

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142220.D
 Acq On : 23 Apr 2025 12:19
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Apr 23 14:36:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:31:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	432662	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1646223	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	918262	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1665177	20.000	ng	0.00
76) Chrysene-d12	14.021	240	1068111	20.000	ng	0.00
86) Perylene-d12	15.486	264	971309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1098415	43.266	ng	0.00
7) Phenol-d6	6.486	99	1358222	43.652	ng	0.00
23) Nitrobenzene-d5	7.422	82	1168306	42.284	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	527858	41.009	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2560188	44.864	ng	0.00
79) Terphenyl-d14	12.962	244	3081904	46.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	215783	21.150	ng	99
3) Pyridine	3.381	79	522445	21.399	ng	99
4) n-Nitrosodimethylamine	3.310	42	210601	21.413	ng	99
6) Aniline	6.522	93	638922	22.809	ng	92
8) 2-Chlorophenol	6.645	128	604730	21.774	ng	97
9) Benzaldehyde	6.410	77	384159	22.710	ng	99
10) Phenol	6.498	94	711667	21.800	ng	97
11) bis(2-Chloroethyl)ether	6.592	93	502353	21.280	ng	100
12) 1,3-Dichlorobenzene	6.798	146	658358	21.505	ng	99
13) 1,4-Dichlorobenzene	6.875	146	675147	21.733	ng	99
14) 1,2-Dichlorobenzene	7.028	146	630039	21.642	ng	99
15) Benzyl Alcohol	6.998	79	494285	21.767	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.133	45	514271	21.909	ng	94
17) 2-Methylphenol	7.110	107	451667	21.360	ng	99
18) Hexachloroethane	7.369	117	230046	21.221	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	370264	21.466	ng	98
20) 3+4-Methylphenols	7.263	107	578961	21.775	ng	97
22) Acetophenone	7.263	105	799610	20.996	ng	99
24) Nitrobenzene	7.439	77	569912	20.880	ng	98
25) Isophorone	7.675	82	937069	20.684	ng	99
26) 2-Nitrophenol	7.757	139	313592	20.921	ng	98
27) 2,4-Dimethylphenol	7.792	122	361131	20.732	ng	97
28) bis(2-Chloroethoxy)met...	7.886	93	609403	20.854	ng	100
29) 2,4-Dichlorophenol	7.998	162	515510	21.007	ng	99
30) 1,2,4-Trichlorobenzene	8.080	180	576808	20.832	ng	100
31) Naphthalene	8.163	128	1773602	21.920	ng	99
32) Benzoic acid	7.886	122	274437	17.399	ng	99
33) 4-Chloroaniline	8.210	127	613121	21.517	ng	99
34) Hexachlorobutadiene	8.280	225	378642	20.746	ng	99
35) Caprolactam	8.563	113	148669	20.628	ng	99
36) 4-Chloro-3-methylphenol	8.692	107	523178	20.508	ng	97
37) 2-Methylnaphthalene	8.851	142	1157896	21.326	ng	100
38) 1-Methylnaphthalene	8.951	142	1117215	21.120	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	614579	20.991	ng	99
41) Hexachlorocyclopentadiene	9.004	237	137706	19.429	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	358445	20.237	ng	99

