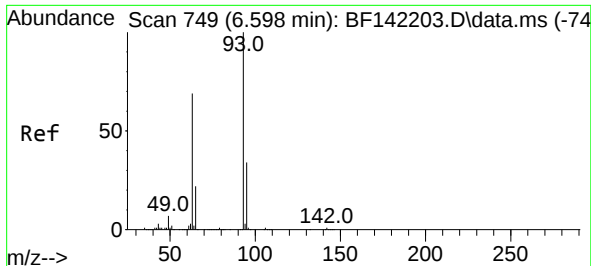
Tgt Ion: 77 Resp: 519702
Ion Ratio Lower Upper
77 100
105 106.2 84.4 124.4
106 100.9 80.3 120.3



#10
Phenol
Concen: 21.741 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 94 Resp: 962403
Ion Ratio Lower Upper
94 100
65 27.5 8.1 48.1
66 40.9 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 21.237 ng

RT: 6.598 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

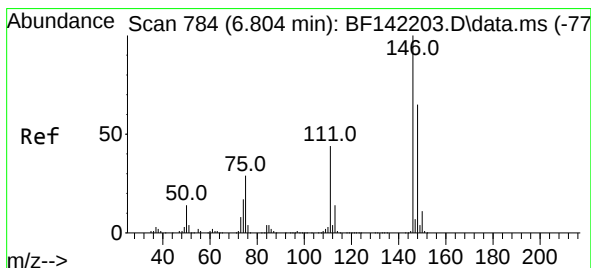
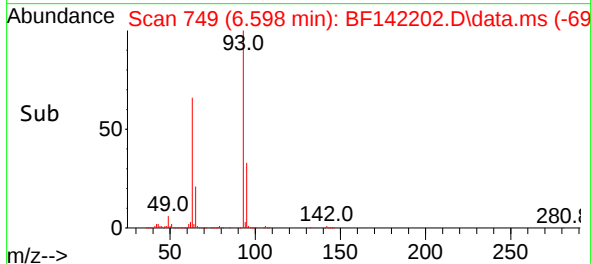
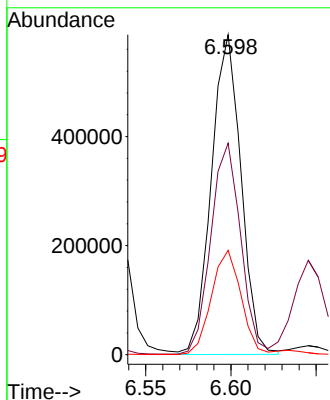
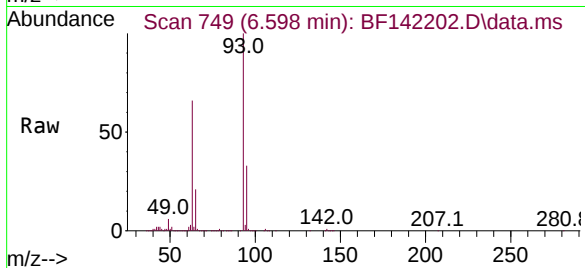
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93 Resp: 708937

Ion	Ratio	Lower	Upper
93	100		
63	66.1	47.9	87.9
95	32.6	13.7	53.7



#12

1,3-Dichlorobenzene

Concen: 21.962 ng

RT: 6.804 min Scan# 784

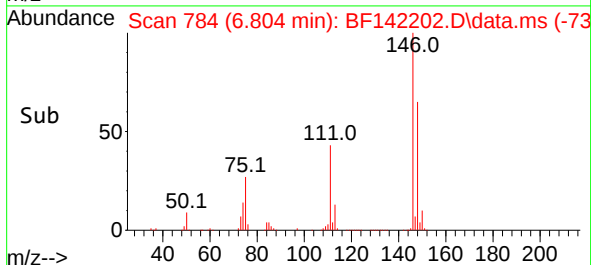
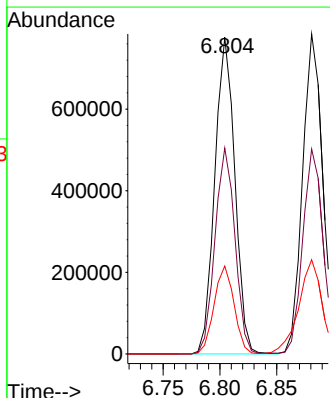
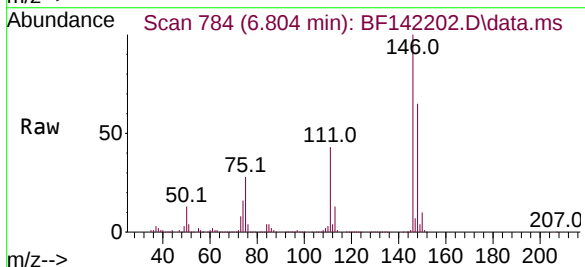
Delta R.T. -0.000 min

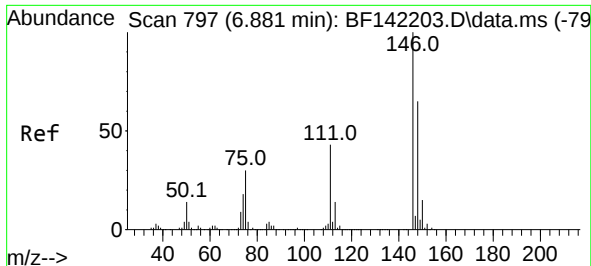
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion: 146 Resp: 954683

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
75	27.8	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 21.576 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

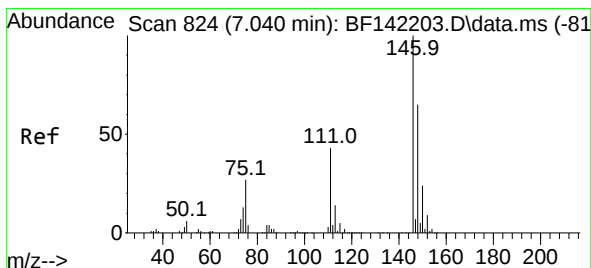
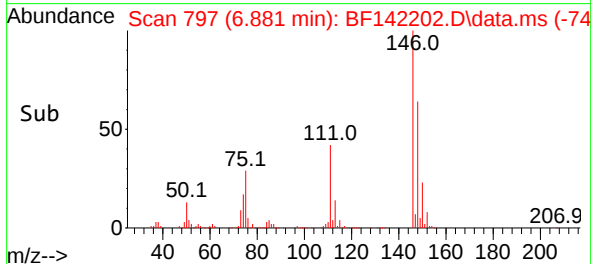
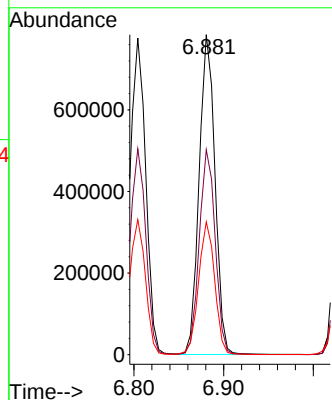
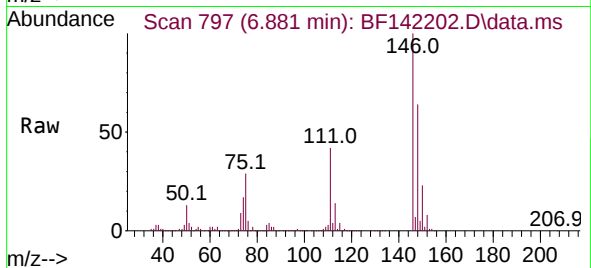
Tgt Ion:146 Resp: 961927

Ion Ratio Lower Upper

146 100

148 64.1 52.4 78.6

111 41.5 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 21.739 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

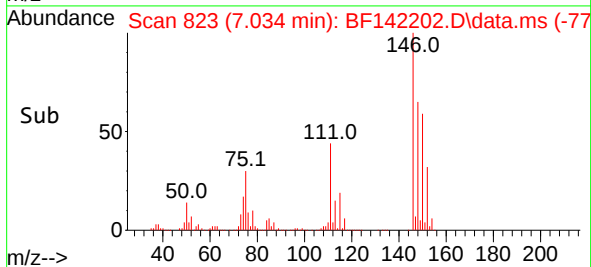
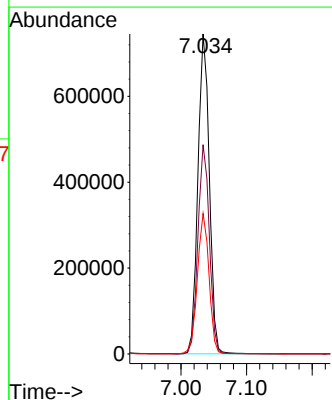
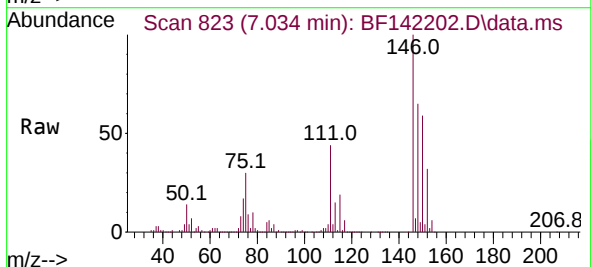
Tgt Ion:146 Resp: 901650

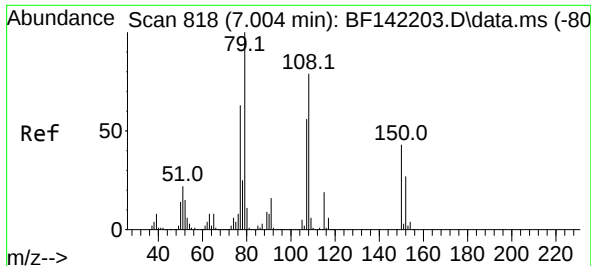
Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

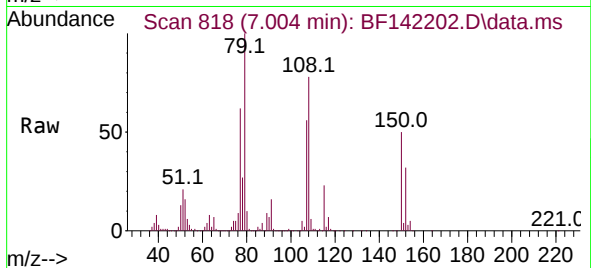
111 43.9 34.2 51.4



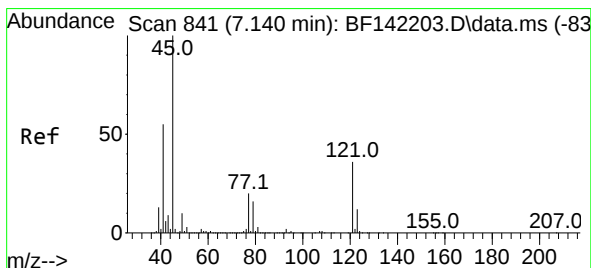
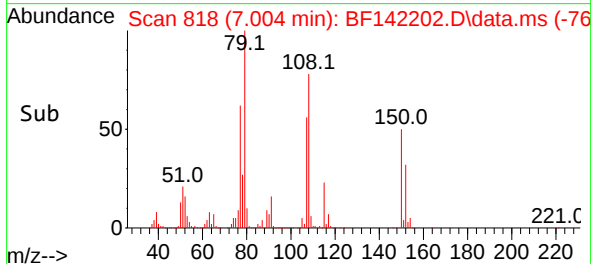
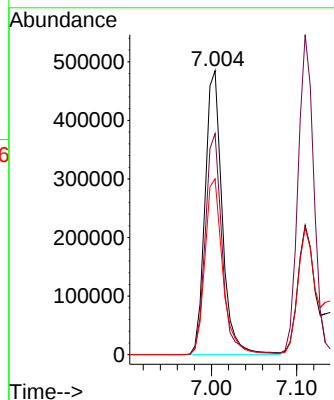


#15
Benzyl Alcohol
Concen: 22.105 ng
RT: 7.004 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

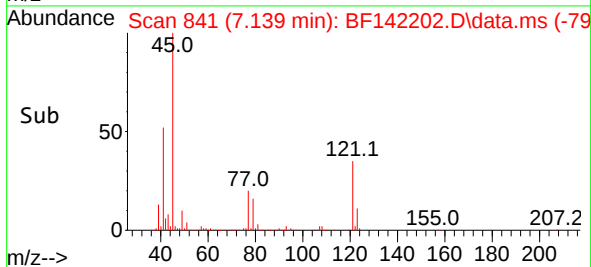
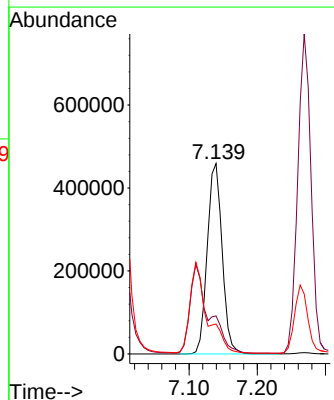
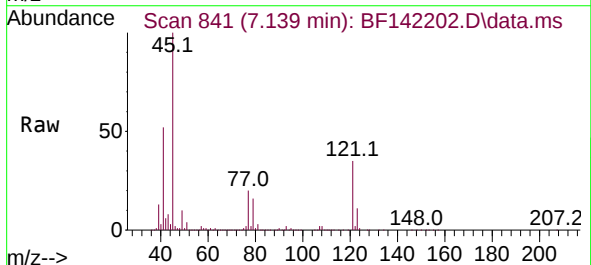


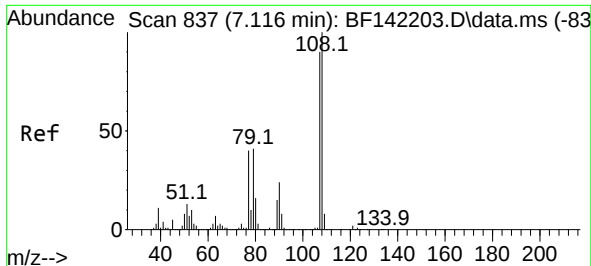
Tgt Ion: 79 Resp: 676447
Ion Ratio Lower Upper
79 100
108 77.8 63.1 94.7
77 61.9 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.512 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

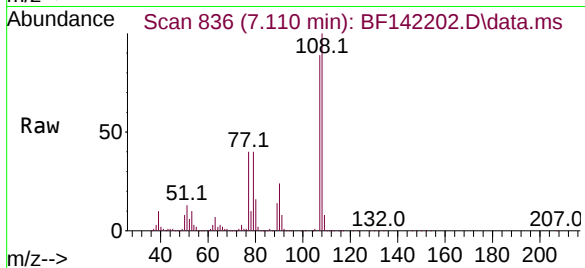
Tgt Ion: 45 Resp: 696065
Ion Ratio Lower Upper
45 100
77 20.0 1.4 41.4
79 15.7 0.0 36.7



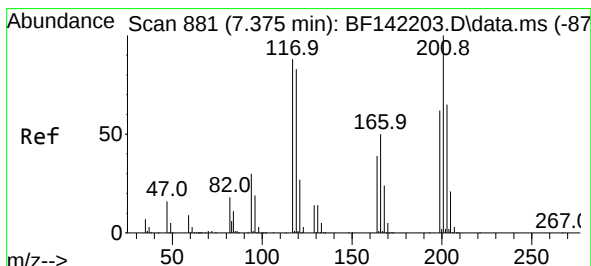
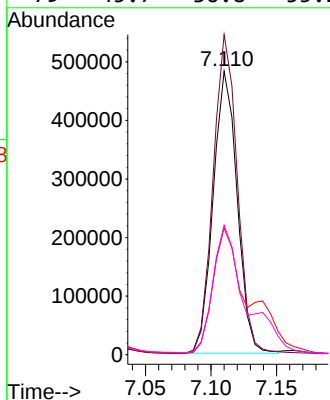
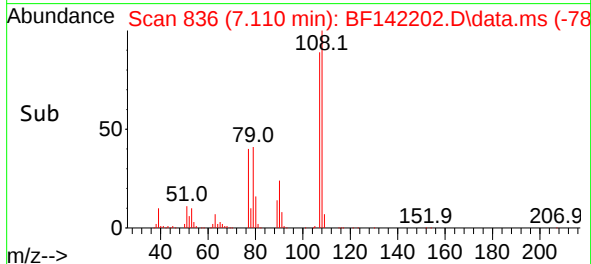


#17
2-Methylphenol
Concen: 21.219 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

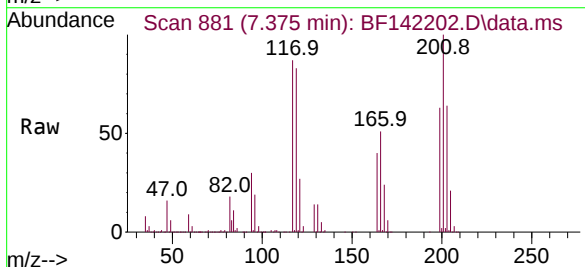
Instrument :
BNA_F
ClientSampleId :



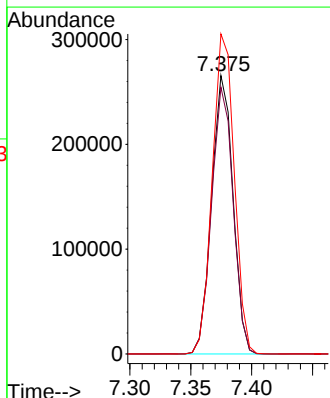
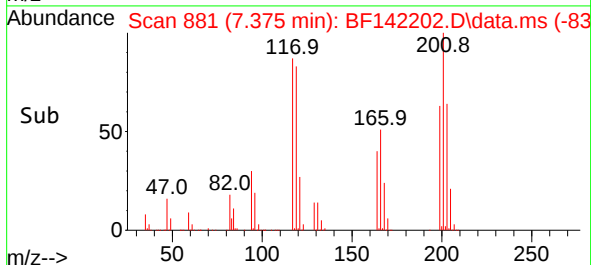
Tgt Ion:107 Resp: 612608
Ion Ratio Lower Upper
107 100
108 112.9 89.4 134.2
77 44.7 36.3 54.5
79 45.7 36.8 55.2

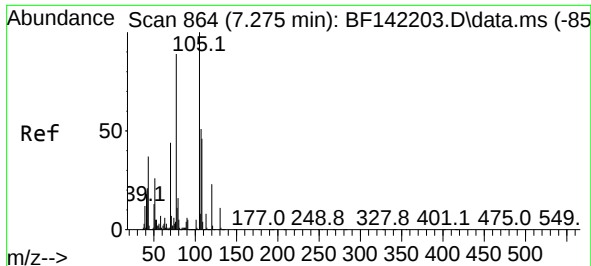


#18
Hexachloroethane
Concen: 21.470 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37



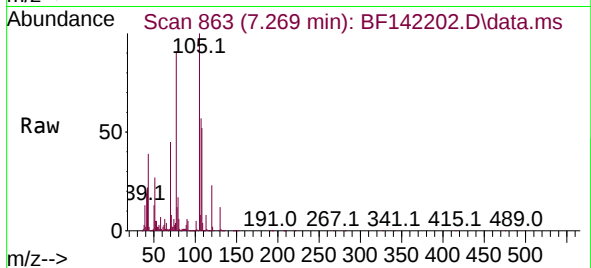
Tgt Ion:117 Resp: 325188
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 115.0 91.4 137.0



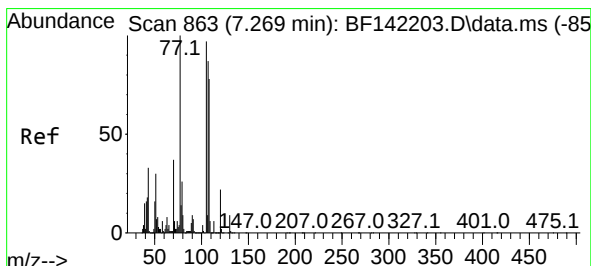
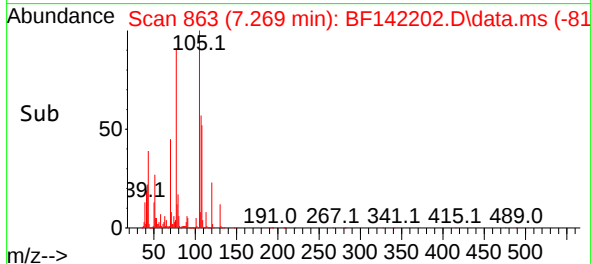
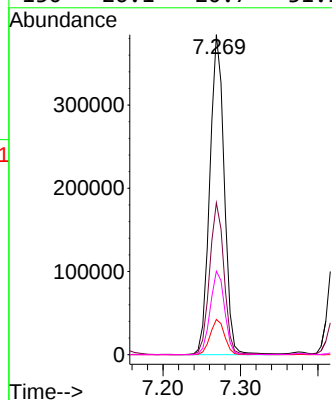


#19
n-Nitroso-di-n-propylamine
Concen: 20.954 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

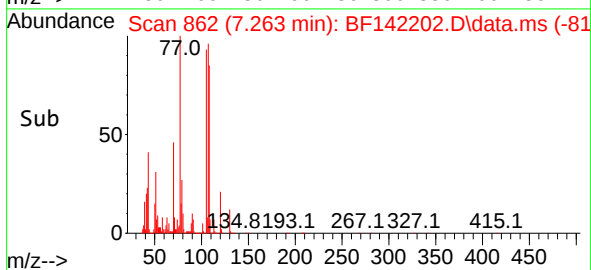
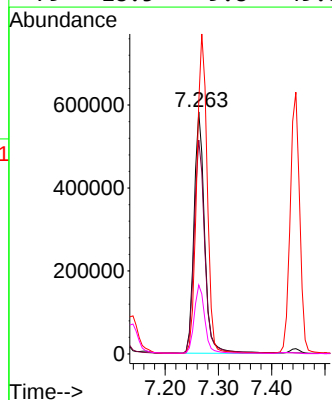
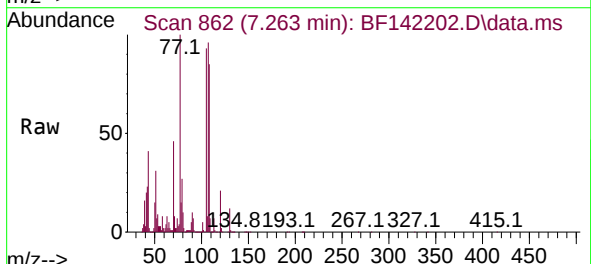


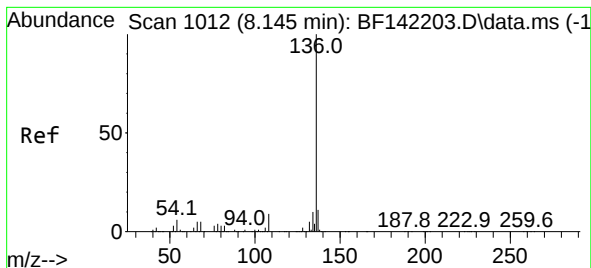
Tgt Ion: 70 Resp: 497294
Ion Ratio Lower Upper
70 100
42 47.5 37.4 56.0
101 11.0 8.6 13.0
130 26.1 20.7 31.1