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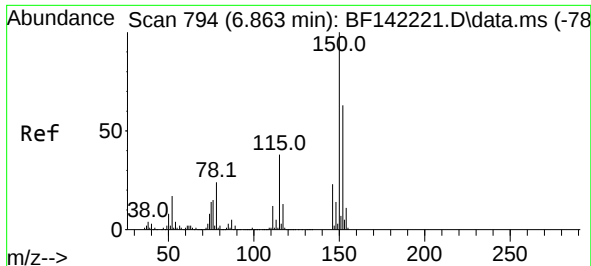
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	396491	20.876	ng	98
46) 1,1'-Biphenyl	9.316	154	1456006	21.533	ng	98
47) 2-Chloronaphthalene	9.339	162	1114850	21.502	ng	99
48) 2-Nitroaniline	9.439	65	281197	20.955	ng	99
49) Acenaphthylene	9.757	152	1639487	21.800	ng	98
50) Dimethylphthalate	9.610	163	1292993	20.968	ng	99
51) 2,6-Dinitrotoluene	9.674	165	290312	21.142	ng	98
52) Acenaphthene	9.927	154	1152999	21.450	ng	99
53) 3-Nitroaniline	9.845	138	288312	21.452	ng	99
54) 2,4-Dinitrophenol	9.957	184	140941	18.949	ng	97
55) Dibenzofuran	10.098	168	1660969	21.919	ng	99
56) 4-Nitrophenol	10.010	139	194342	19.850	ng	98
57) 2,4-Dinitrotoluene	10.080	165	394670	21.450	ng	97
58) Fluorene	10.445	166	1275544	21.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.221	232	352145	20.435	ng	99
60) Diethylphthalate	10.310	149	1267640	21.495	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	664796	21.135	ng	98
62) 4-Nitroaniline	10.457	138	286701	21.566	ng	99
63) Azobenzene	10.592	77	1109731	21.695	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	220373	19.841	ng	96
66) n-Nitrosodiphenylamine	10.551	169	1069884	20.911	ng	98
67) 4-Bromophenyl-phenylether	10.927	248	424643	20.318	ng	99
68) Hexachlorobenzene	10.992	284	511575	20.617	ng	99
69) Atrazine	11.074	200	236956	16.328	ng	99
70) Pentachlorophenol	11.192	266	260896	19.284	ng	99
71) Phenanthrene	11.404	178	1878750	21.837	ng	99
72) Anthracene	11.457	178	1879780	21.847	ng	98
73) Carbazole	11.615	167	1666812	22.310	ng	99
74) Di-n-butylphthalate	11.939	149	1904784	22.436	ng	98
75) Fluoranthene	12.592	202	2045386	22.815	ng	99
77) Benzidine	12.721	184	238646	14.967	ng	98
78) Pyrene	12.821	202	2049138	22.980	ng	99
80) Butylbenzylphthalate	13.439	149	560346	21.704	ng	98
81) Benzo(a)anthracene	14.009	228	1406437	20.805	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	393926	19.121	ng	97
83) Chrysene	14.045	228	1321233	21.170	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	631848	20.498	ng	98
85) Di-n-octyl phthalate	14.609	149	967696	18.292	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	1487733	21.382	ng	100
88) Benzo(b)fluoranthene	15.056	252	1268183	22.557	ng	99
89) Benzo(k)fluoranthene	15.086	252	1018297	19.502	ng	99
90) Benzo(a)pyrene	15.427	252	1045462	21.072	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	1217461	21.366	ng	99
92) Benzo(g,h,i)perylene	17.409	276	1265841	21.409	ng	99

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

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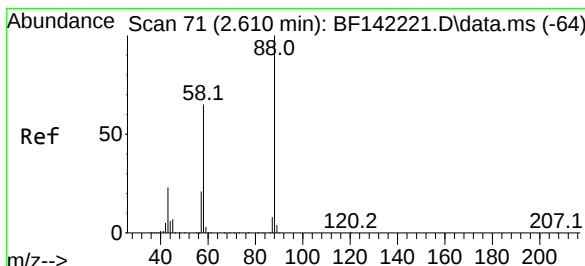
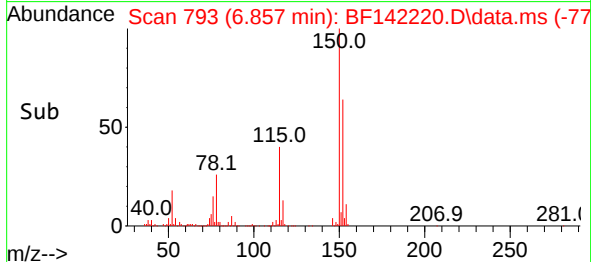
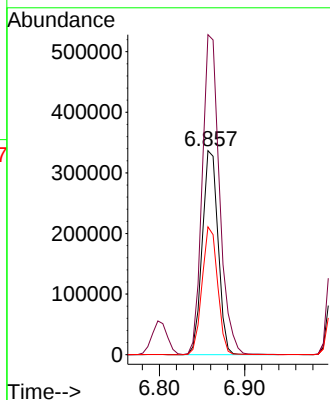
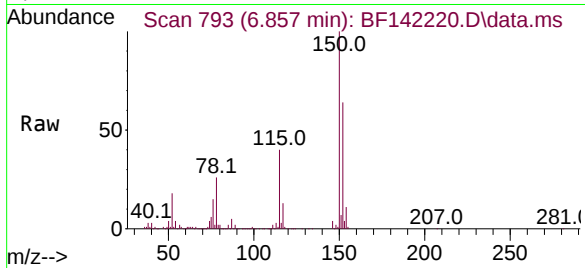




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

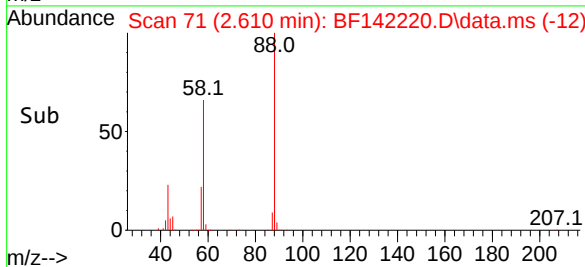
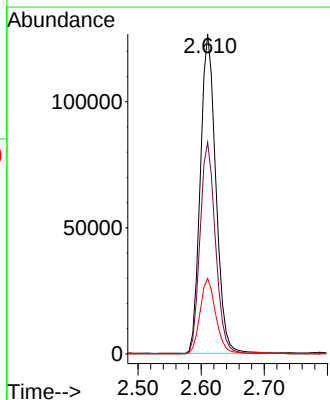
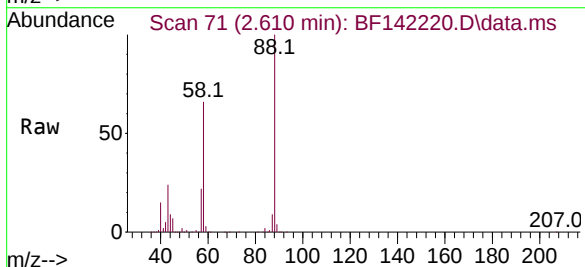
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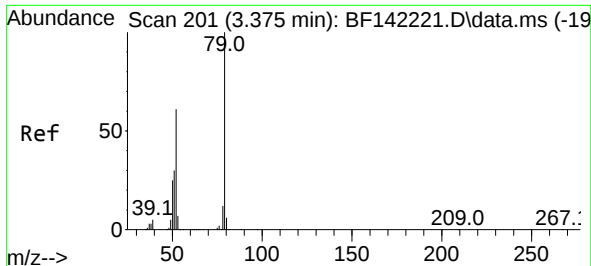
Tgt Ion:152 Resp: 432662
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 62.7 48.5 72.7



#2
1,4-Dioxane
Concen: 21.150 ng
RT: 2.610 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 88 Resp: 215783
Ion Ratio Lower Upper
88 100
58 66.2 52.4 78.6
43 23.5 19.0 28.6

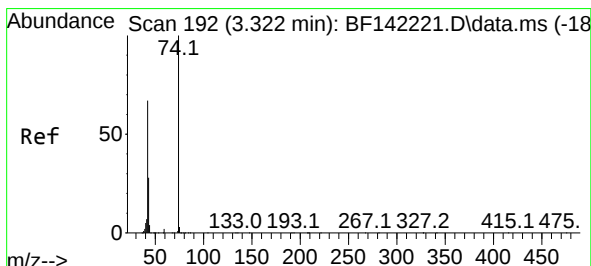
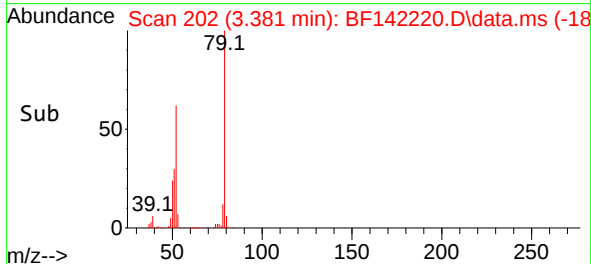
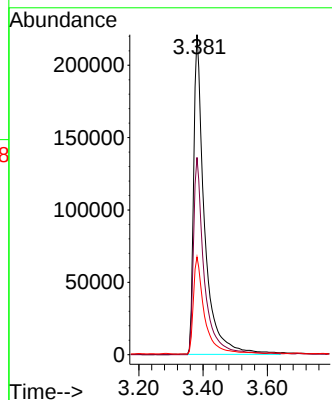
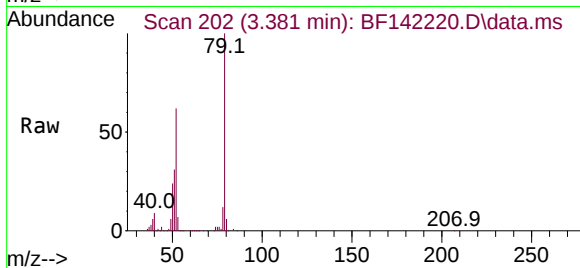




#3
Pyridine
Concen: 21.399 ng
RT: 3.381 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