#20
3+4-Methylphenols
Concen: 22.393 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion: 107 Resp: 804080
Ion Ratio Lower Upper
107 100
108 88.4 69.8 109.8
77 103.8 94.5 134.5
79 28.5 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: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 2329127

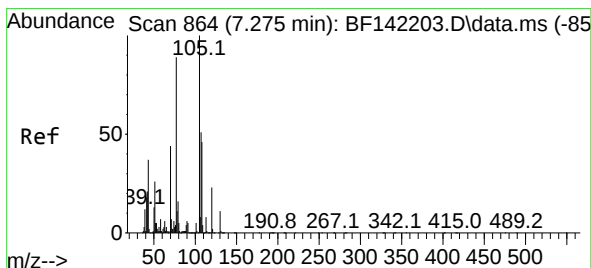
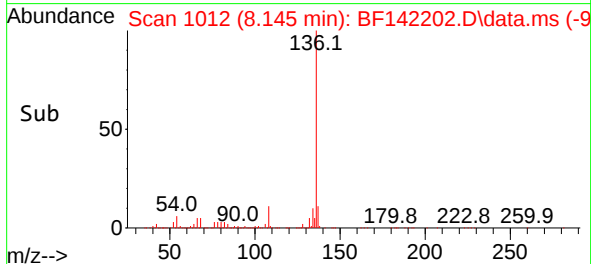
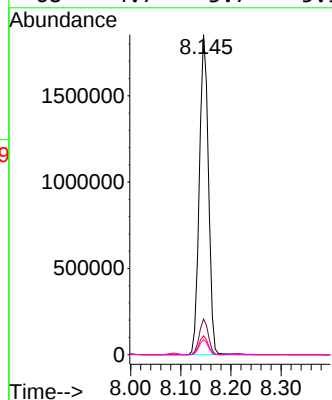
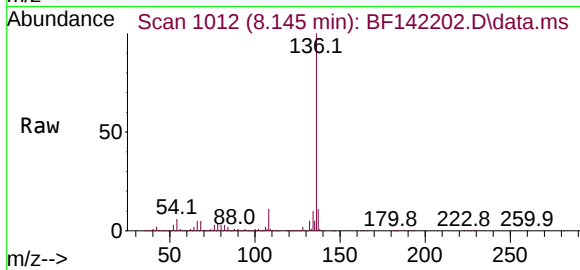
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 5.9 4.7 7.1

68 4.7 3.7 5.5



#22

Acetophenone

Concen: 21.824 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion:105 Resp: 1115744

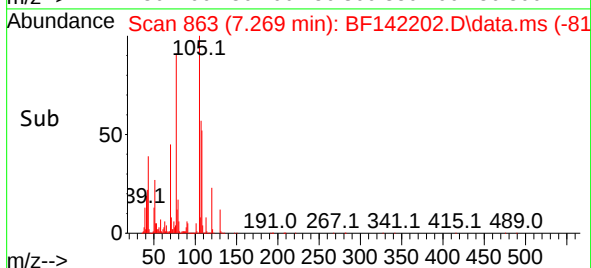
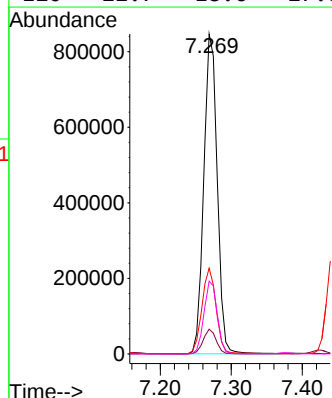
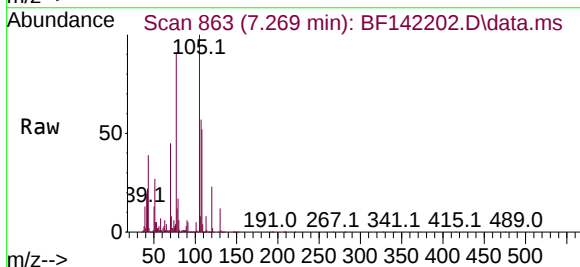
Ion Ratio Lower Upper

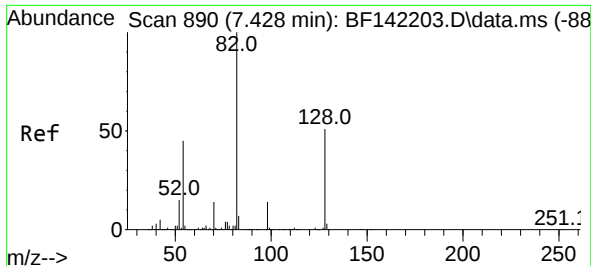
105 100

71 7.7 5.8 8.8

51 26.8 20.9 31.3

120 22.7 18.6 27.8





#23

Nitrobenzene-d5

Concen: 43.238 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

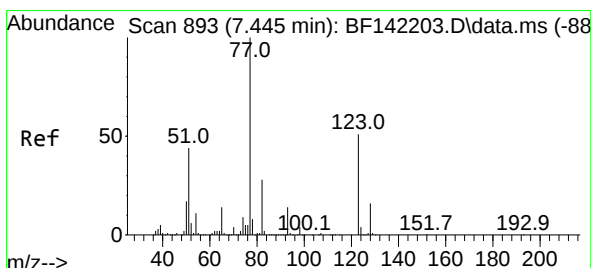
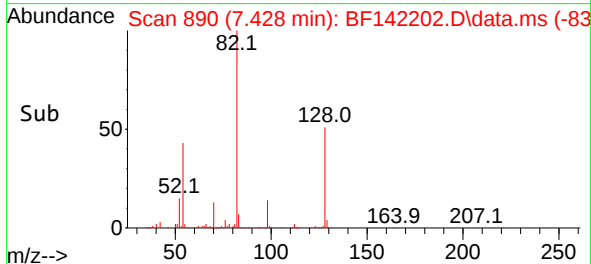
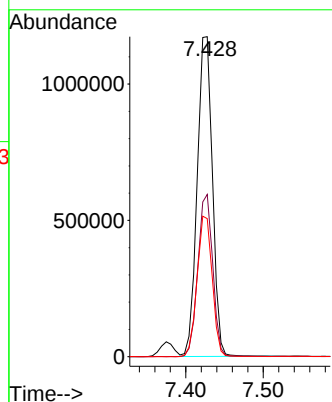
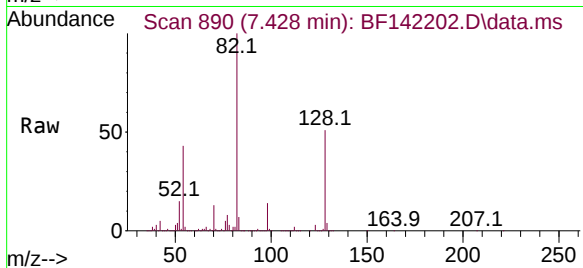
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1603553

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.2	60.2
54	43.1	35.5	53.3



#24

Nitrobenzene

Concen: 21.272 ng

RT: 7.445 min Scan# 893

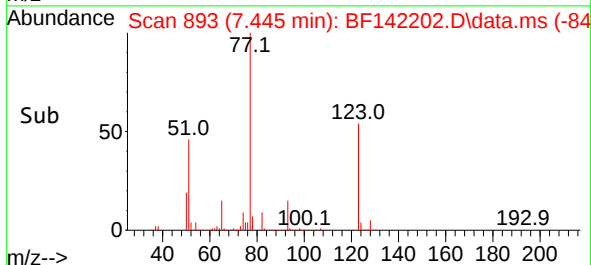
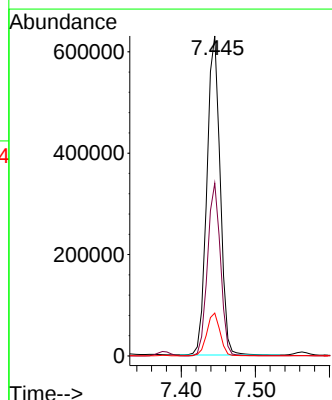
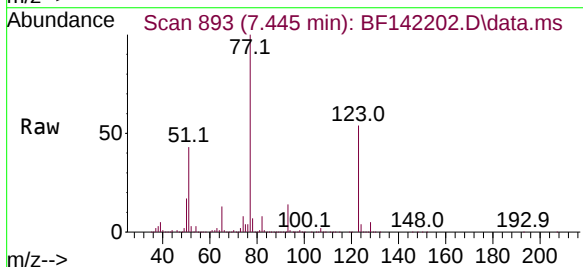
Delta R.T. -0.000 min

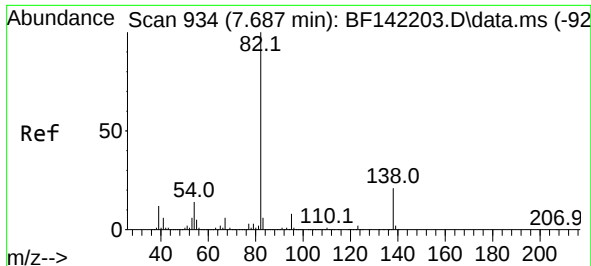
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion: 77 Resp: 781550

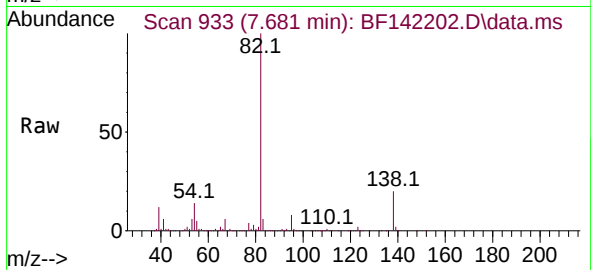
Ion	Ratio	Lower	Upper
77	100		
123	54.0	40.7	61.1
65	13.4	10.9	16.3



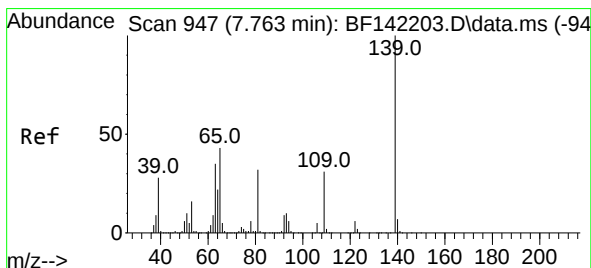
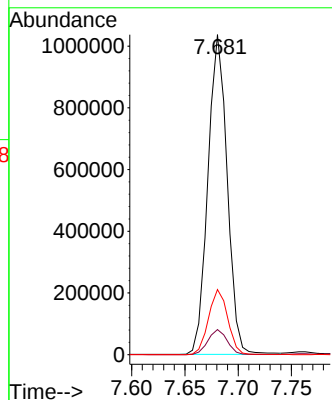
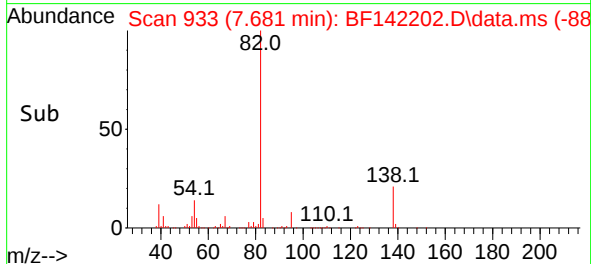


#25
Isophorone
Concen: 21.035 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

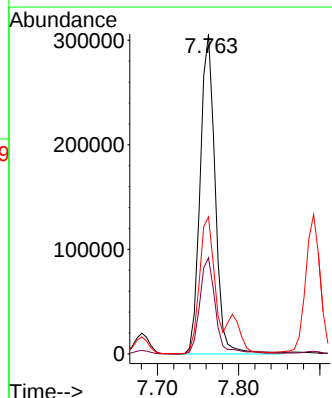
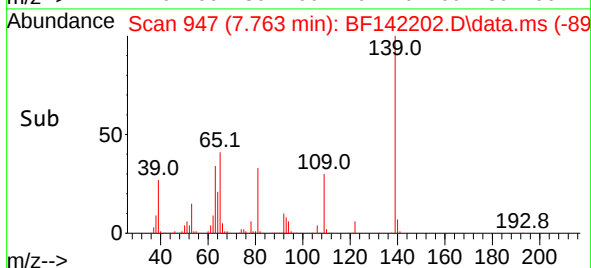
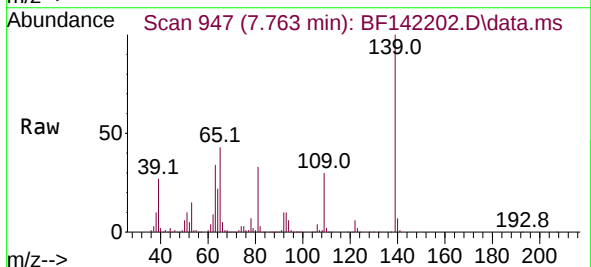


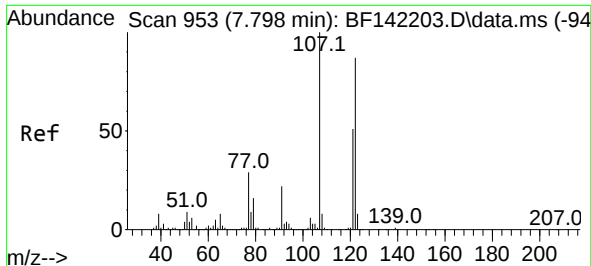
Tgt Ion: 82 Resp: 1309509
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 20.4 16.9 25.3



#26
2-Nitrophenol
Concen: 20.400 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:139 Resp: 393977
Ion Ratio Lower Upper
139 100
109 30.1 24.4 36.6
65 42.9 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 20.838 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.006 min

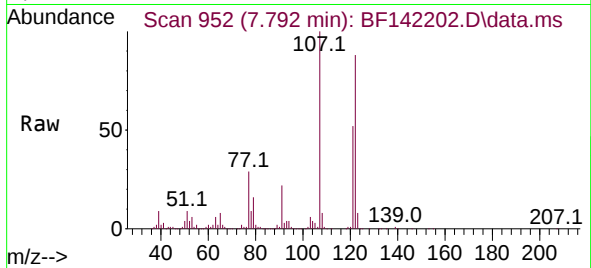
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :



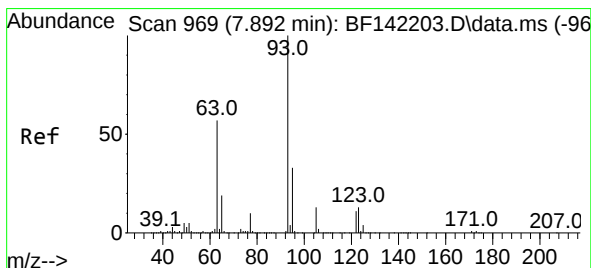
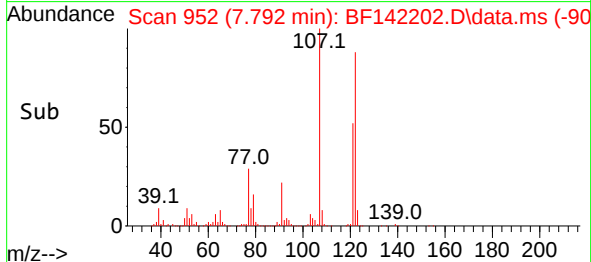
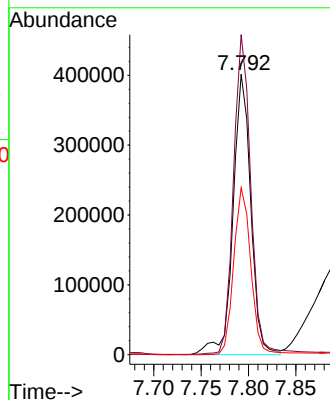
Tgt Ion:122 Resp: 523273

Ion Ratio Lower Upper

122 100

107 114.2 91.6 137.4

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 21.197 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

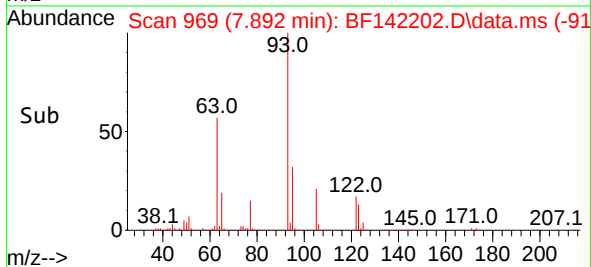
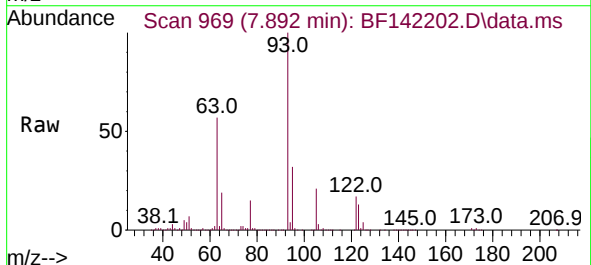
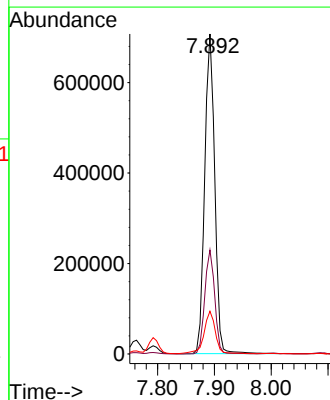
Tgt Ion: 93 Resp: 866052

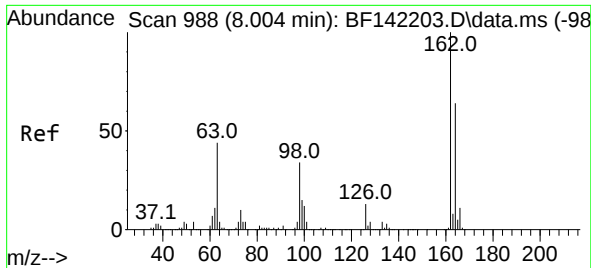
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

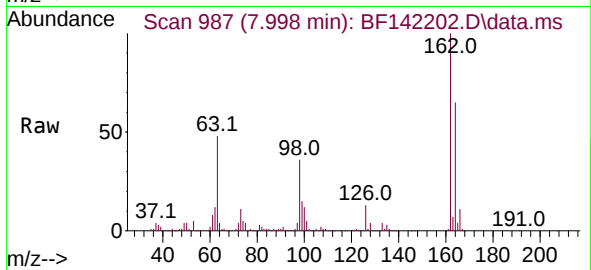
123 13.3 10.9 16.3



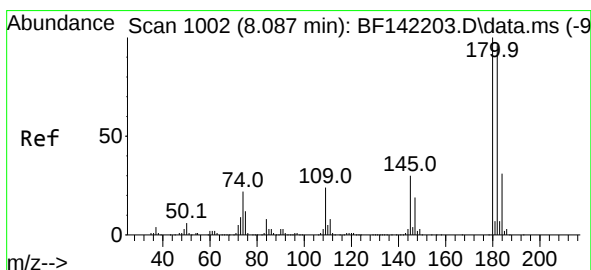
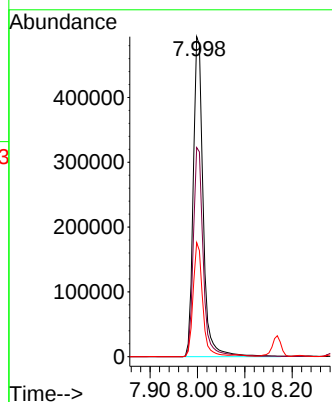
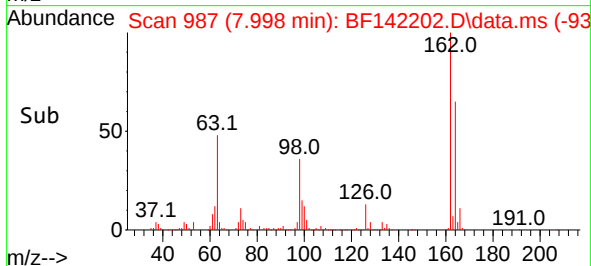


#29
2,4-Dichlorophenol
Concen: 21.078 ng
RT: 7.998 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

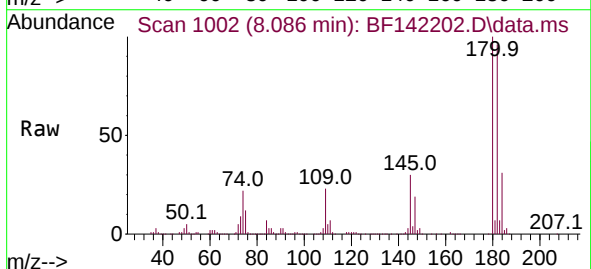
Instrument :
BNA_F
ClientSampleId :



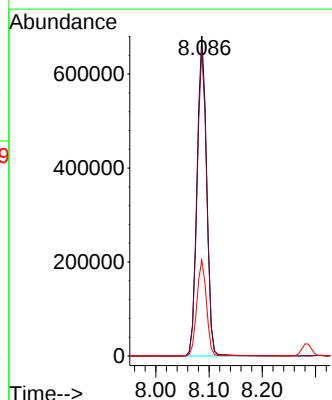
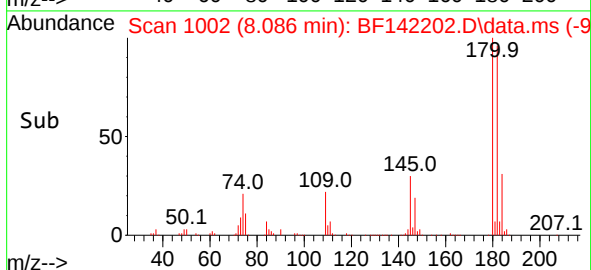
Tgt Ion:162 Resp: 719878
Ion Ratio Lower Upper
162 100
164 65.3 44.2 84.2
98 35.6 13.8 53.8

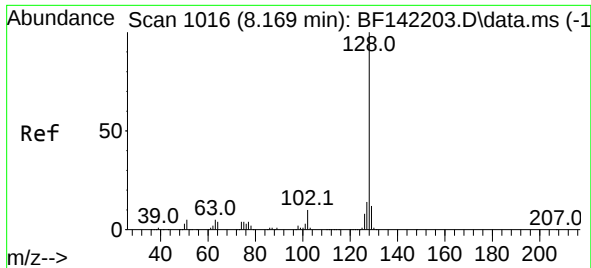


#30
1,2,4-Trichlorobenzene
Concen: 21.314 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37



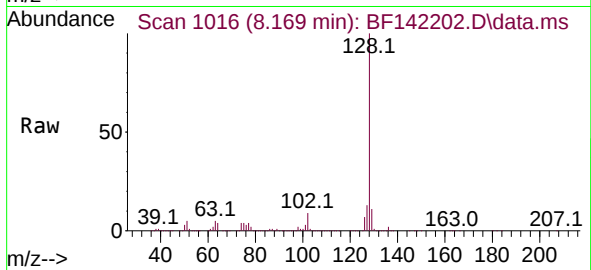
Tgt Ion:180 Resp: 851257
Ion Ratio Lower Upper
180 100
182 95.9 77.0 115.4
145 30.0 24.3 36.5



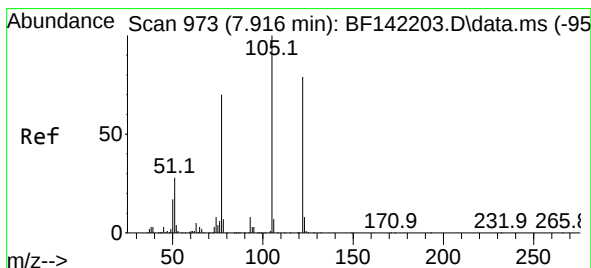
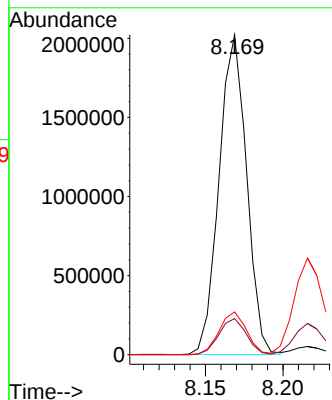
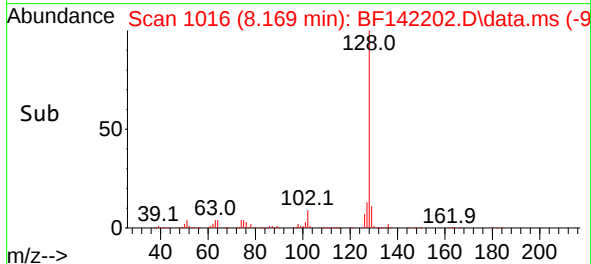


#31
Naphthalene
Concen: 22.659 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

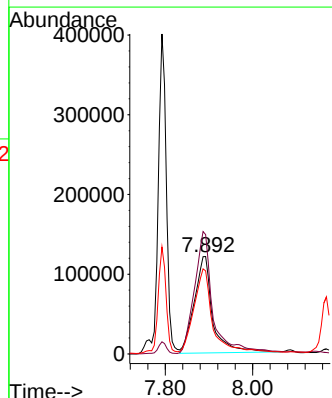
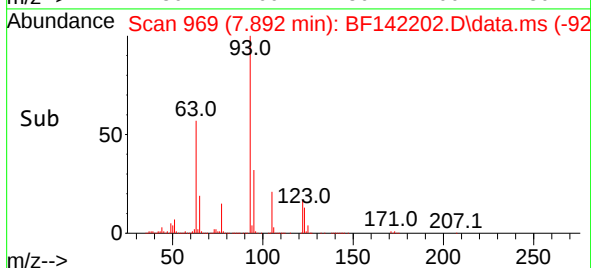
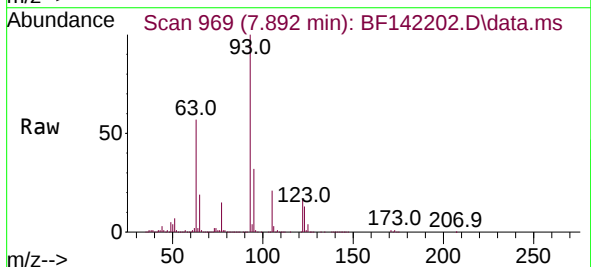


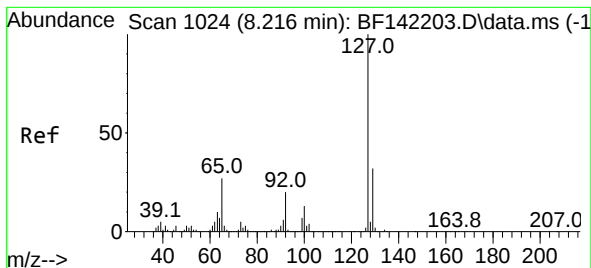
Tgt Ion:128 Resp: 2493078
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 19.928 ng
RT: 7.892 min Scan# 969
Delta R.T. -0.024 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:122 Resp: 353600
Ion Ratio Lower Upper
122 100
105 122.5 101.5 141.5
77 85.2 66.6 106.6





#33

4-Chloroaniline

Concen: 21.483 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 855844

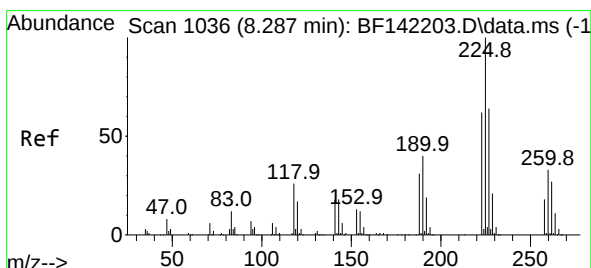
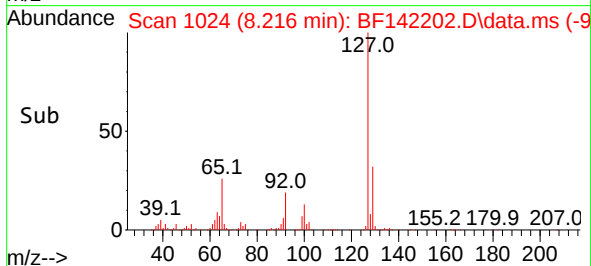
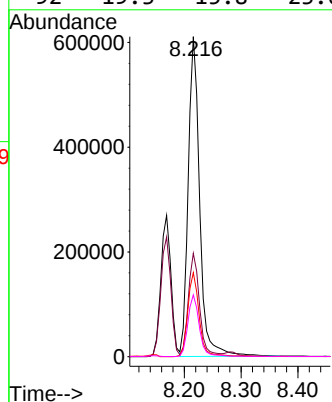
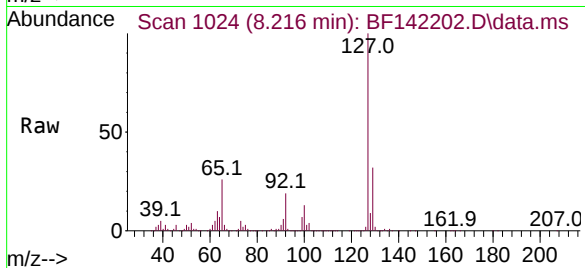
Ion Ratio Lower Upper

127 100

129 32.3 25.9 38.9

65 26.2 21.8 32.6

92 19.3 15.8 23.6



#34

Hexachlorobutadiene

Concen: 21.374 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

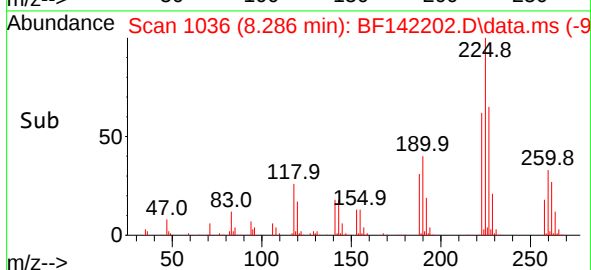
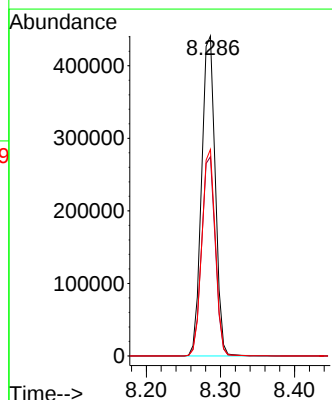
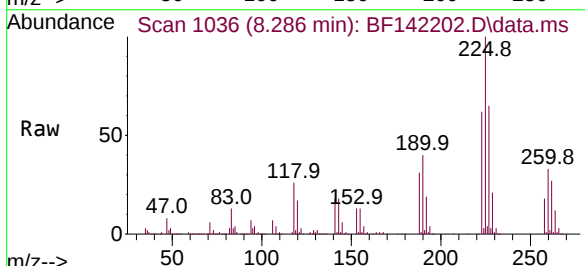
Tgt Ion:225 Resp: 563364

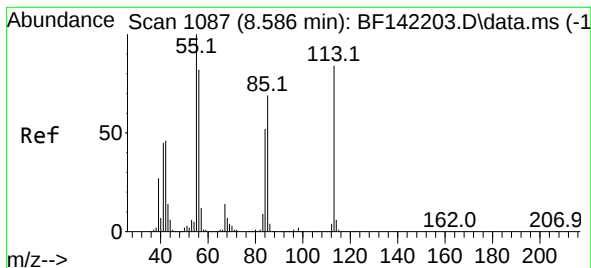
Ion Ratio Lower Upper

225 100

223 62.3 49.4 74.2

227 64.6 51.4 77.2





#35

Caprolactam

Concen: 20.709 ng

RT: 8.569 min Scan# 1108

Delta R.T. -0.018 min

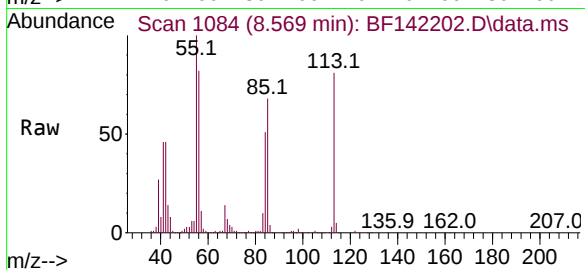
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :



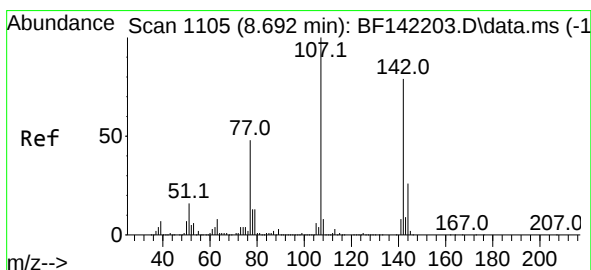
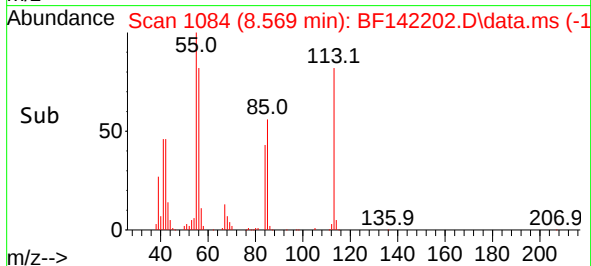
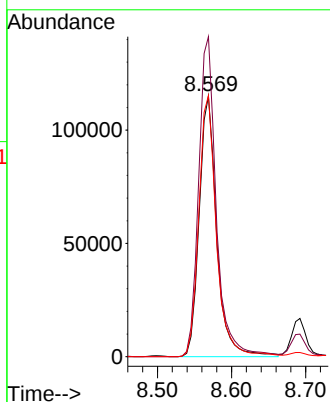
Tgt Ion:113 Resp: 188680

Ion Ratio Lower Upper

113 100

55 122.8 99.5 139.5

56 100.2 78.1 118.1



#36

4-Chloro-3-methylphenol

Concen: 20.832 ng

RT: 8.692 min Scan# 1105

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

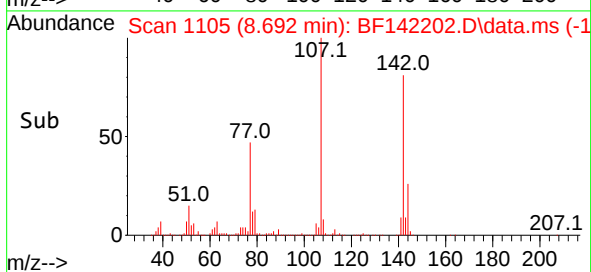
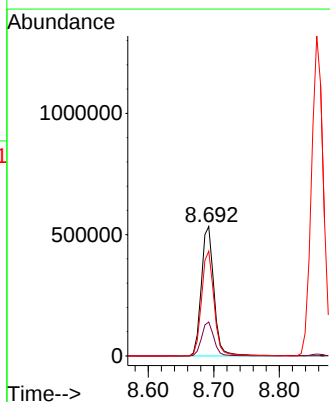
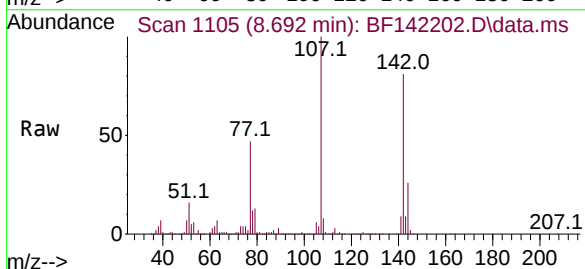
Tgt Ion:107 Resp: 716198

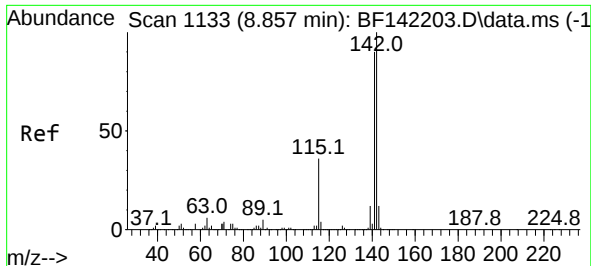
Ion Ratio Lower Upper

107 100

144 26.3 20.6 30.8

142 81.0 63.2 94.8





#37

2-Methylnaphthalene

Concen: 21.843 ng

RT: 8.857 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

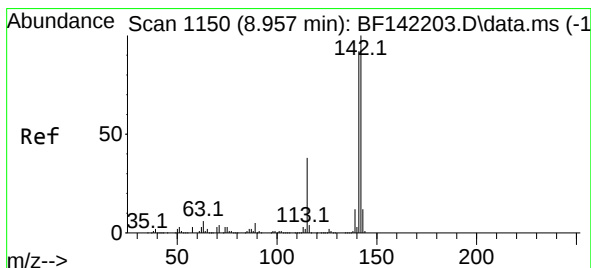
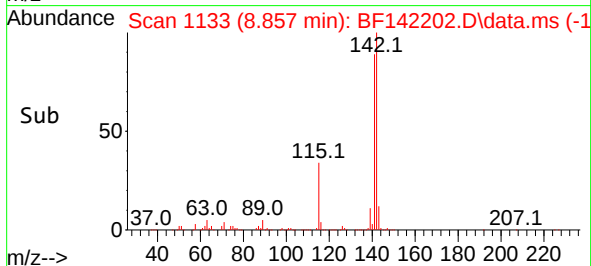
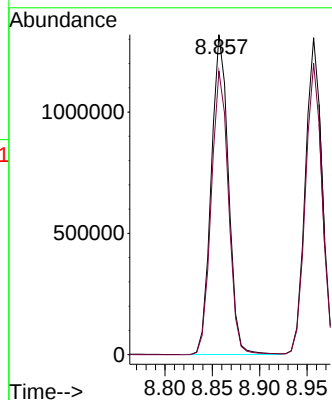
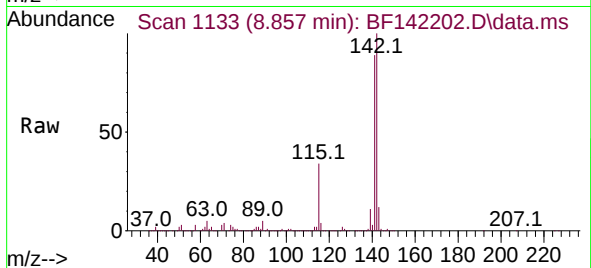
ClientSampleId :

Tgt Ion:142 Resp: 1660954

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9



#38

1-Methylnaphthalene

Concen: 21.578 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.000 min

Lab File: BF142202.D

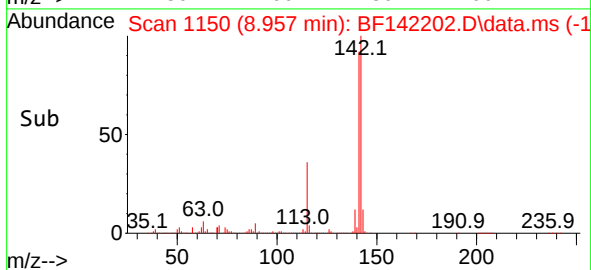
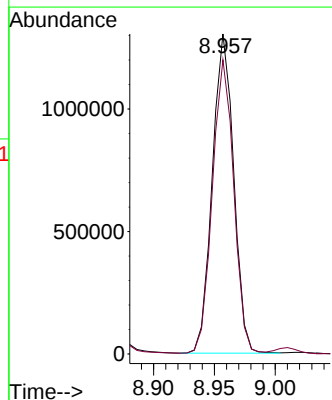
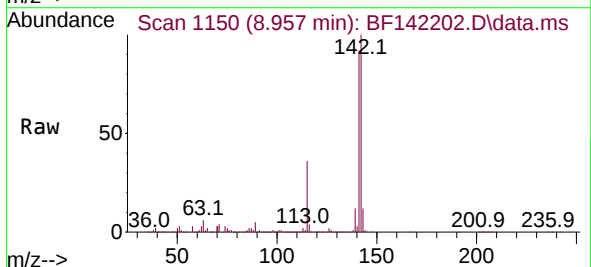
Acq: 21 Apr 2025 12:37

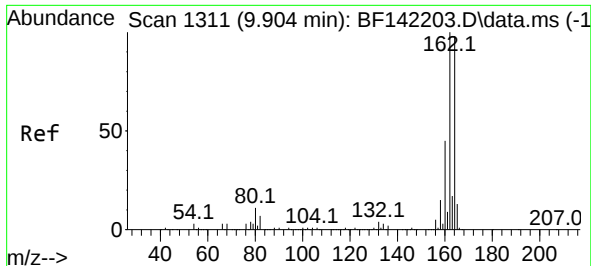
Tgt Ion:142 Resp: 1588611

Ion Ratio Lower Upper

142 100

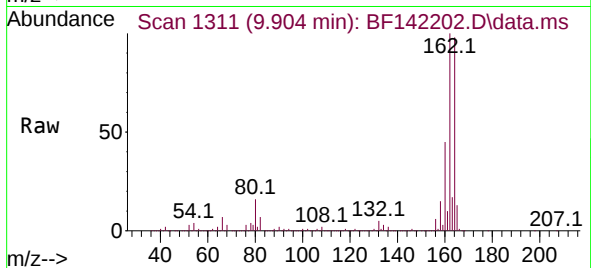
141 91.9 73.3 109.9



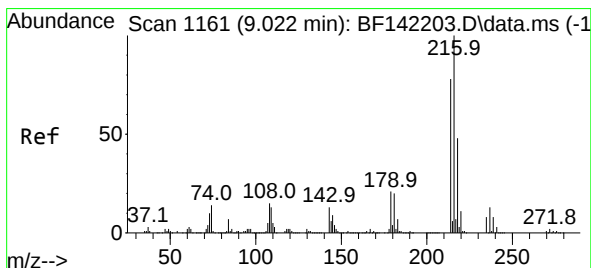
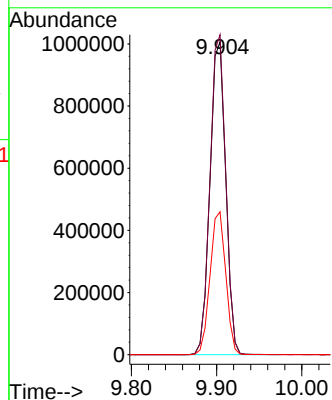
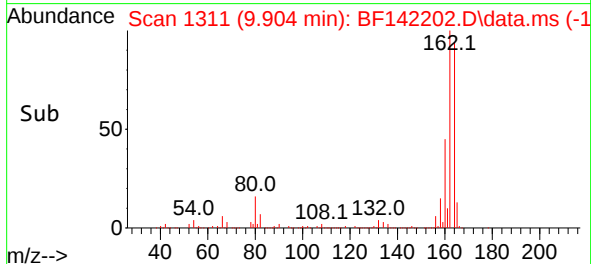


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

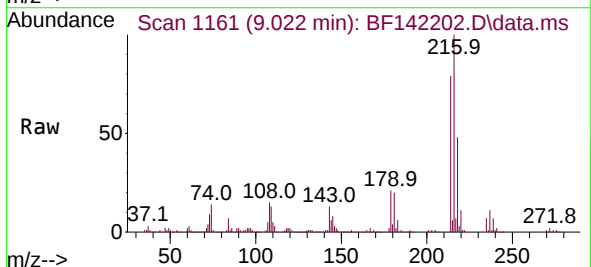
Instrument :
BNA_F
ClientSampleId :



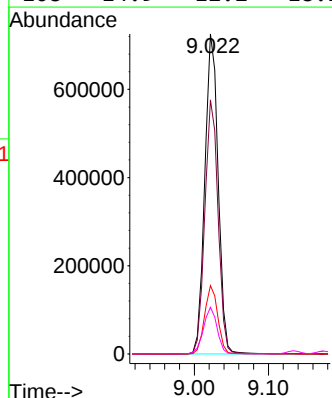
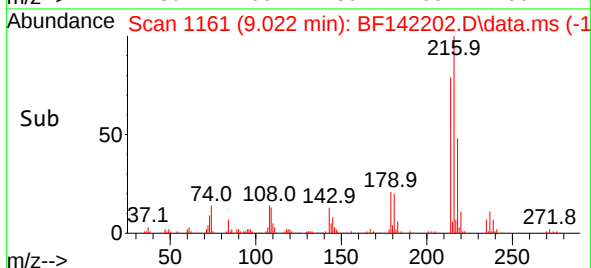
Tgt Ion:164 Resp: 1291636
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 45.7 36.8 55.2

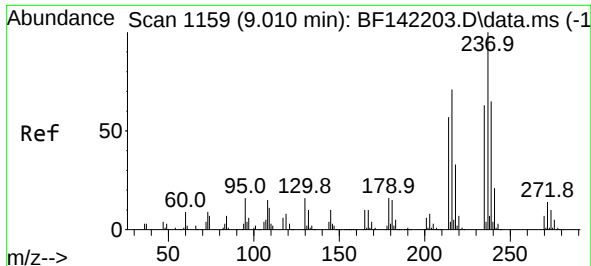


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.505 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37



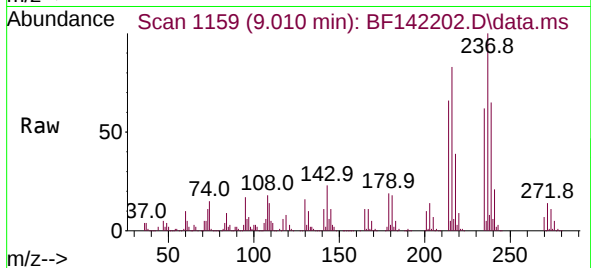
Tgt Ion:216 Resp: 908840
Ion Ratio Lower Upper
216 100
214 79.0 62.7 94.1
179 21.1 16.7 25.1
108 14.9 12.2 18.2