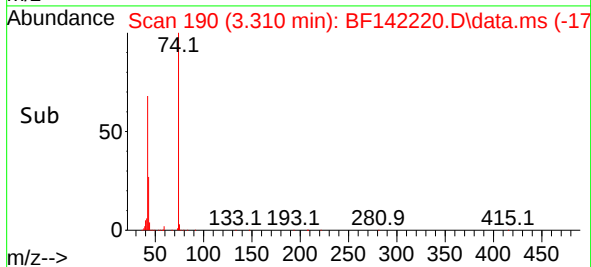
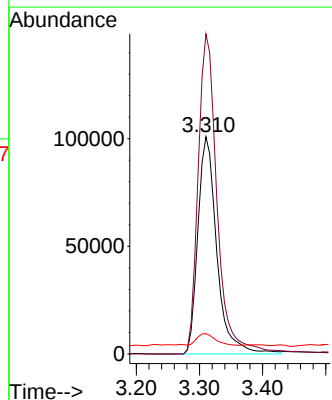
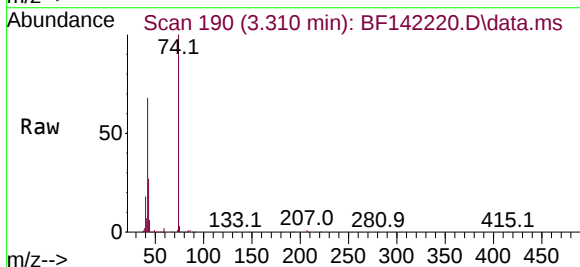
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BNA_F
ClientSampleId :
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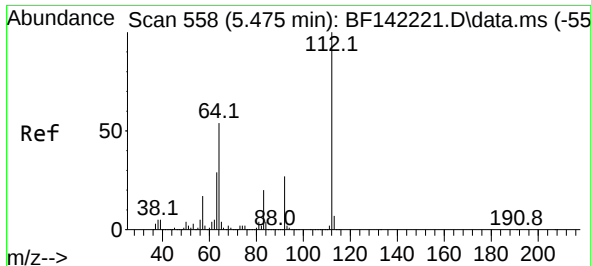
Tgt Ion: 79 Resp: 522445
Ion Ratio Lower Upper
79 100
52 61.6 48.6 72.8
51 30.5 24.3 36.5



#4
n-Nitrosodimethylamine
Concen: 21.413 ng
RT: 3.310 min Scan# 190
Delta R.T. -0.012 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 42 Resp: 210601
Ion Ratio Lower Upper
42 100
74 147.4 119.1 178.7
44 9.4 7.0 10.4

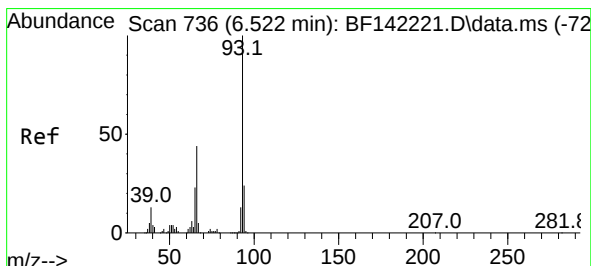
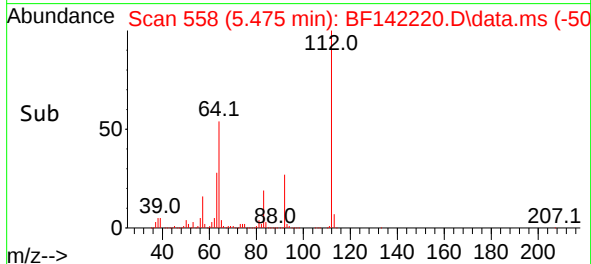
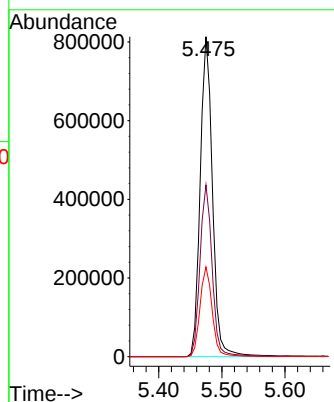
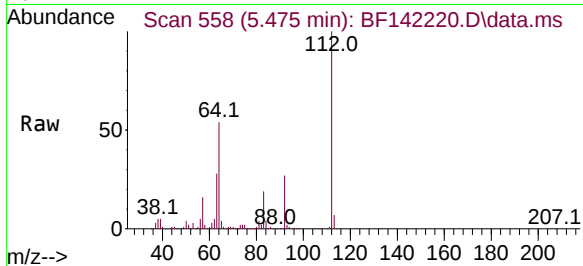