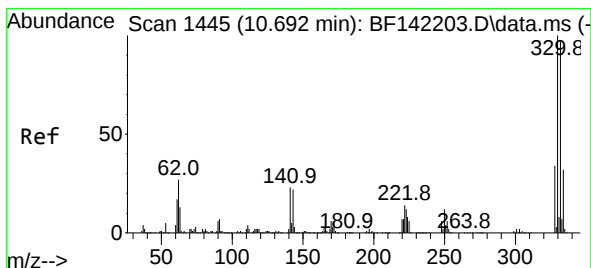
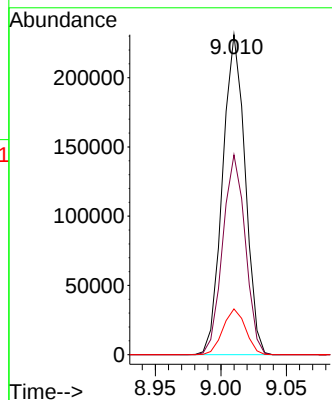
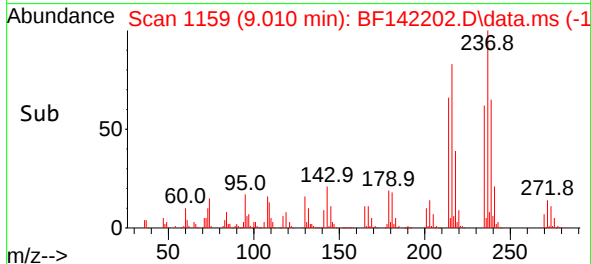


#41
Hexachlorocyclopentadiene
Concen: 21.299 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

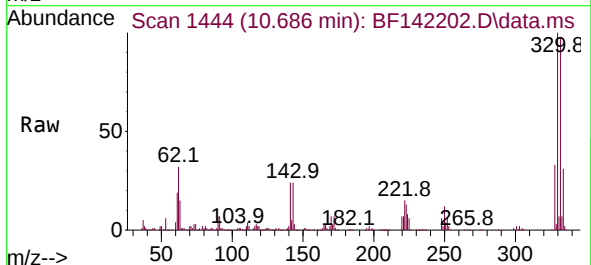
Instrument :
BNA_F
ClientSampleId :



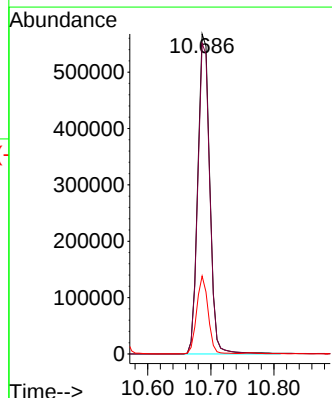
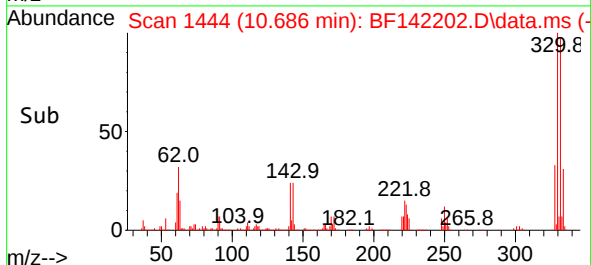
Tgt Ion:237 Resp: 276019
Ion Ratio Lower Upper
237 100
235 62.5 42.6 82.6
272 14.3 0.0 33.6

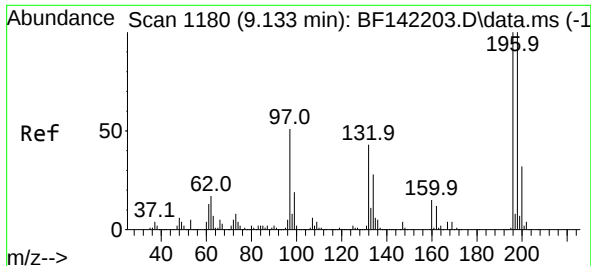


#42
2,4,6-Tribromophenol
Concen: 42.293 ng
RT: 10.686 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37



Tgt Ion:330 Resp: 746903
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 23.5 18.9 28.3

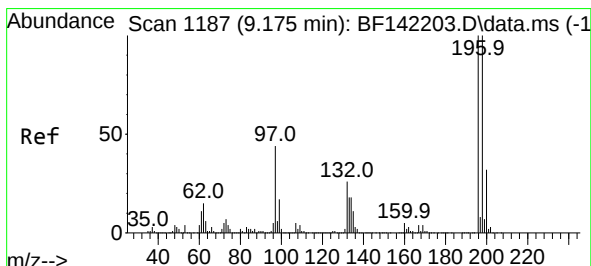
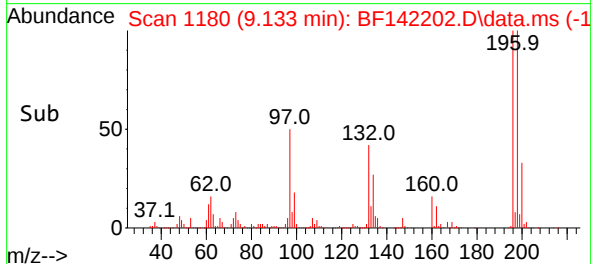
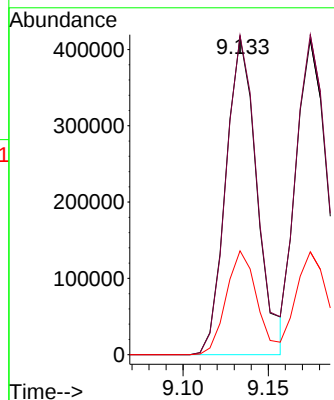
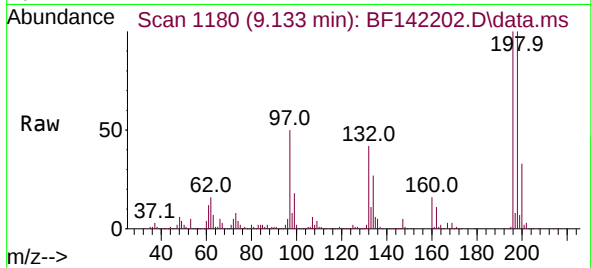




#43
2,4,6-Trichlorophenol
Concen: 21.410 ng
RT: 9.133 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

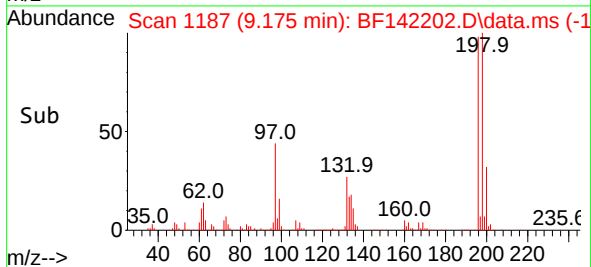
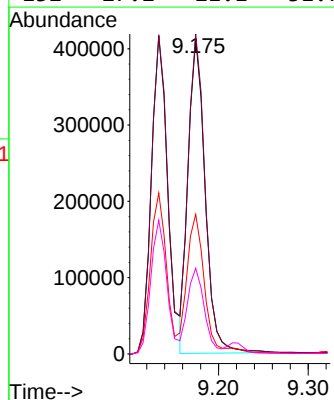
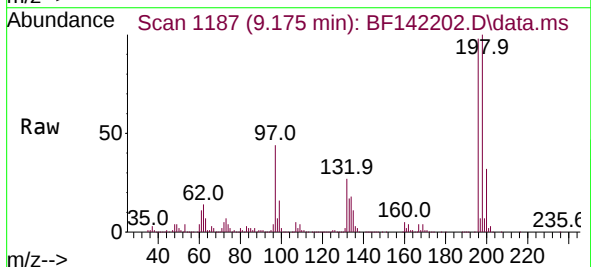
Instrument :
BNA_F
ClientSampleId :

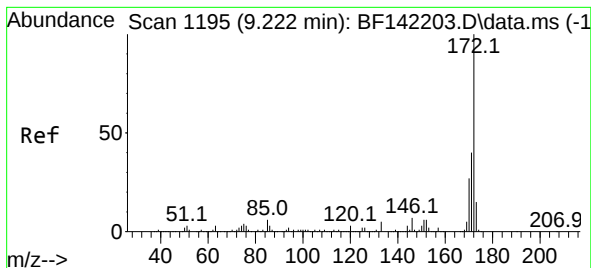
Tgt Ion:196 Resp: 528275
Ion Ratio Lower Upper
196 100
198 100.4 80.0 120.0
200 32.7 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 20.651 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:196 Resp: 546169
Ion Ratio Lower Upper
196 100
198 101.6 80.0 120.0
97 44.3 35.9 53.9
132 27.2 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 44.723 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.000 min

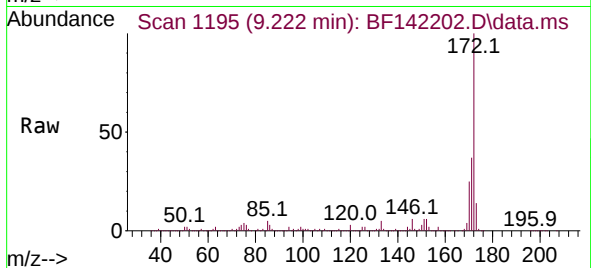
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :



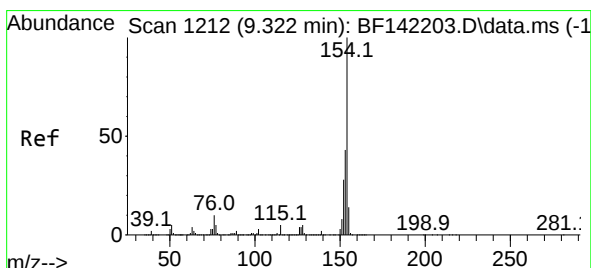
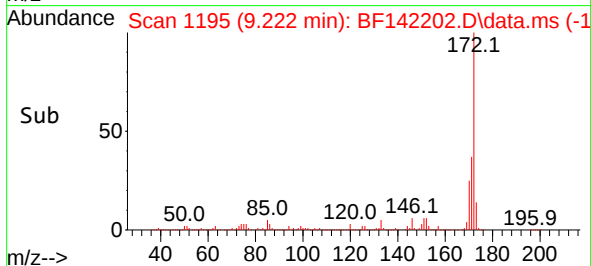
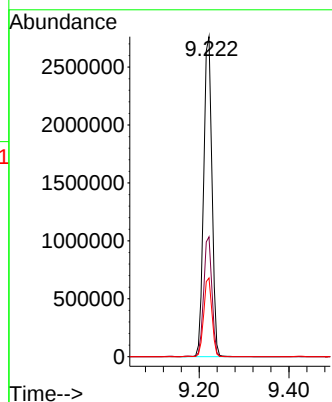
Tgt Ion:172 Resp: 3544073

Ion Ratio Lower Upper

172 100

171 37.4 32.1 48.1

170 24.6 21.4 32.0



#46

1,1'-Biphenyl

Concen: 22.537 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

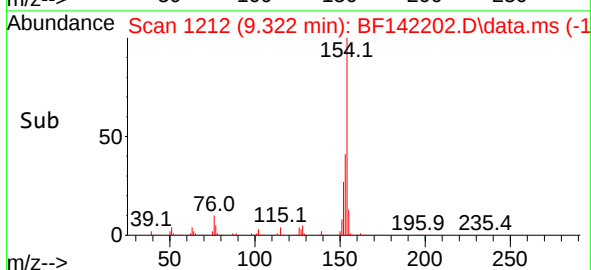
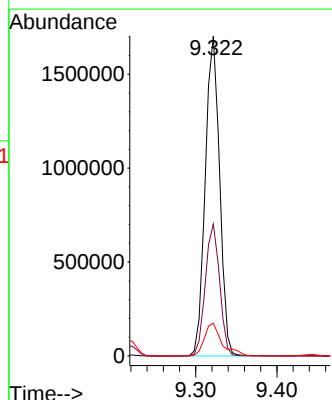
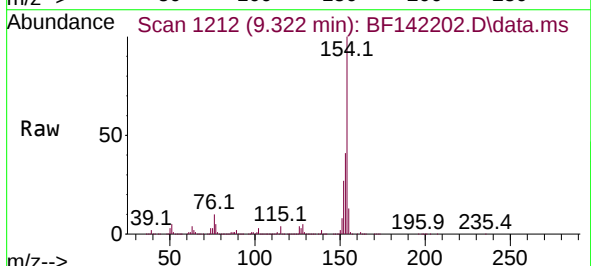
Tgt Ion:154 Resp: 2087411

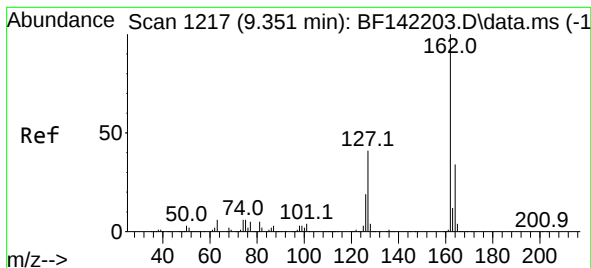
Ion Ratio Lower Upper

154 100

153 41.3 22.5 62.5

76 10.3 0.0 30.4





#47

2-Chloronaphthalene

Concen: 22.054 ng

RT: 9.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

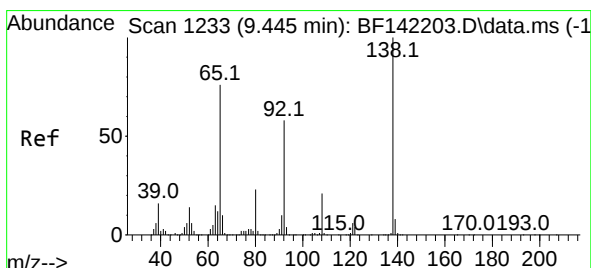
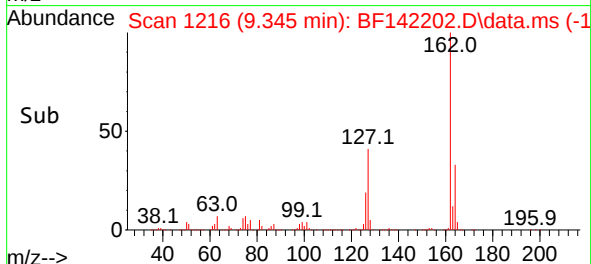
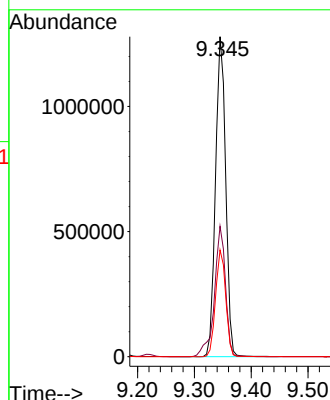
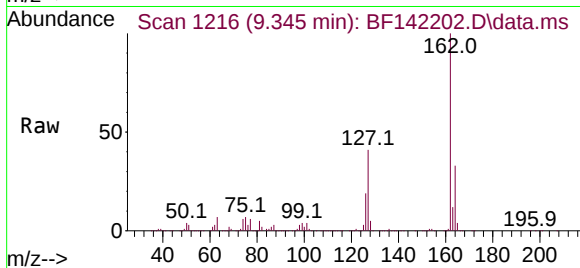
Tgt Ion:162 Resp: 1585509

Ion Ratio Lower Upper

162 100

127 40.7 33.1 49.7

164 33.3 27.1 40.7



#48

2-Nitroaniline

Concen: 21.623 ng

RT: 9.439 min Scan# 1232

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

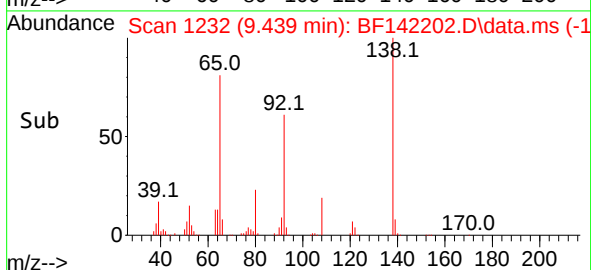
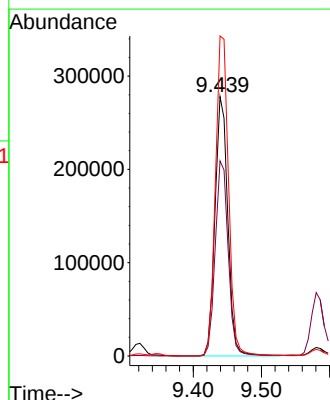
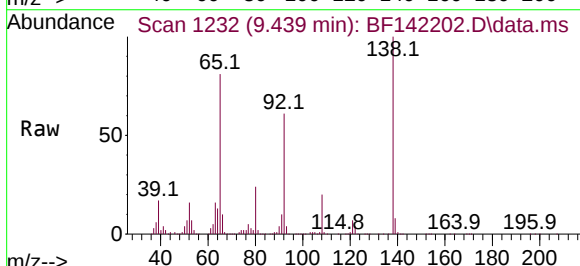
Tgt Ion: 65 Resp: 364382

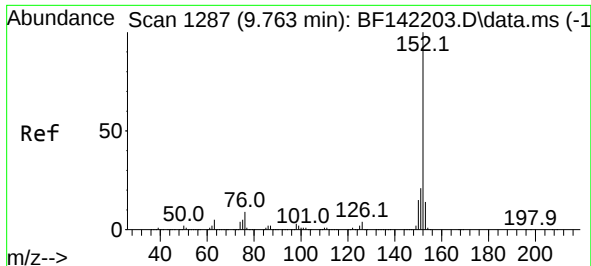
Ion Ratio Lower Upper

65 100

92 75.2 61.4 92.0

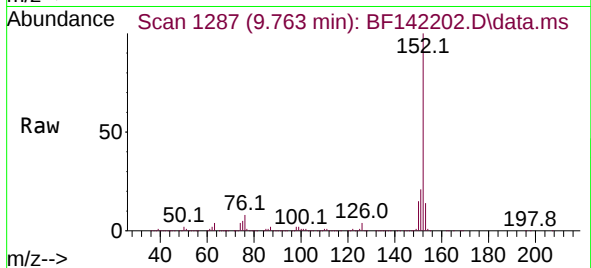
138 123.4 105.8 158.6



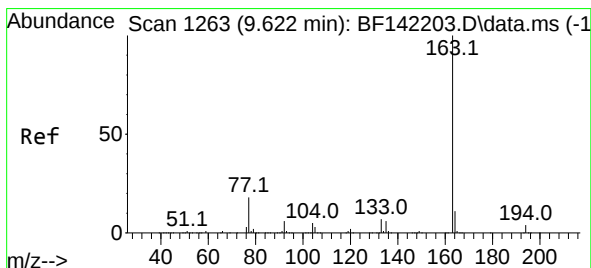
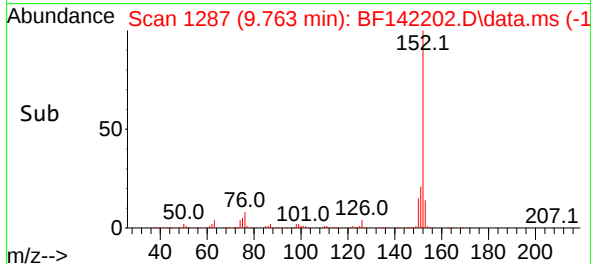
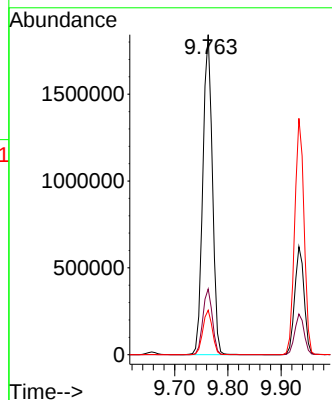


#49
Acenaphthylene
Concen: 22.515 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

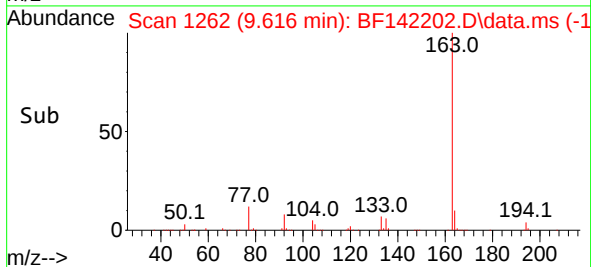
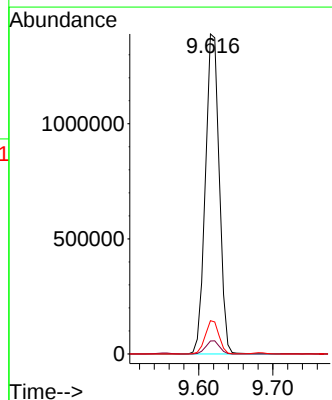
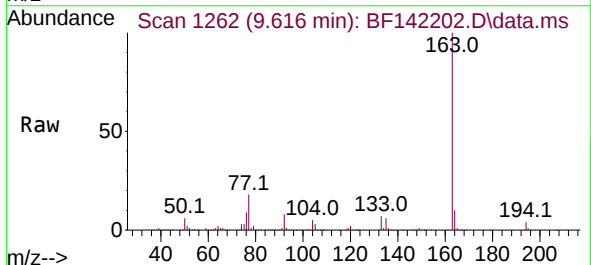


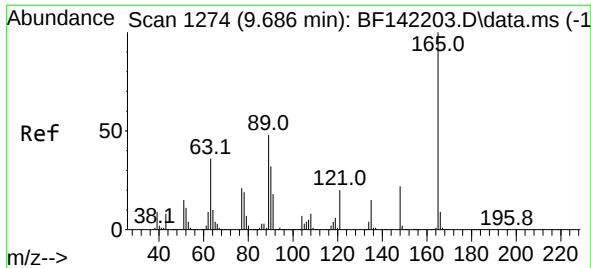
Tgt Ion:152 Resp: 2287951
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.9 11.6 17.4



#50
Dimethylphthalate
Concen: 21.846 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:163 Resp: 1809172
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.6 12.8