#5
2-Fluorophenol
Concen: 43.266 ng
RT: 5.475 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

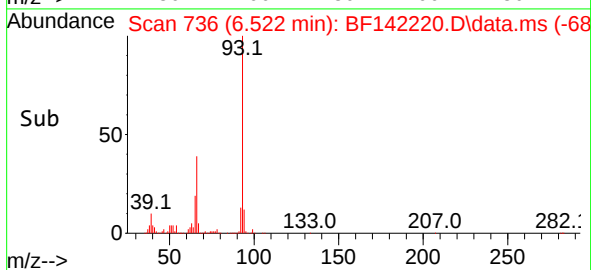
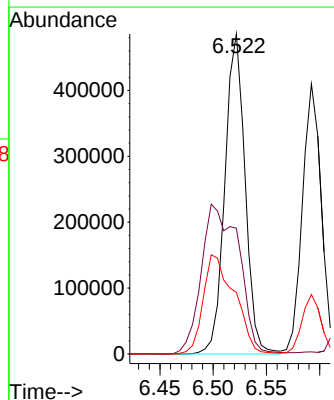
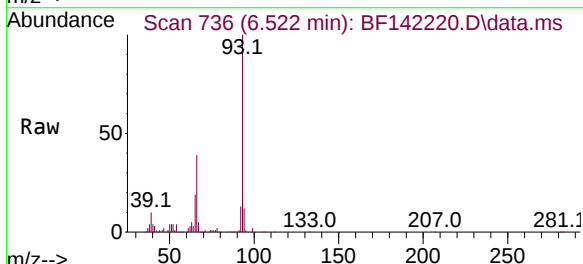
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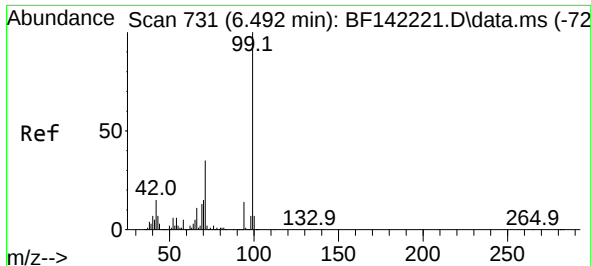
Tgt Ion:112 Resp: 1098415
Ion Ratio Lower Upper
112 100
64 53.6 43.1 64.7
63 28.1 23.1 34.7



#6
Aniline
Concen: 22.809 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 93 Resp: 638922
Ion Ratio Lower Upper
93 100
66 39.3 35.5 53.3
65 19.3 18.5 27.7

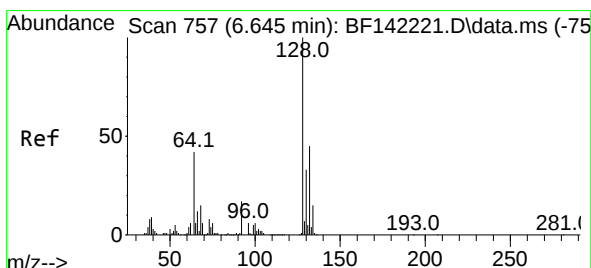
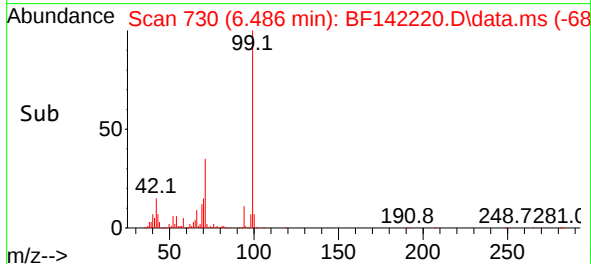
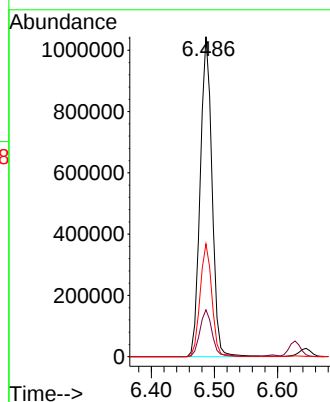
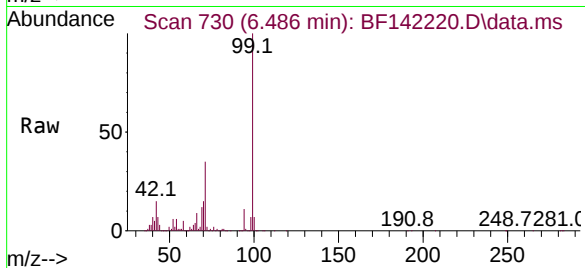