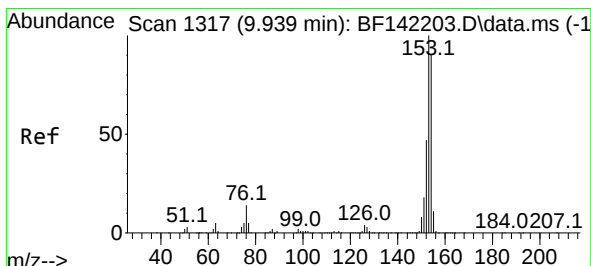
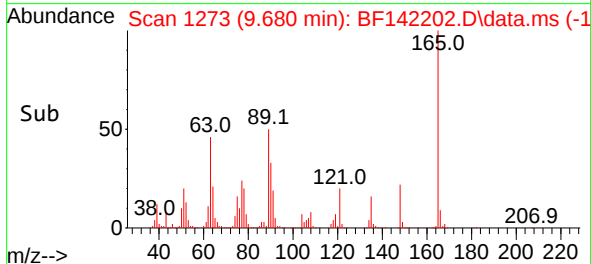
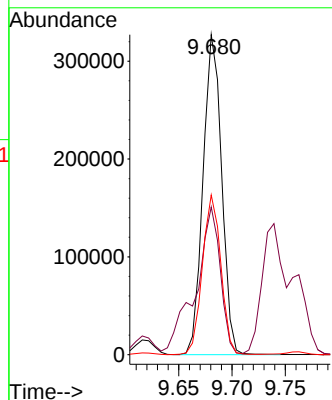
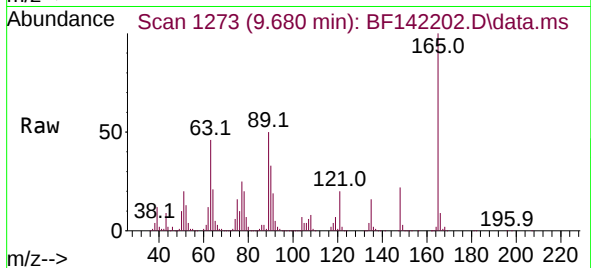




#51
2,6-Dinitrotoluene
Concen: 21.444 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

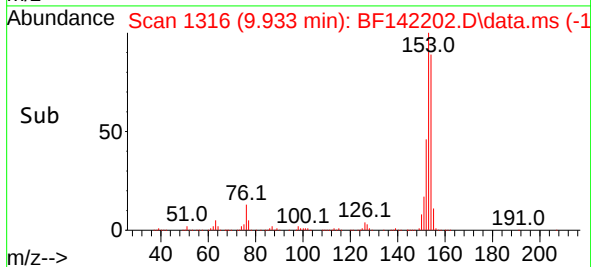
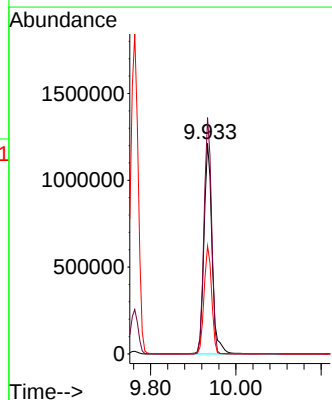
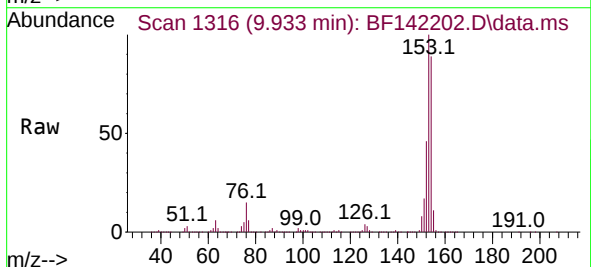
Instrument :
BNA_F
ClientSampleId :

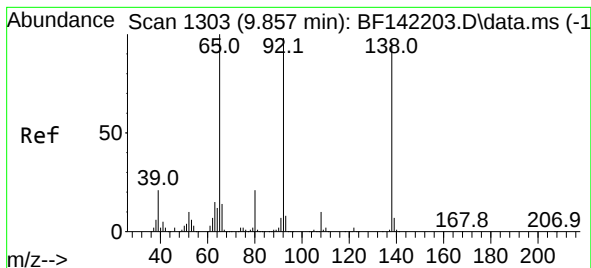
Tgt Ion:165 Resp: 398717
Ion Ratio Lower Upper
165 100
63 46.1 35.4 53.2
89 49.9 38.6 58.0



#52
Acenaphthene
Concen: 21.757 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:154 Resp: 1593221
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.4
152 51.3 41.8 62.8





#53

3-Nitroaniline

Concen: 21.556 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

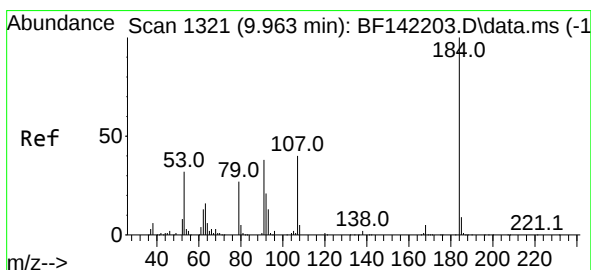
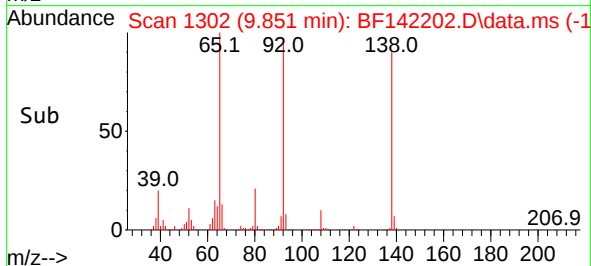
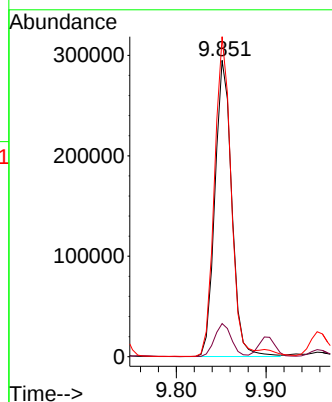
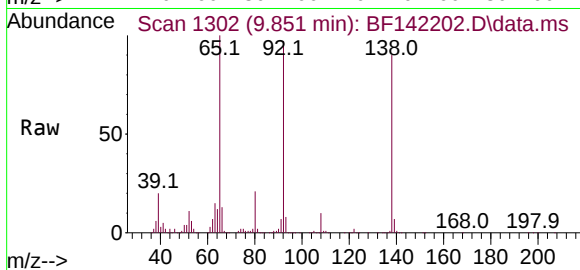
Tgt Ion:138 Resp: 384023

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

92 108.0 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 18.556 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

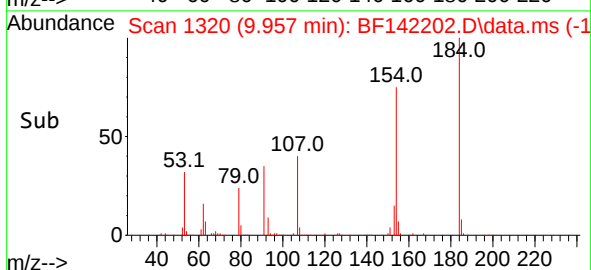
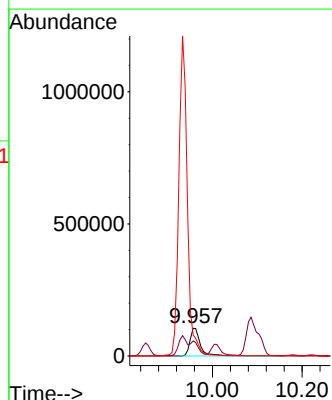
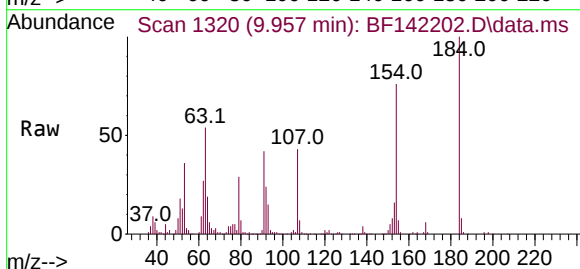
Tgt Ion:184 Resp: 168982

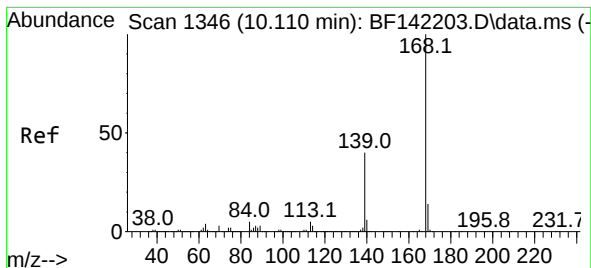
Ion Ratio Lower Upper

184 100

63 54.3 39.0 58.4

154 75.9 52.2 78.4





#55

Dibenzofuran

Concen: 22.497 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

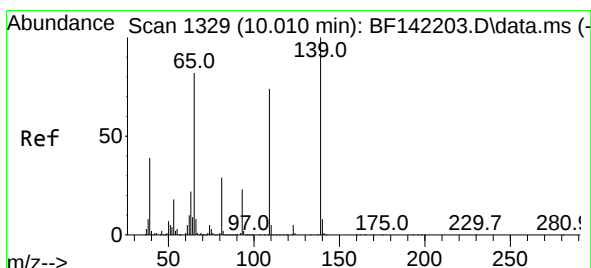
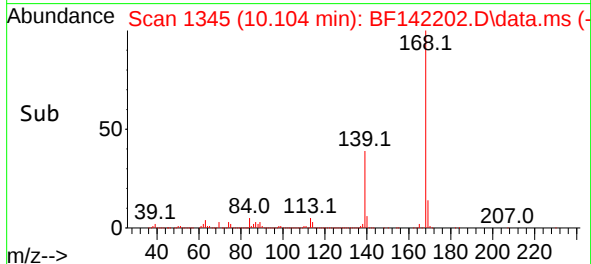
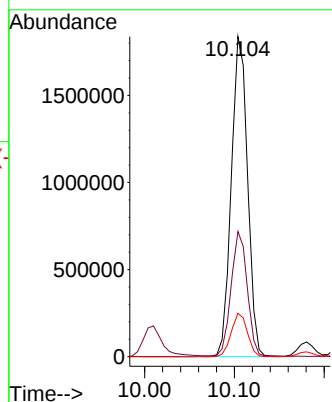
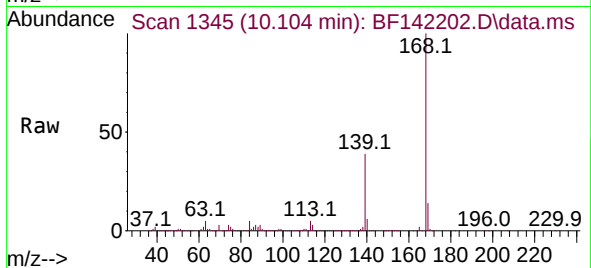
Tgt Ion:168 Resp: 2309529

Ion Ratio Lower Upper

168 100

139 39.1 32.3 48.5

169 13.6 11.4 17.0



#56

4-Nitrophenol

Concen: 20.421 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

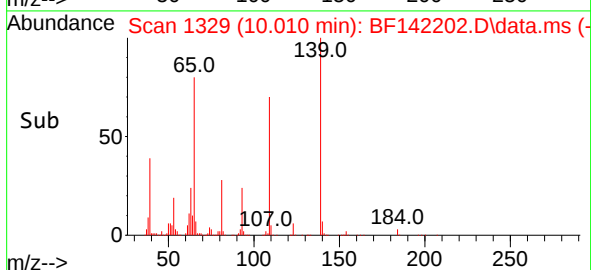
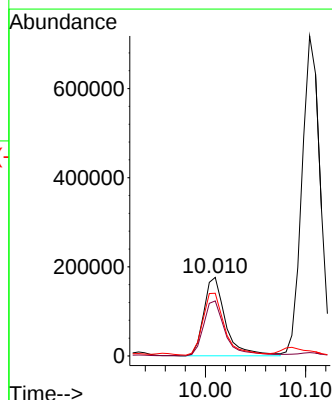
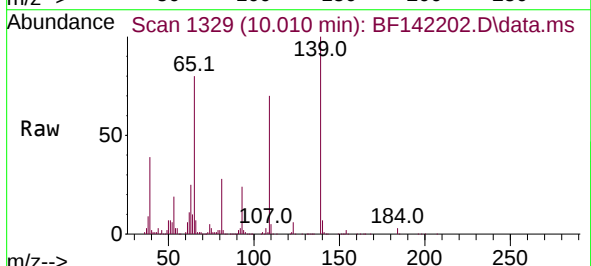
Tgt Ion:139 Resp: 266124

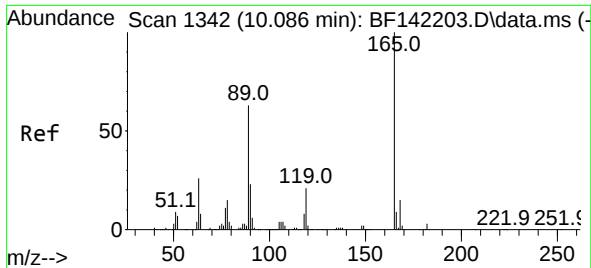
Ion Ratio Lower Upper

139 100

109 70.0 54.1 94.1

65 79.9 62.1 102.1

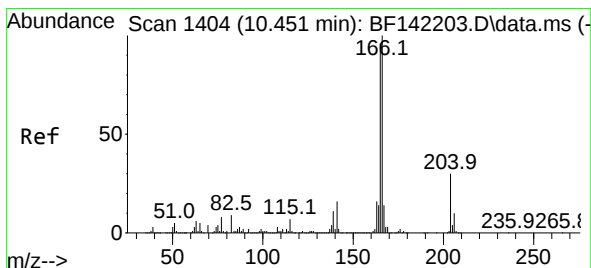
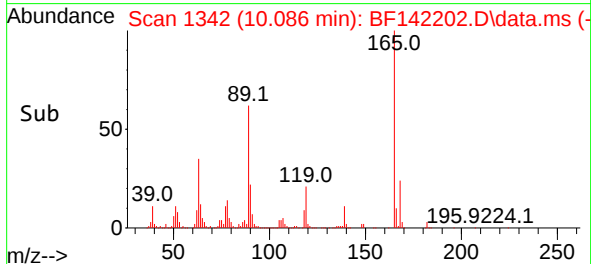
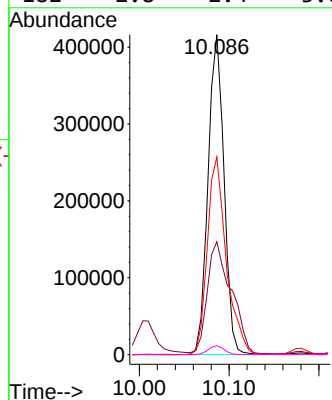
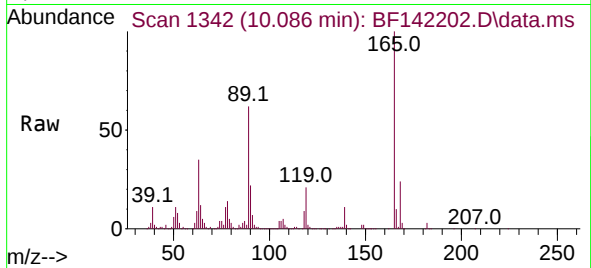




#57
2,4-Dinitrotoluene
Concen: 21.398 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

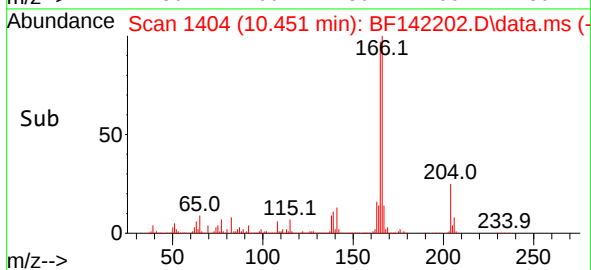
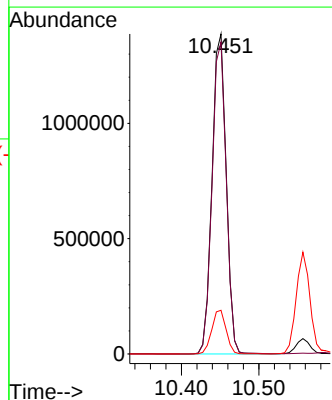
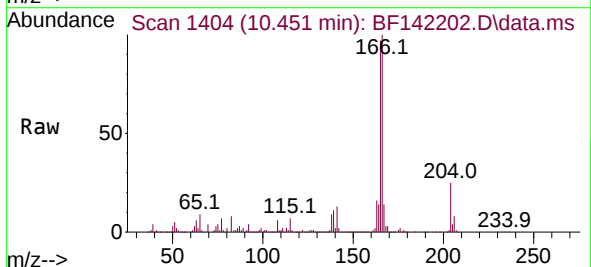
Instrument :
BNA_F
ClientSampleId :

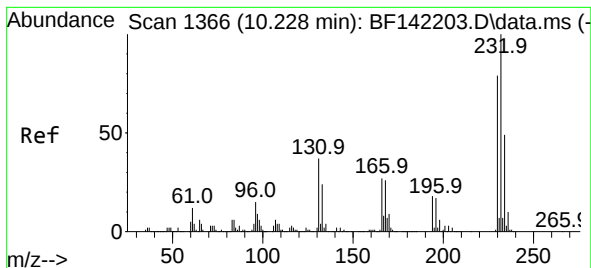
Tgt Ion:165 Resp: 513857
Ion Ratio Lower Upper
165 100
63 35.3 29.0 43.6
89 61.8 50.1 75.1
182 2.8 2.4 3.6



#58
Fluorene
Concen: 22.161 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

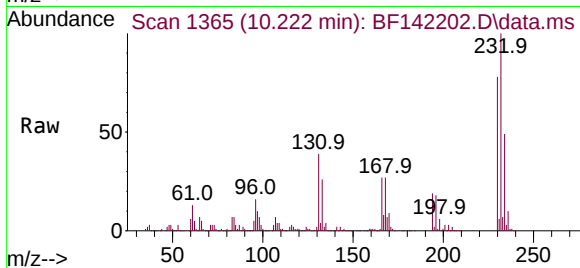
Tgt Ion:166 Resp: 1759870
Ion Ratio Lower Upper
166 100
165 97.5 77.1 115.7
167 13.7 11.0 16.4



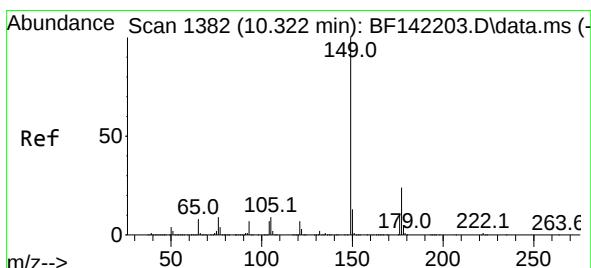
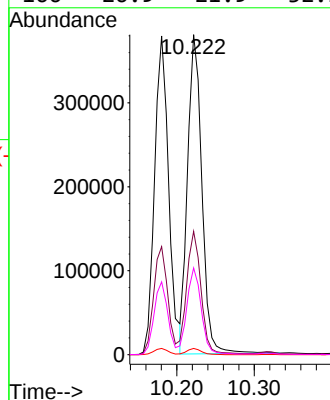
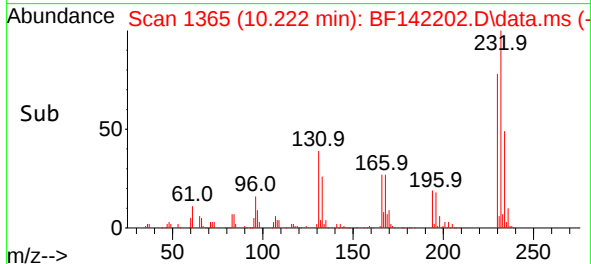


#59
2,3,4,6-Tetrachlorophenol
Concen: 20.650 ng
RT: 10.222 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

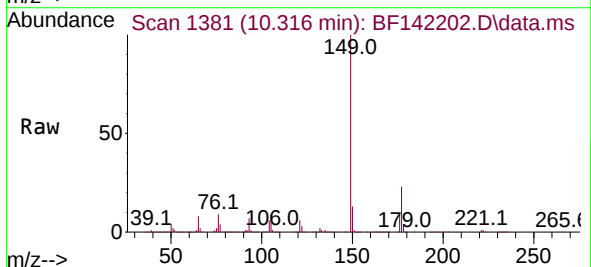
Instrument :
BNA_F
ClientSampleId :



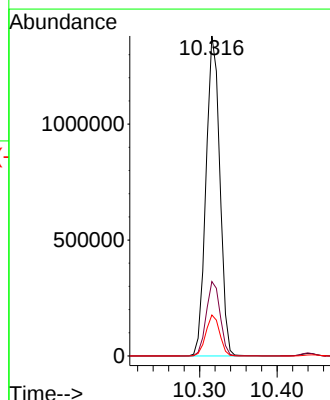
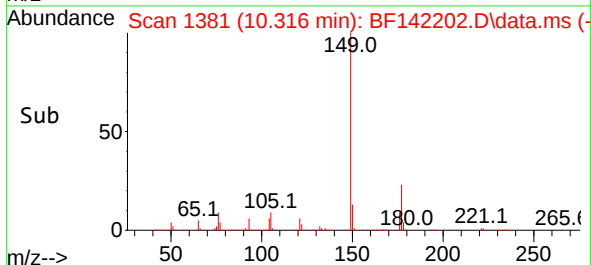
Tgt Ion:232 Resp: 488257
Ion Ratio Lower Upper
232 100
131 39.2 31.9 47.9
130 2.0 1.6 2.4
166 26.9 21.9 32.9

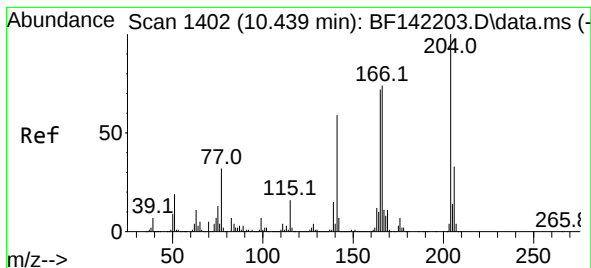


#60
Diethylphthalate
Concen: 22.159 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37



Tgt Ion:149 Resp: 1713553
Ion Ratio Lower Upper
149 100
177 23.2 19.6 29.4
150 12.8 10.6 15.8

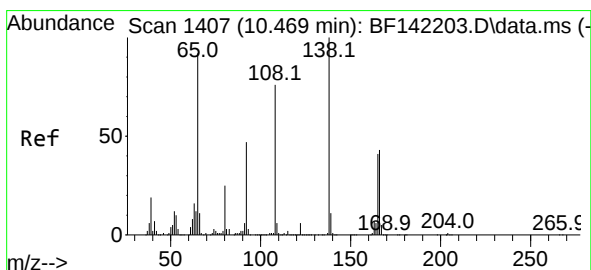
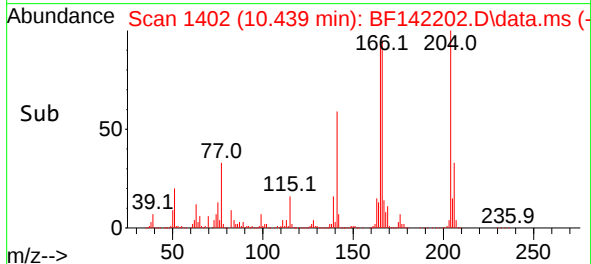
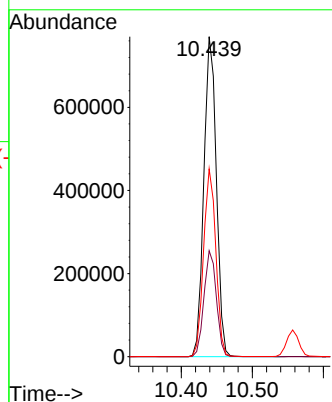
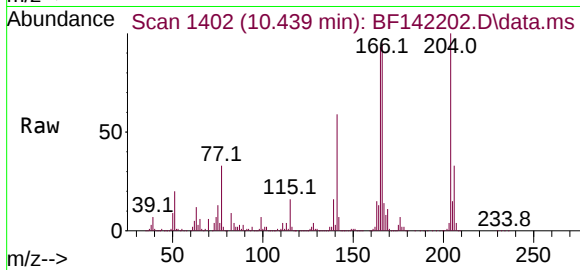




#61
4-Chlorophenyl-phenylether
Concen: 21.586 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

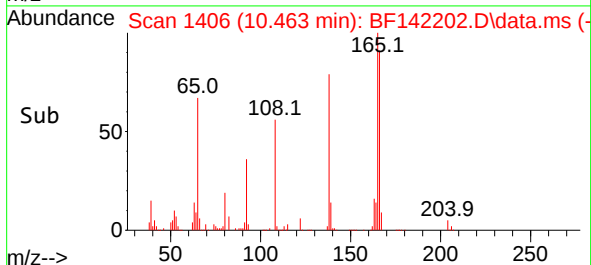
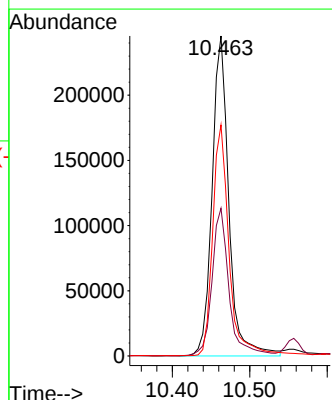
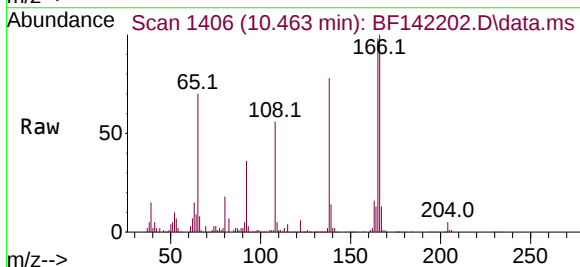
Instrument :
BNA_F
ClientSampleId :

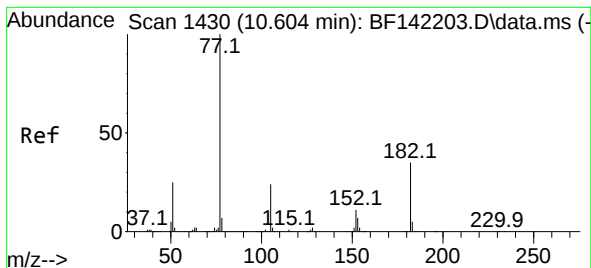
Tgt Ion:204 Resp: 943863
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 58.7 47.0 70.6



#62
4-Nitroaniline
Concen: 21.787 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:138 Resp: 368930
Ion Ratio Lower Upper
138 100
92 46.1 26.7 66.7
108 72.2 56.5 96.5





#63

Azobenzene

Concen: 21.855 ng

RT: 10.598 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1471635

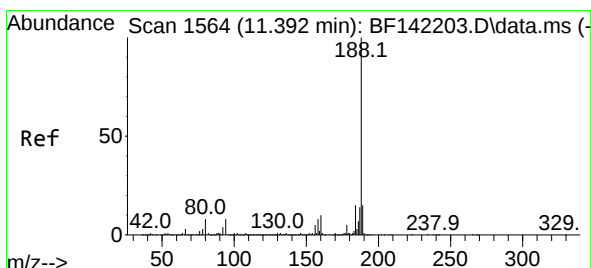
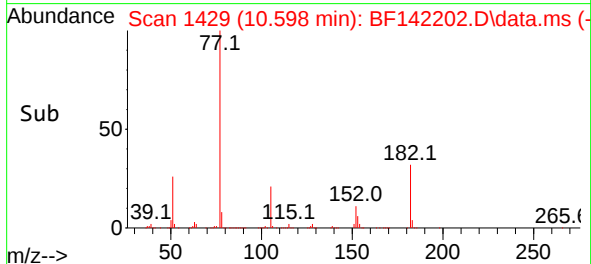
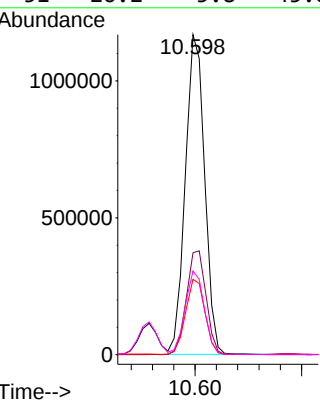
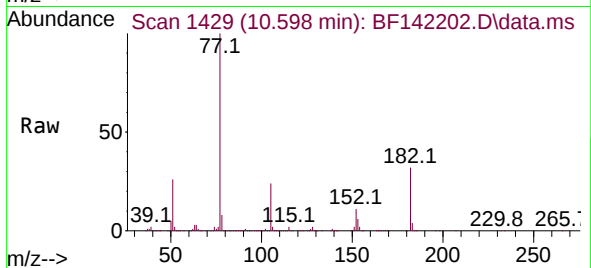
Ion Ratio Lower Upper

77 100

182 31.8 14.8 54.8

105 23.6 4.0 44.0

51 26.2 5.8 45.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1563

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

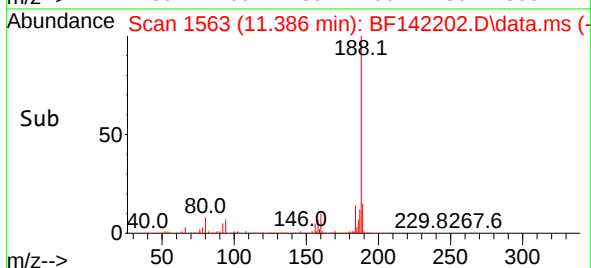
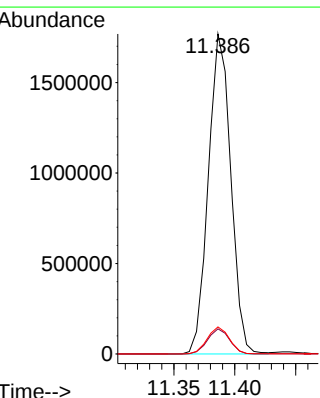
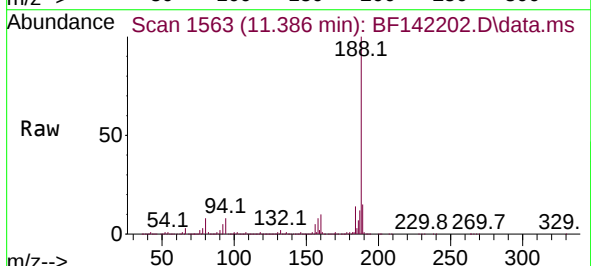
Tgt Ion:188 Resp: 2269904

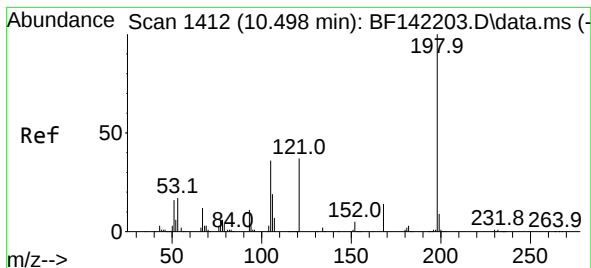
Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

80 8.4 6.7 10.1

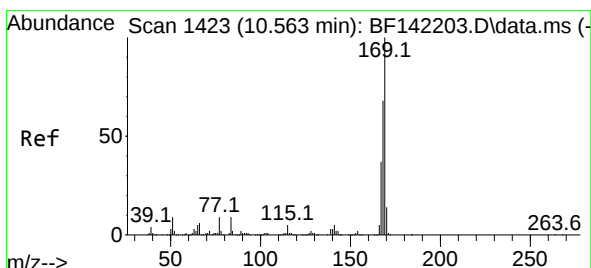
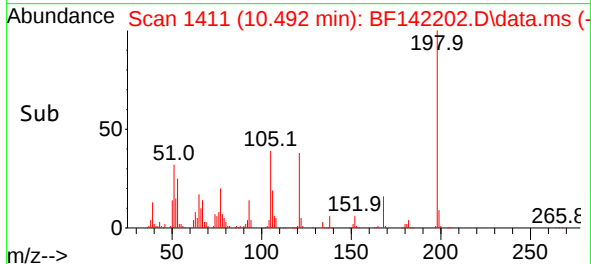
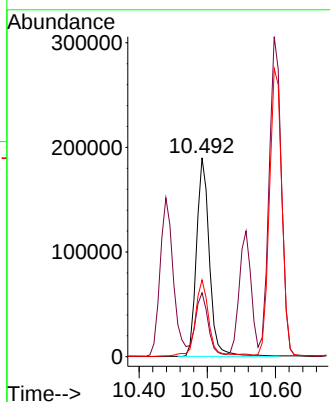
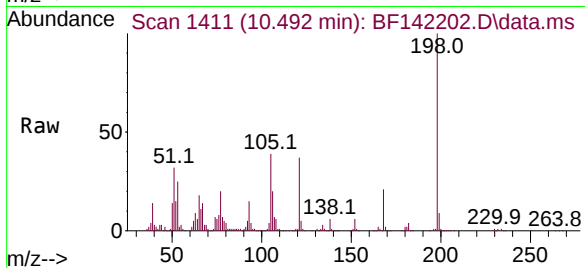




#65
4,6-Dinitro-2-methylphenol
Concen: 18.786 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

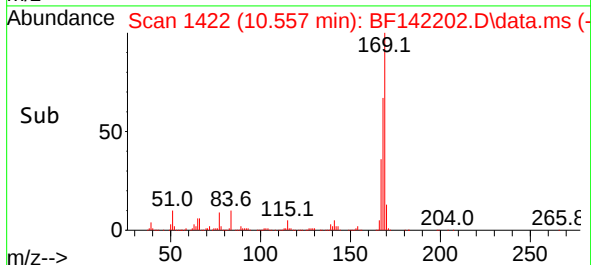
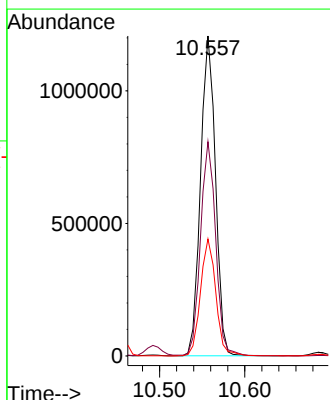
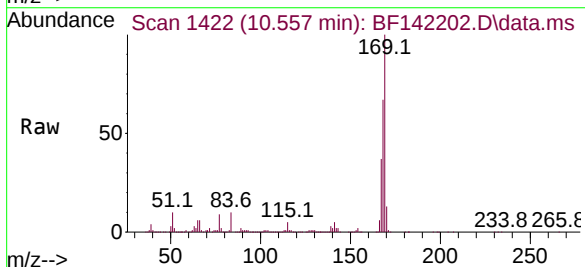
Instrument :
BNA_F
ClientSampleId :

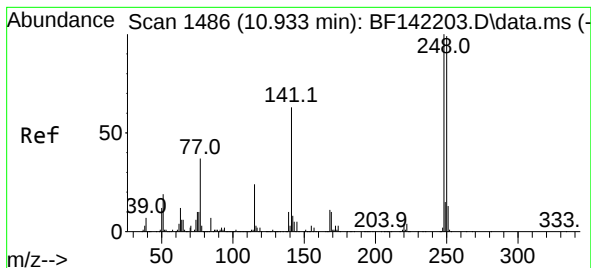
Tgt Ion:198 Resp: 248916
Ion Ratio Lower Upper
198 100
51 32.1 10.2 50.2
105 38.6 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 21.135 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:169 Resp: 1470323
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.5 29.4 44.2

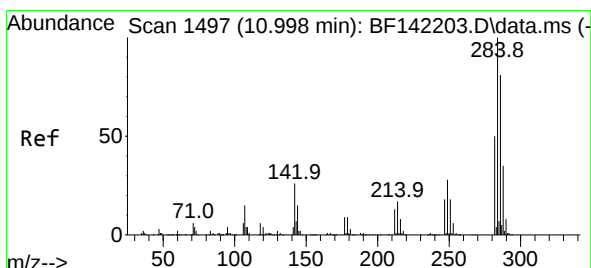
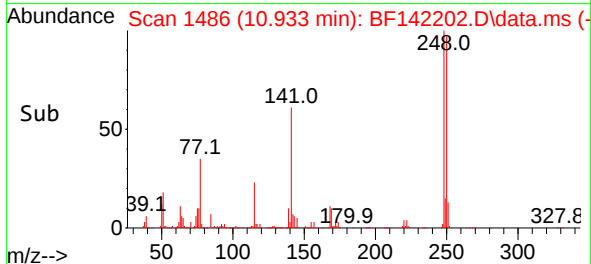
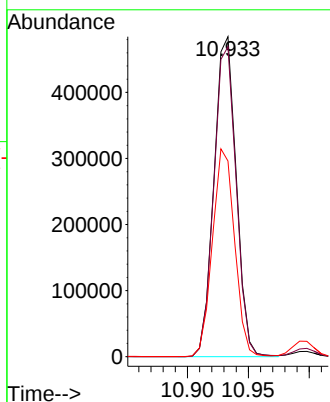
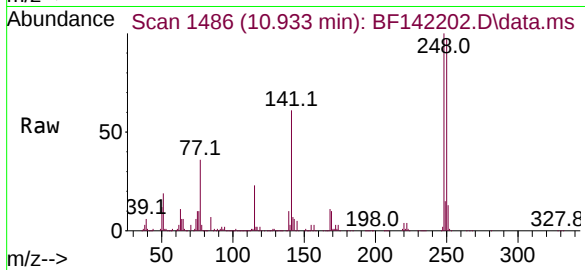




#67
4-Bromophenyl-phenylether
Concen: 20.711 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

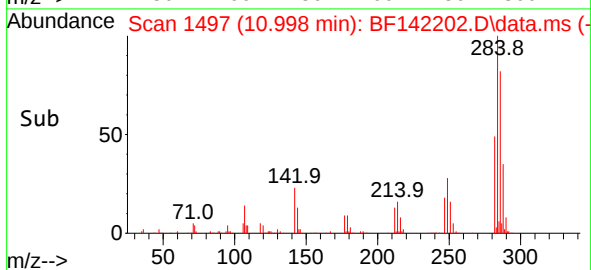
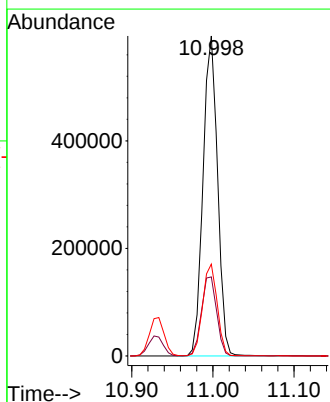
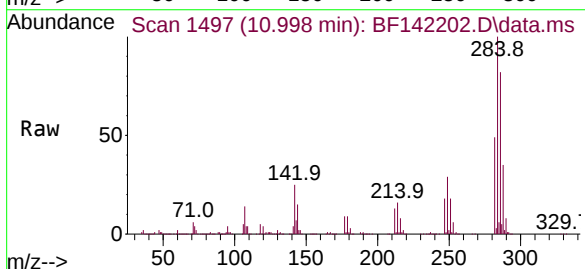
Instrument :
BNA_F
ClientSampleId :

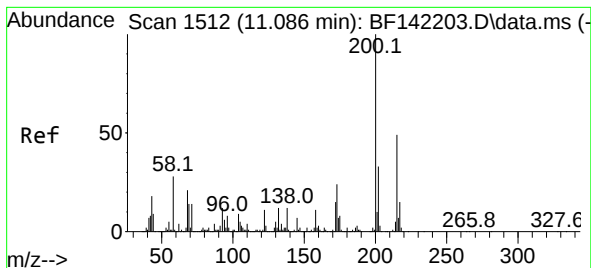
Tgt Ion:248 Resp: 618266
Ion Ratio Lower Upper
248 100
250 96.9 78.8 118.2
141 61.2 50.6 75.8



#68
Hexachlorobenzene
Concen: 20.828 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:284 Resp: 739929
Ion Ratio Lower Upper
284 100
142 24.7 20.7 31.1
249 28.7 22.8 34.2





#69

Atrazine

Concen: 18.464 ng

RT: 11.080 min Scan# 11

Delta R.T. -0.006 min

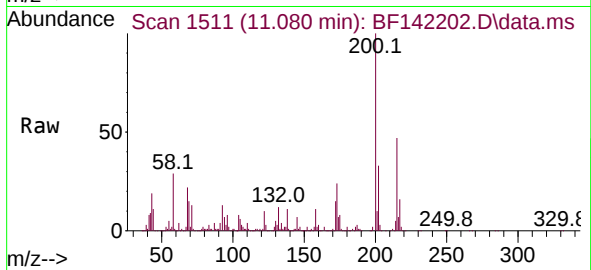
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :



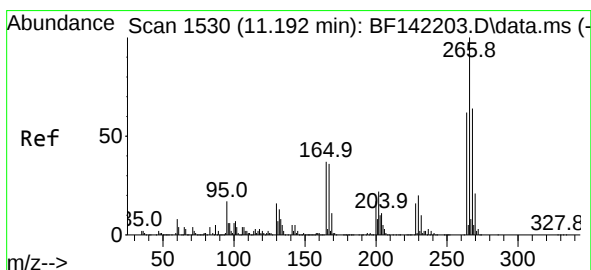
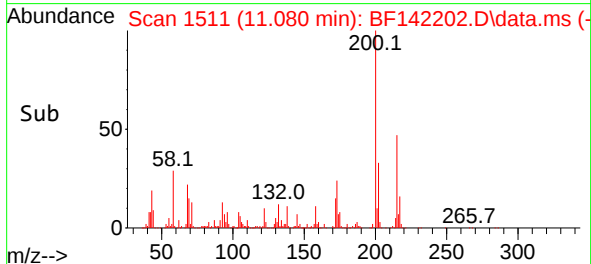
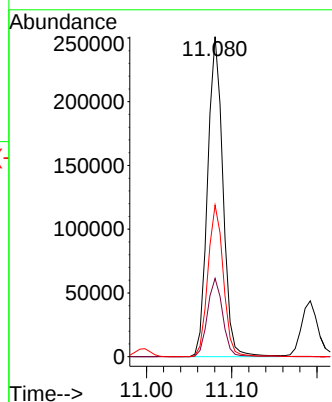
Tgt Ion:200 Resp: 313464

Ion Ratio Lower Upper

200 100

173 24.5 4.4 44.4

215 47.4 28.6 68.6



#70

Pentachlorophenol

Concen: 20.703 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

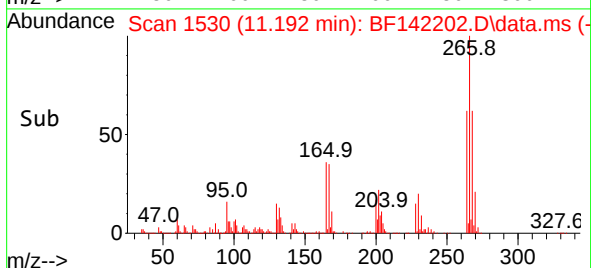
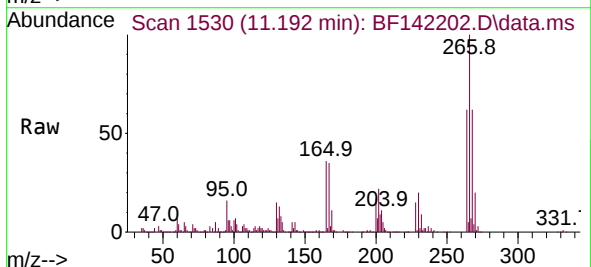
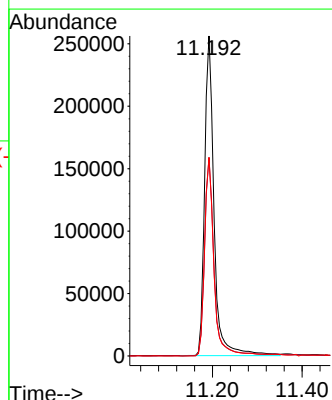
Tgt Ion:266 Resp: 375192

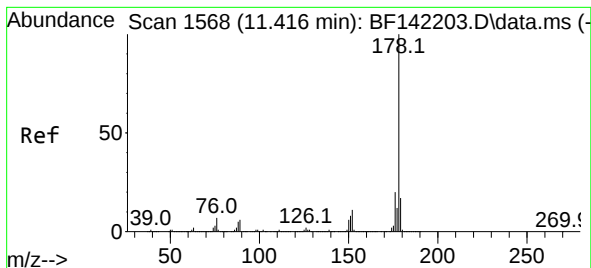
Ion Ratio Lower Upper

266 100

268 62.0 50.9 76.3

264 62.0 49.4 74.2





#71

Phenanthrene

Concen: 22.347 ng

RT: 11.410 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

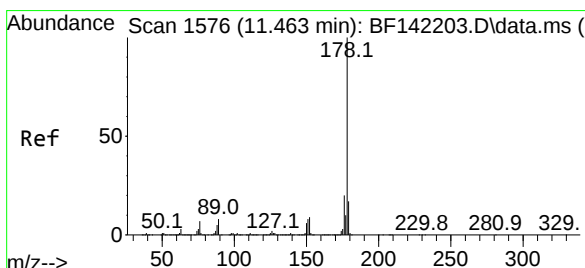
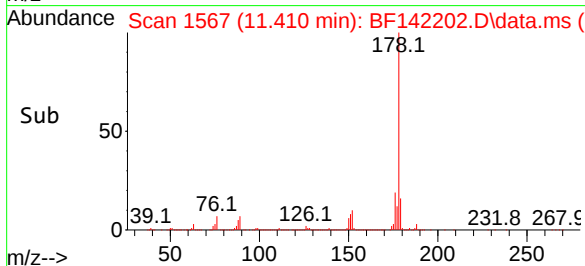
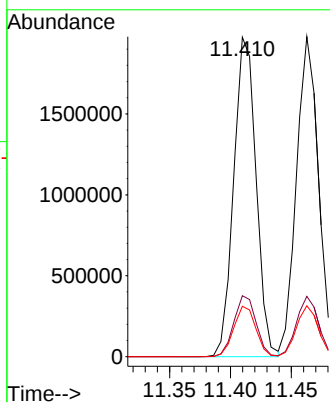
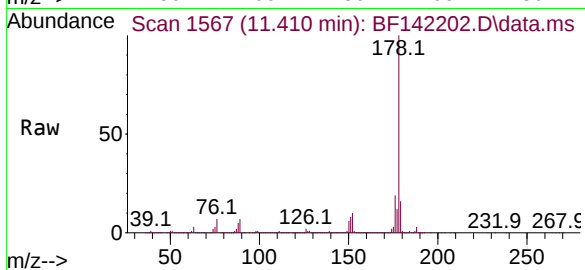
Tgt Ion:178 Resp: 2519024