#7
Phenol-d6
Concen: 43.652 ng
RT: 6.486 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

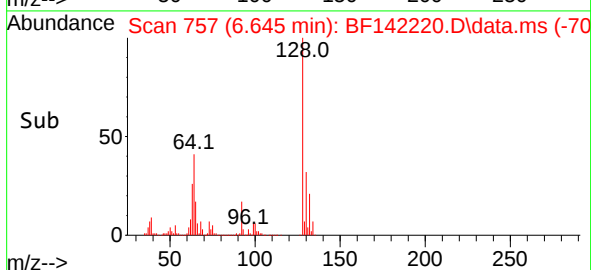
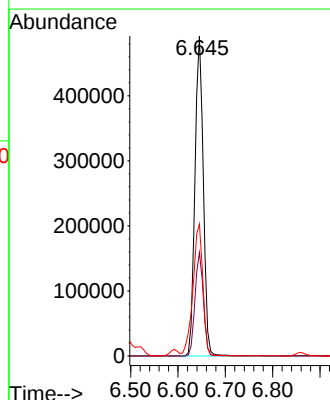
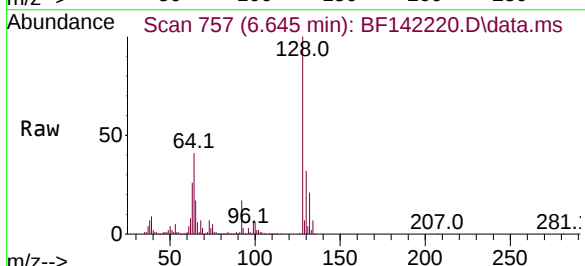
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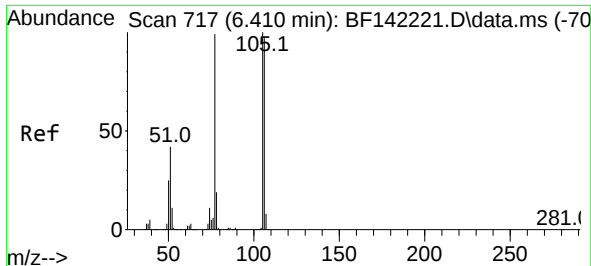
Tgt Ion: 99 Resp: 1358222
Ion Ratio Lower Upper
99 100
42 14.6 12.0 18.0
71 35.3 28.3 42.5



#8
2-Chlorophenol
Concen: 21.774 ng
RT: 6.645 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:128 Resp: 604730
Ion Ratio Lower Upper
128 100
130 32.4 13.4 53.4
64 41.2 23.4 63.4

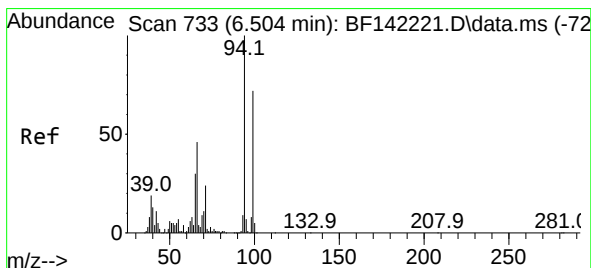
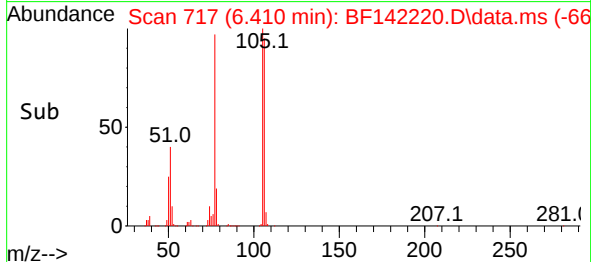
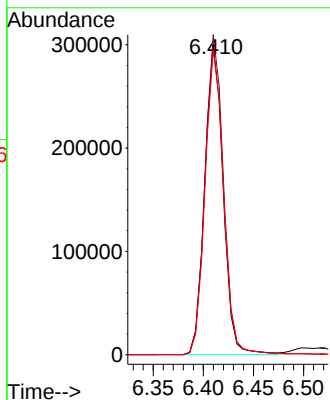
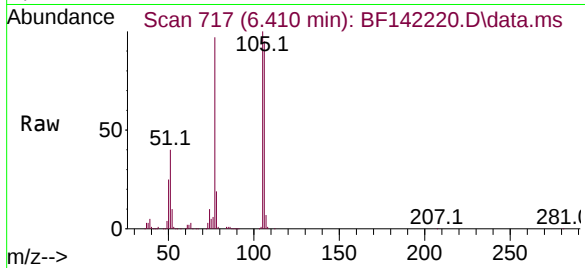