Ion Ratio Lower Upper

178 100

176 19.1 16.3 24.5

179 15.8 13.3 19.9



#72

Anthracene

Concen: 22.233 ng

RT: 11.463 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

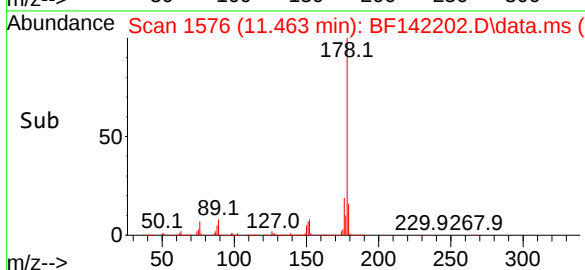
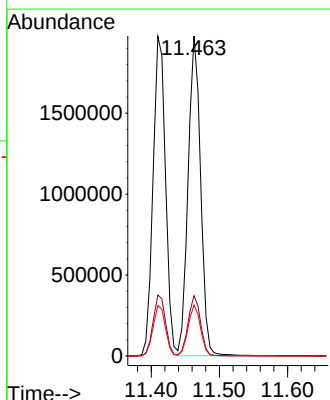
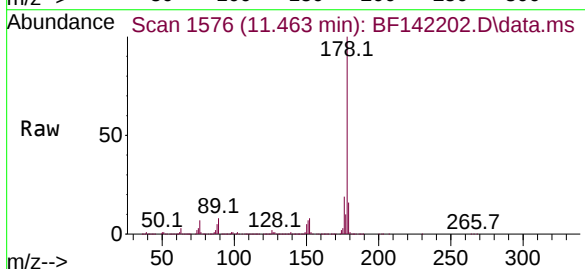
Tgt Ion:178 Resp: 2505882

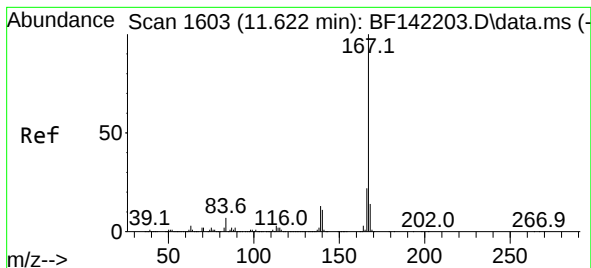
Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

179 15.9 13.4 20.0





#73

Carbazole

Concen: 22.130 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

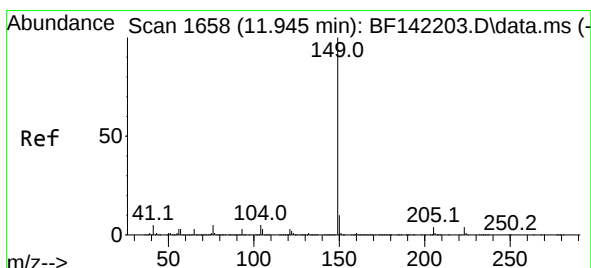
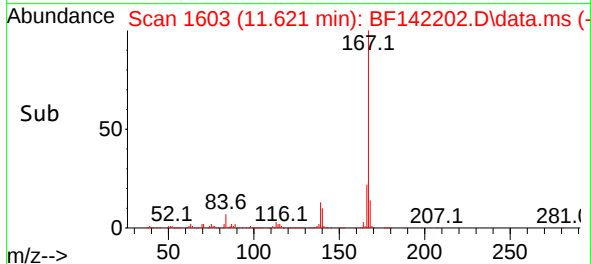
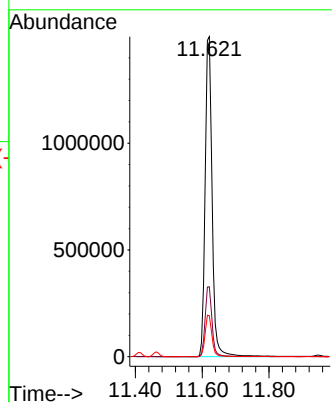
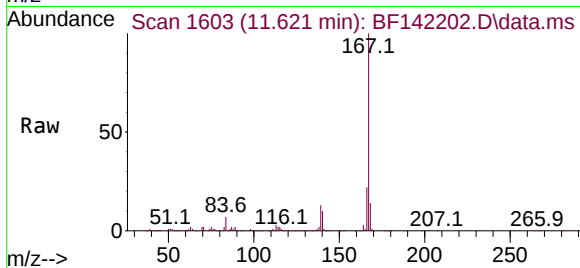
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 2179062

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.8	10.7	16.1



#74

Di-n-butylphthalate

Concen: 23.119 ng

RT: 11.945 min Scan# 1658

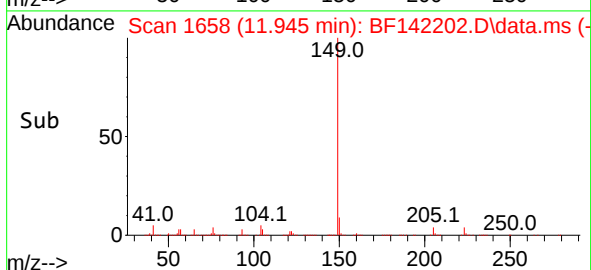
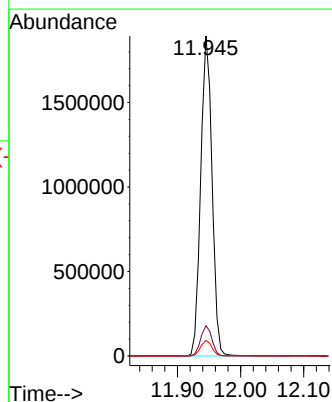
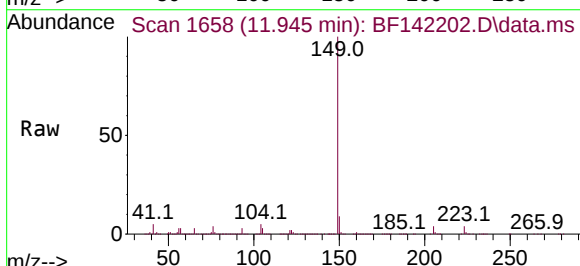
Delta R.T. -0.000 min

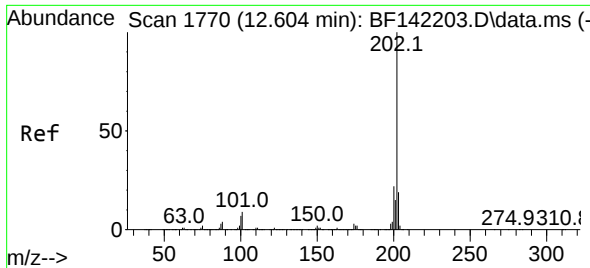
Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Tgt Ion:149 Resp: 2356179

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.9	11.9
104	4.9	4.0	6.0

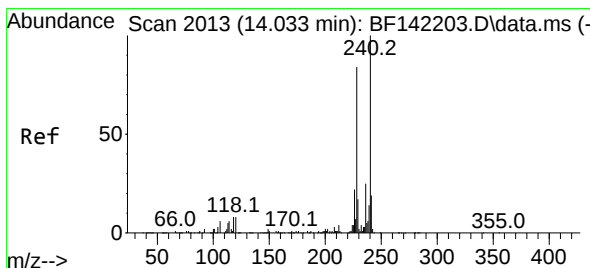
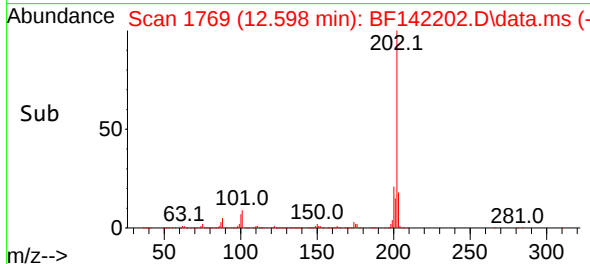
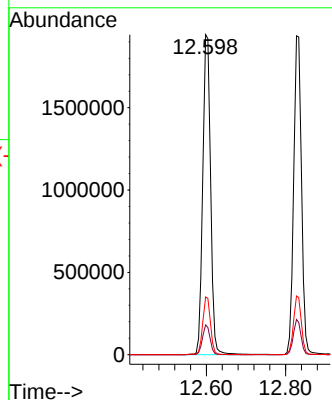
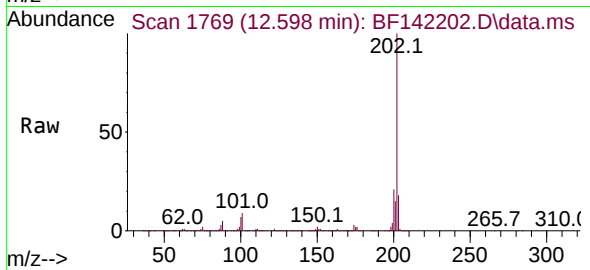




#75
Fluoranthene
Concen: 22.854 ng
RT: 12.598 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

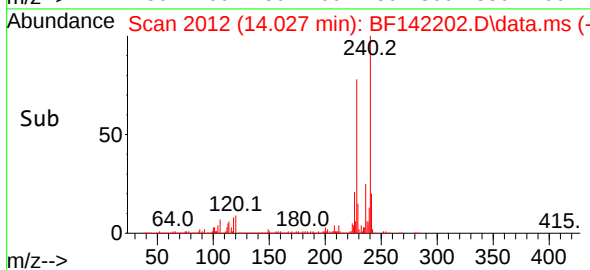
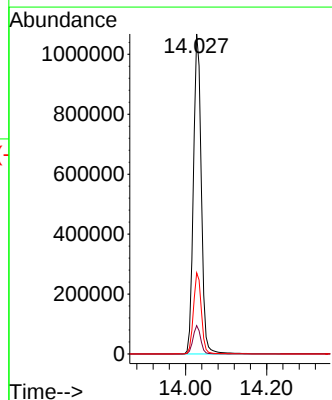
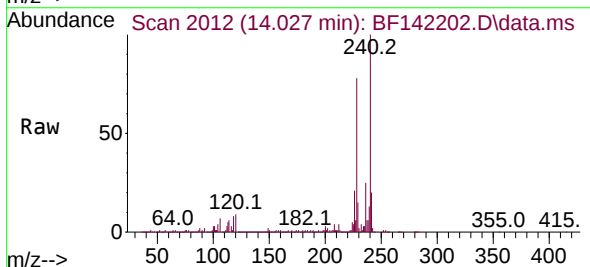
Instrument :
BNA_F
ClientSampleId :

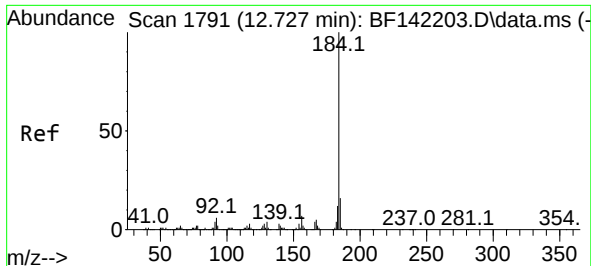
Tgt Ion:202 Resp: 2677855
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.9
203 18.0 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:240 Resp: 1440272
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.4 20.2 30.2

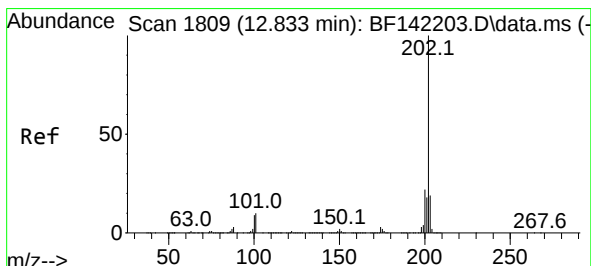
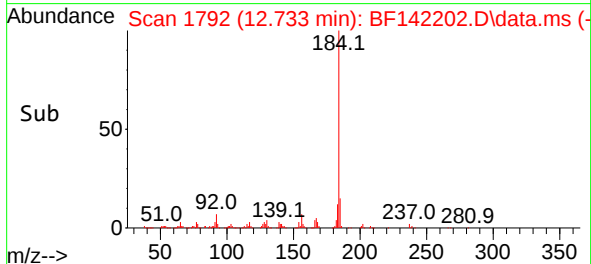
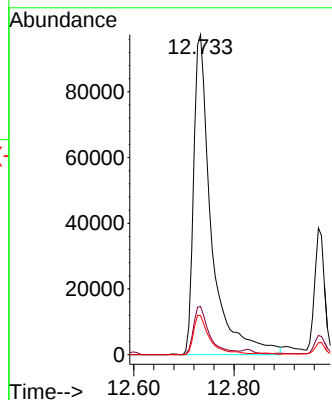
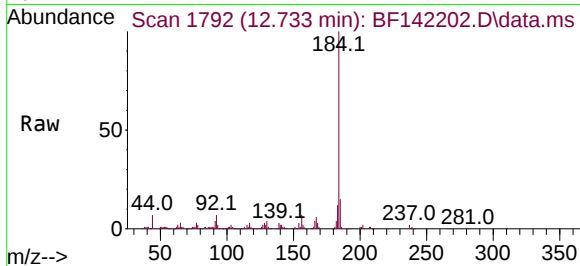




#77
Benzidine
Concen: 12.901 ng
RT: 12.733 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

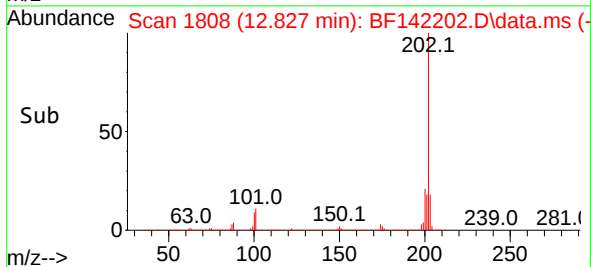
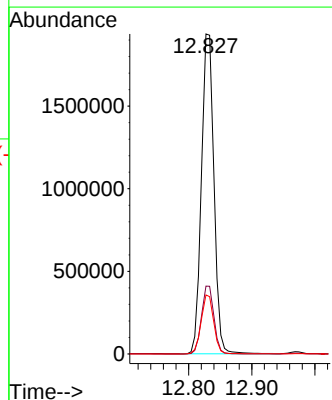
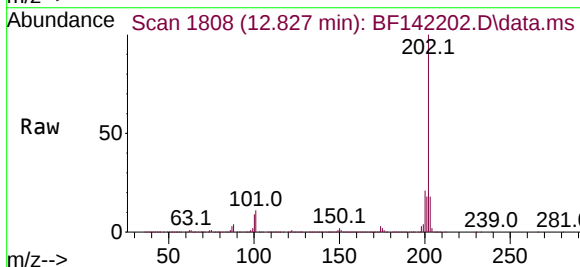
Instrument :
BNA_F
ClientSampleId :

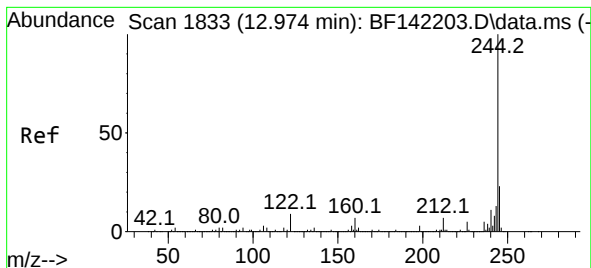
Tgt Ion:184 Resp: 239779
Ion Ratio Lower Upper
184 100
185 15.0 13.0 19.6
183 12.2 9.6 14.4



#78
Pyrene
Concen: 23.276 ng
RT: 12.827 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:202 Resp: 2662541
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 18.4 14.8 22.2





#79

Terphenyl-d14

Concen: 46.290 ng

RT: 12.968 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

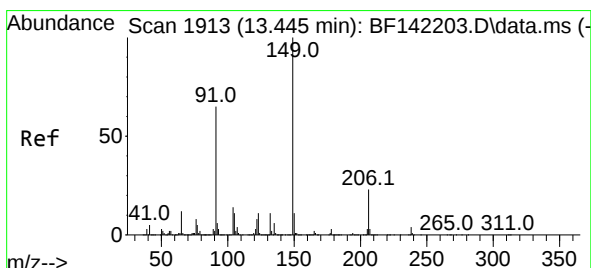
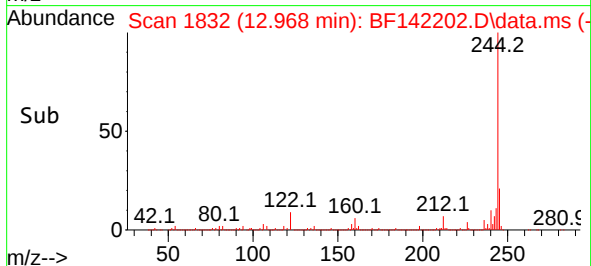
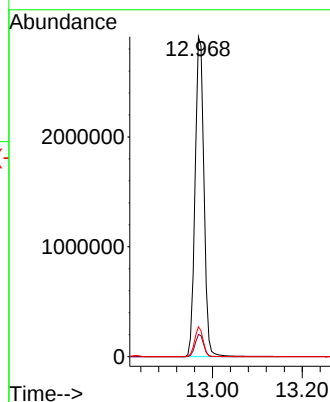
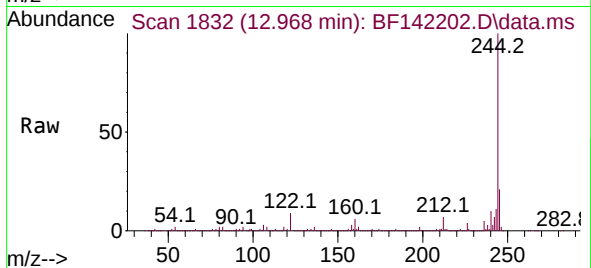
Tgt Ion:244 Resp: 3979602

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.3 7.3 10.9



#80

Butylbenzylphthalate

Concen: 20.954 ng

RT: 13.445 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

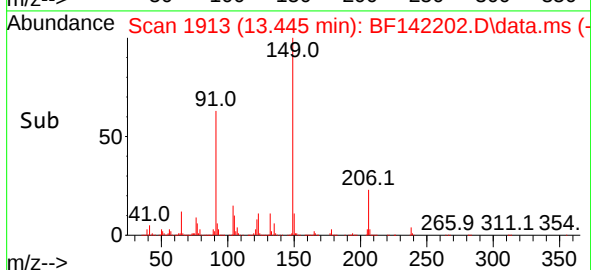
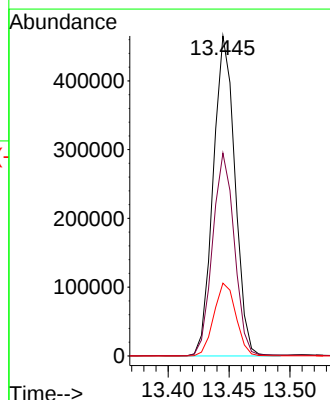
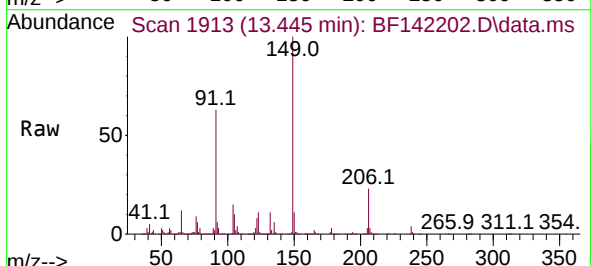
Tgt Ion:149 Resp: 580168

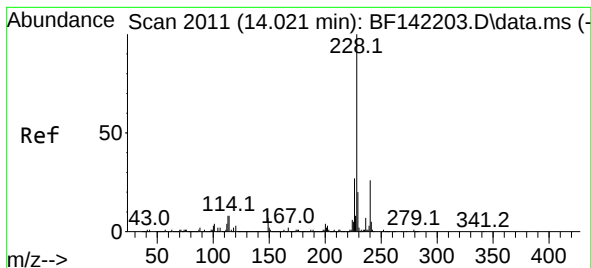
Ion Ratio Lower Upper

149 100

91 63.4 51.8 77.8

206 22.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 22.407 ng

RT: 14.015 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

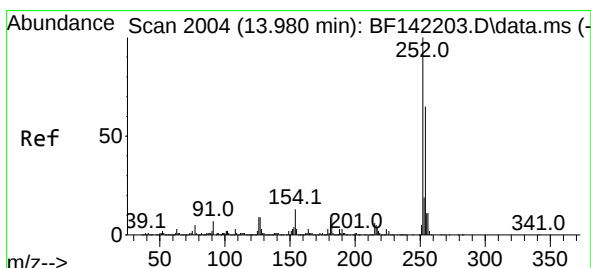
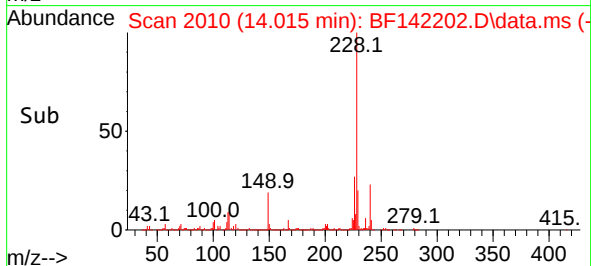
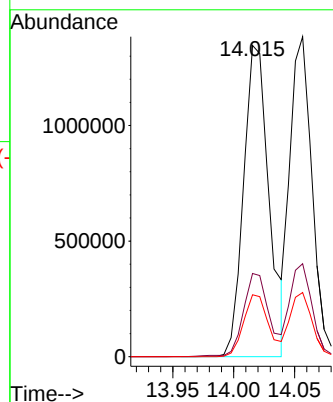
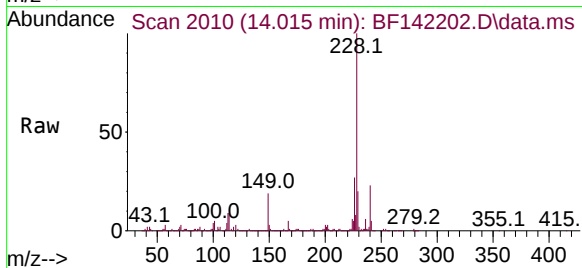
Tgt Ion:228 Resp: 1954657