#9
Benzaldehyde
Concen: 22.710 ng
RT: 6.410 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

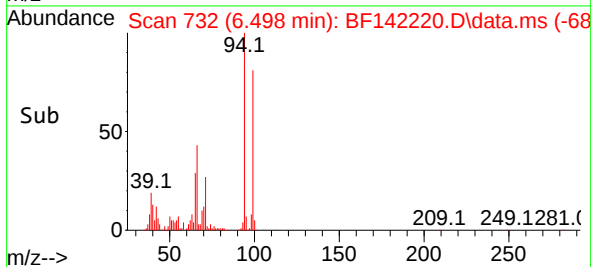
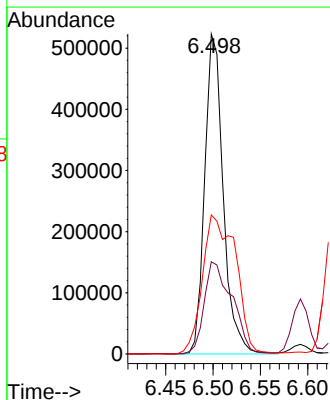
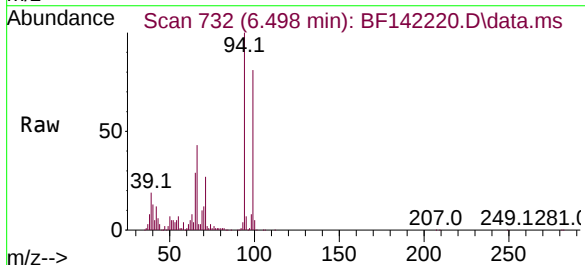
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ClientSampleId :
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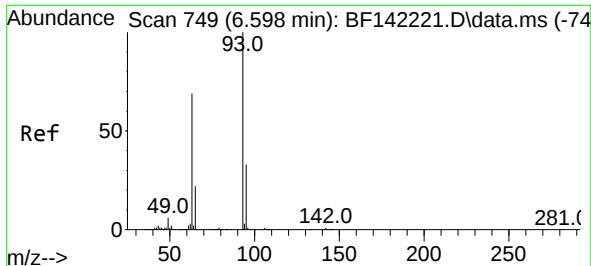
Tgt Ion: 77 Resp: 384159
Ion Ratio Lower Upper
77 100
105 103.1 81.3 121.3
106 98.1 78.4 118.4



#10
Phenol
Concen: 21.800 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 94 Resp: 711667
Ion Ratio Lower Upper
94 100
65 28.8 10.2 50.2
66 43.4 25.9 65.9

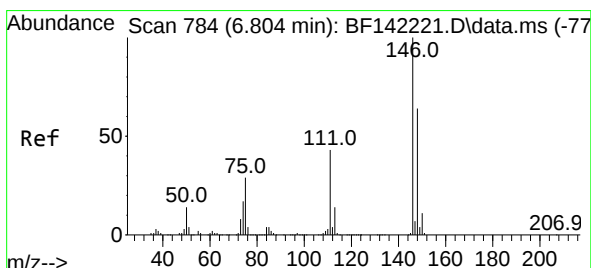
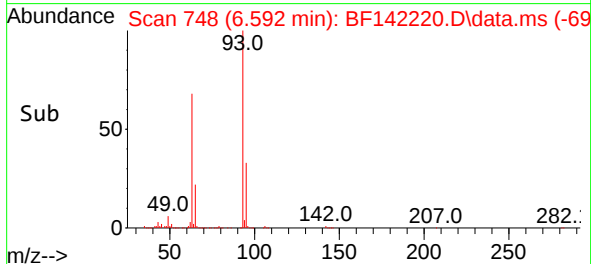
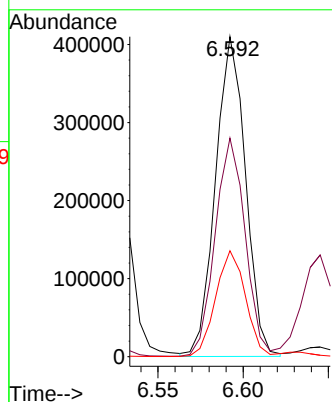
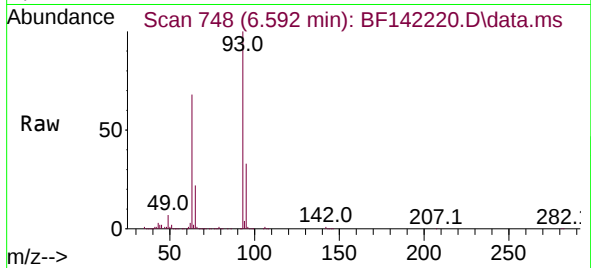