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 20.628 ng

RT: 13.980 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

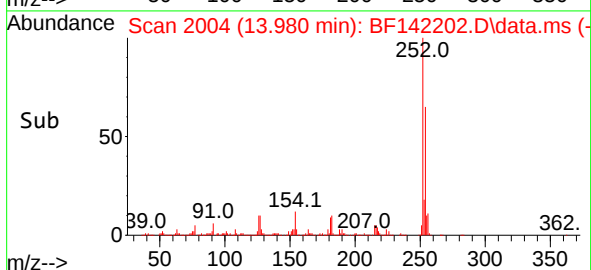
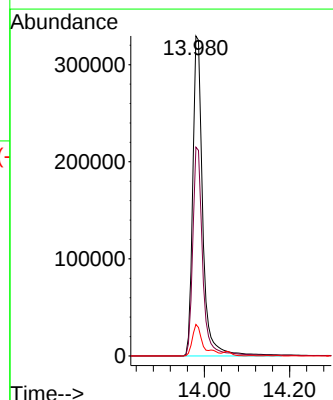
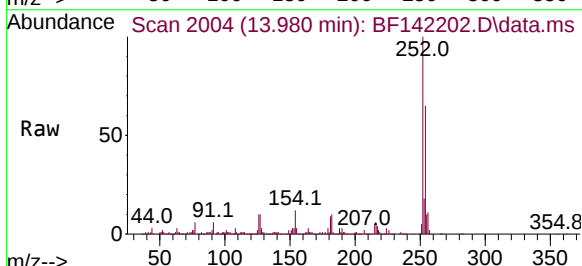
Tgt Ion:252 Resp: 535850

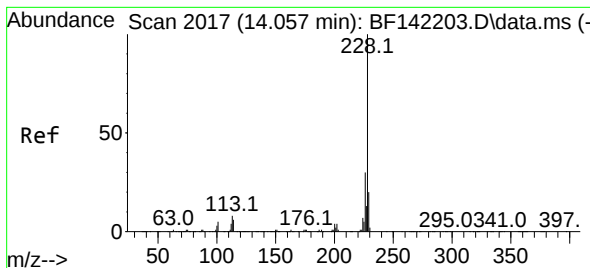
Ion Ratio Lower Upper

252 100

254 65.2 51.9 77.9

126 9.9 7.4 11.0





#83

Chrysene

Concen: 21.063 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

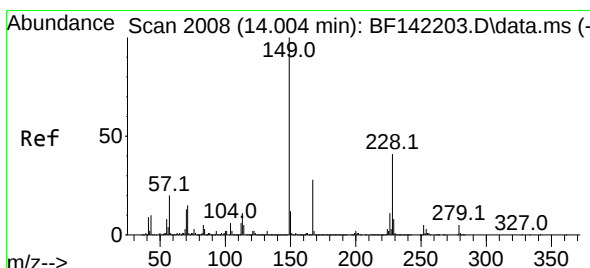
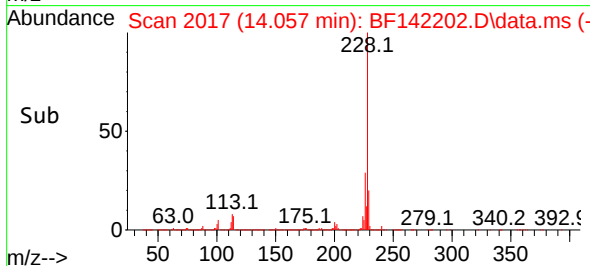
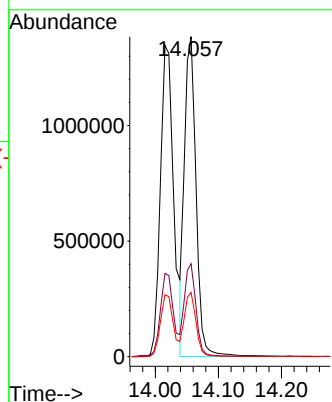
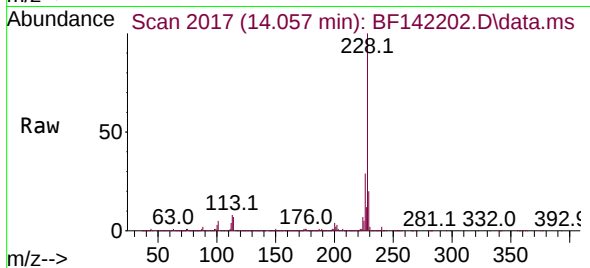
Tgt Ion:228 Resp: 1770305

Ion Ratio Lower Upper

228 100

226 29.1 23.9 35.9

229 20.1 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.940 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

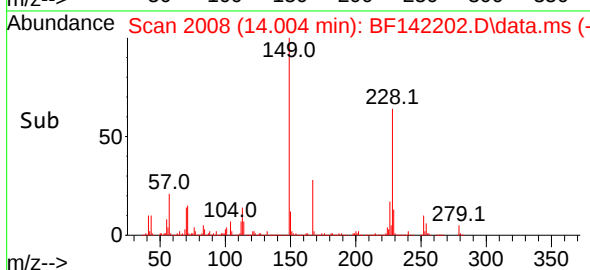
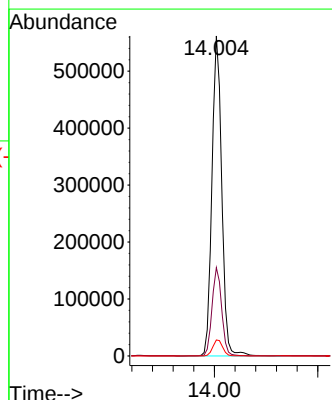
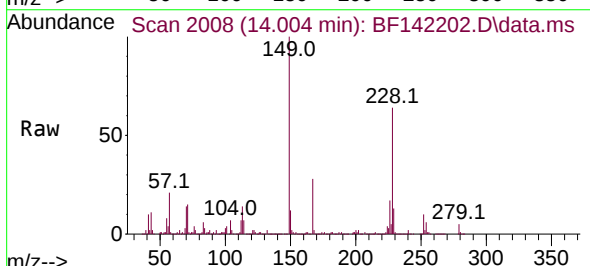
Tgt Ion:149 Resp: 738594

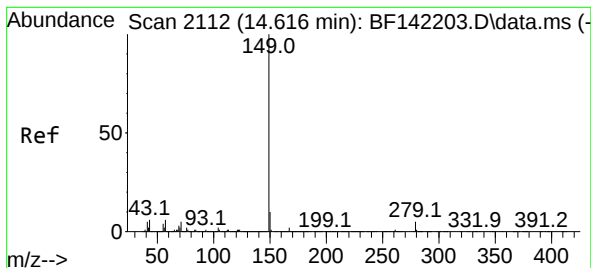
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.4

279 5.0 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 18.240 ng

RT: 14.615 min Scan# 2112

Delta R.T. -0.001 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

Instrument :

BNA_F

ClientSampleId :

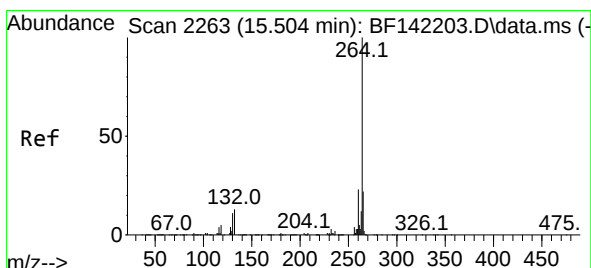
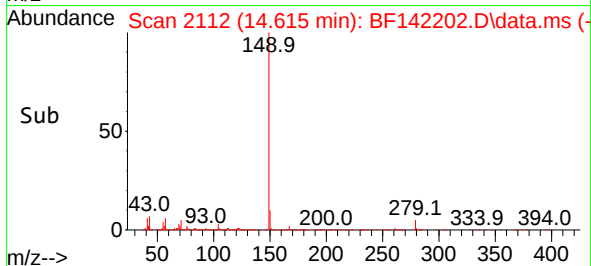
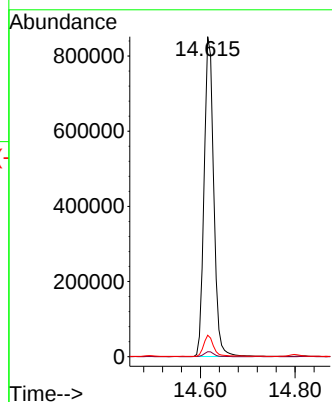
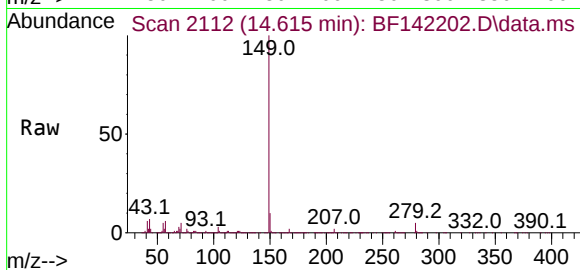
Tgt Ion:149 Resp: 1196625

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142202.D

Acq: 21 Apr 2025 12:37

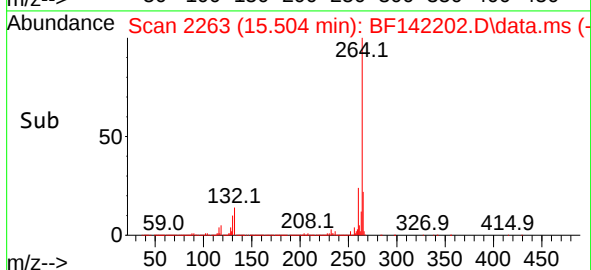
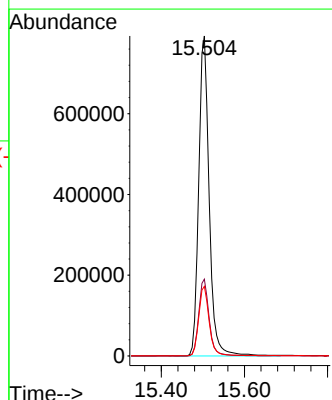
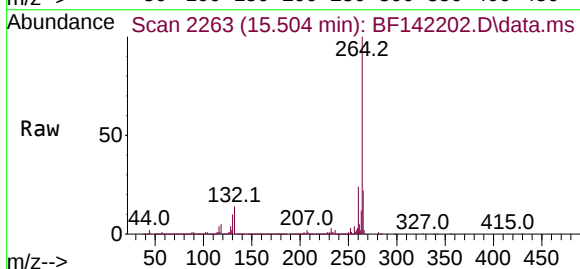
Tgt Ion:264 Resp: 1386355

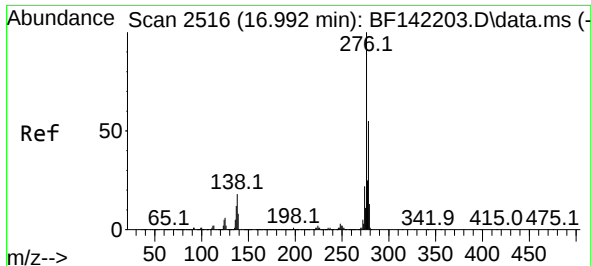
Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.8 16.9 25.3

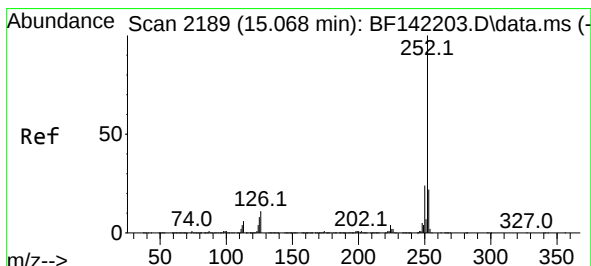
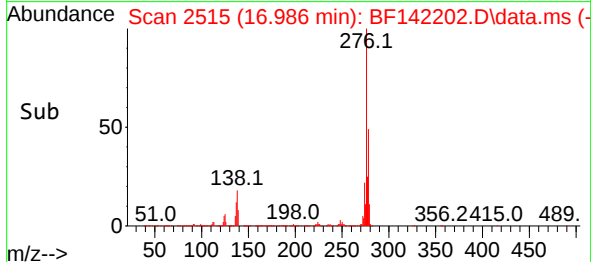
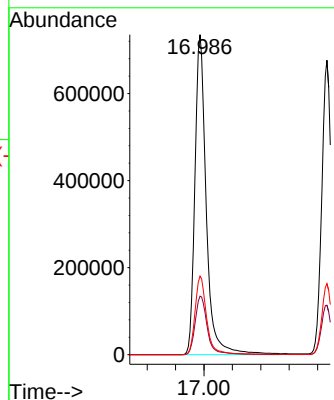
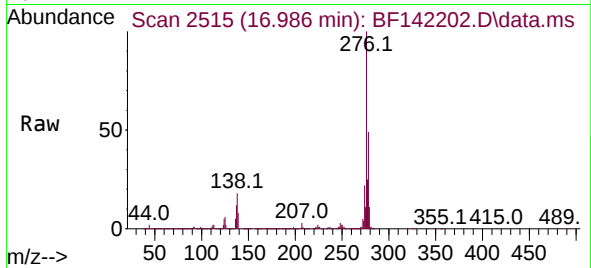




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 21.023 ng
 RT: 16.986 min Scan# 2115
 Delta R.T. -0.006 min
 Lab File: BF142202.D
 Acq: 21 Apr 2025 12:37

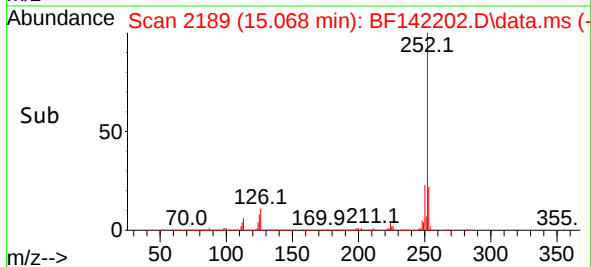
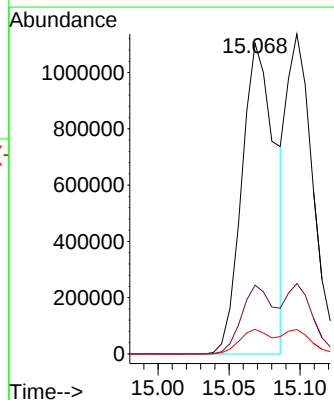
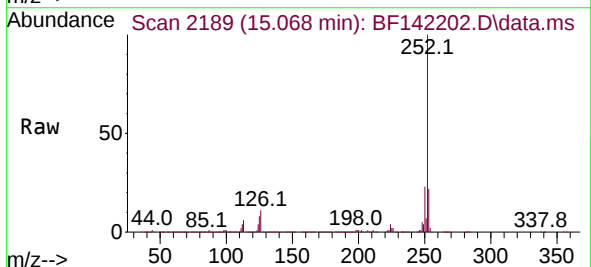
Instrument :
 BNA_F
 ClientSampleId :

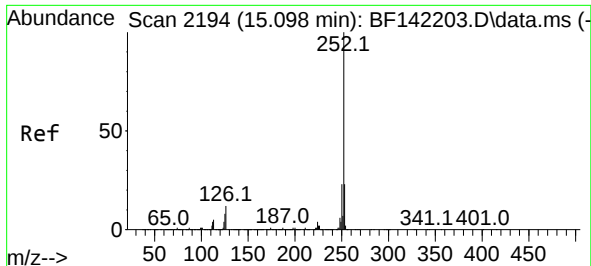
Tgt Ion:276 Resp: 2044877
 Ion Ratio Lower Upper
 276 100
 138 19.6 15.1 22.7
 277 25.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 23.217 ng
 RT: 15.068 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: BF142202.D
 Acq: 21 Apr 2025 12:37

Tgt Ion:252 Resp: 1805792
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 7.9 6.4 9.6

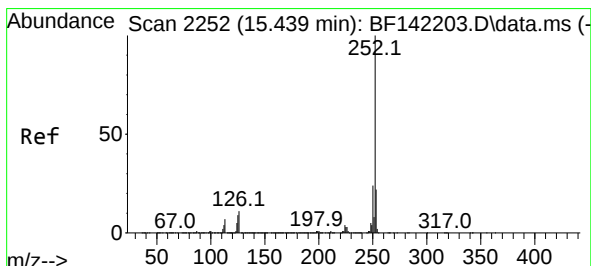
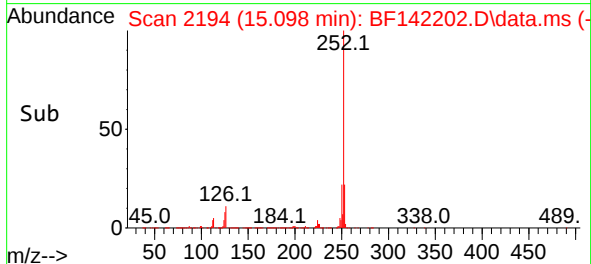
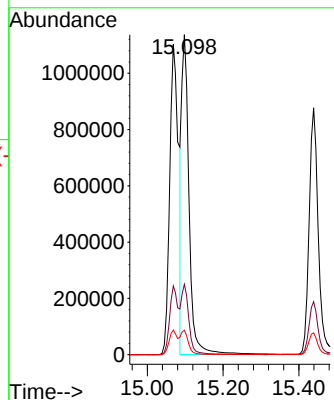
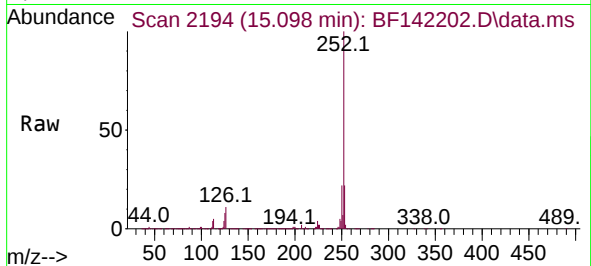




#89
Benzo(k)fluoranthene
Concen: 20.070 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

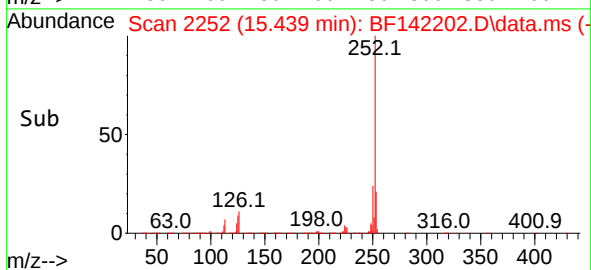
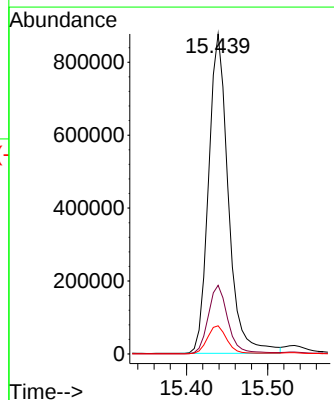
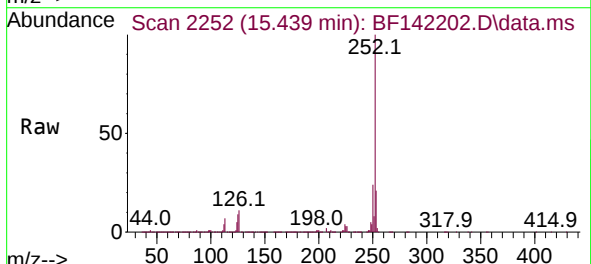
Instrument :
BNA_F
ClientSampleId :

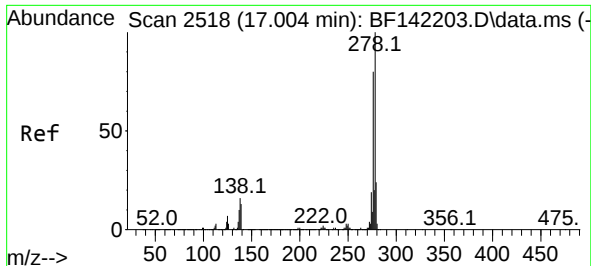
Tgt Ion:252 Resp: 1543871
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 7.7 6.6 10.0



#90
Benzo(a)pyrene
Concen: 21.287 ng
RT: 15.439 min Scan# 2252
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:252 Resp: 1481723
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 8.8 7.1 10.7

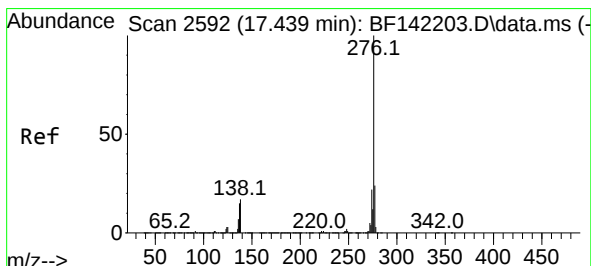
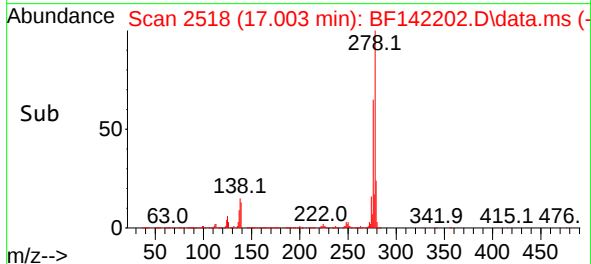
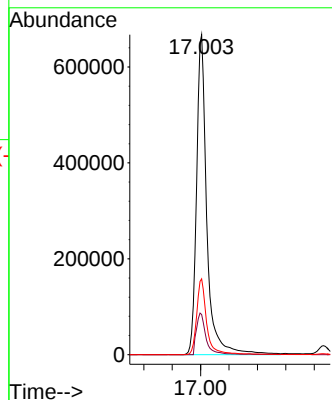
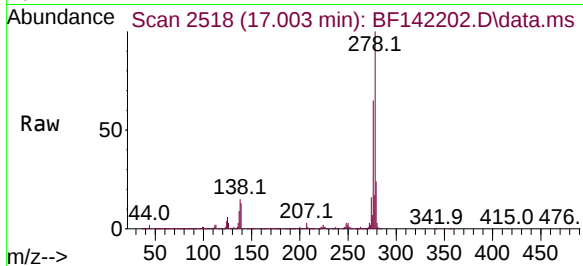




#91
Dibenzo(a,h)anthracene
Concen: 21.231 ng
RT: 17.003 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1684573
Ion Ratio Lower Upper
278 100
139 12.6 10.2 15.4
279 23.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 20.790 ng
RT: 17.433 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF142202.D
Acq: 21 Apr 2025 12:37

Tgt Ion:276 Resp: 1718184
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 16.8 13.4 20.2