#11
bis(2-Chloroethyl)ether
Concen: 21.280 ng
RT: 6.592 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

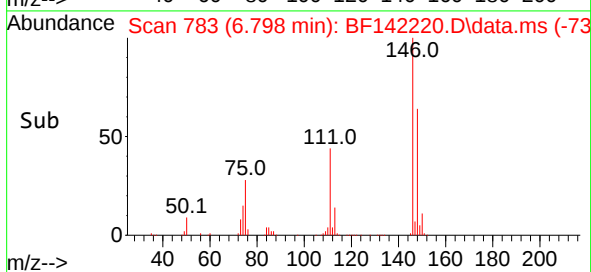
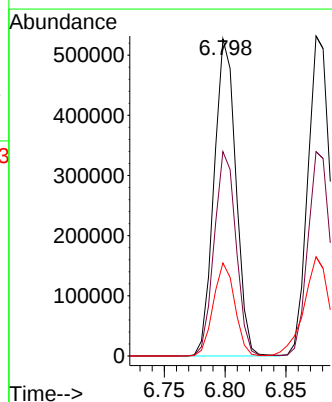
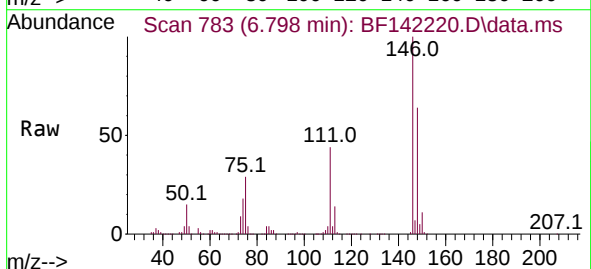
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

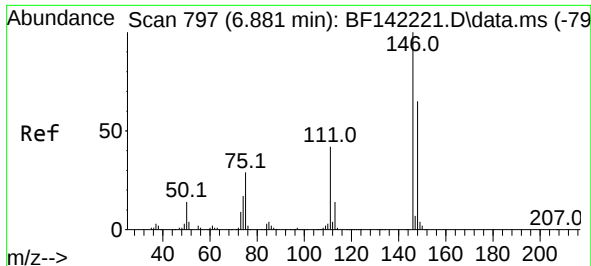
Tgt Ion: 93 Resp: 502353
Ion Ratio Lower Upper
93 100
63 68.3 48.2 88.2
95 33.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 21.505 ng
RT: 6.798 min Scan# 783
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:146 Resp: 658358
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 29.3 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 21.733 ng

RT: 6.875 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

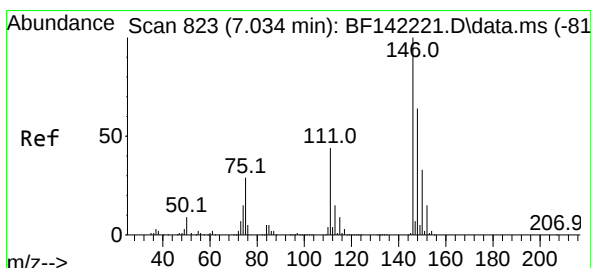
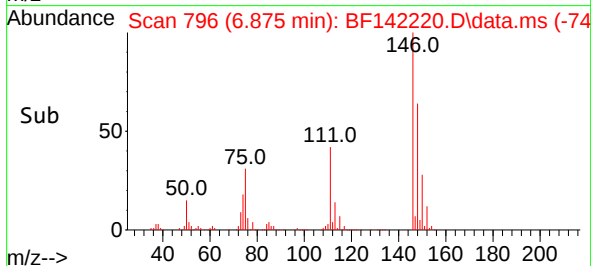
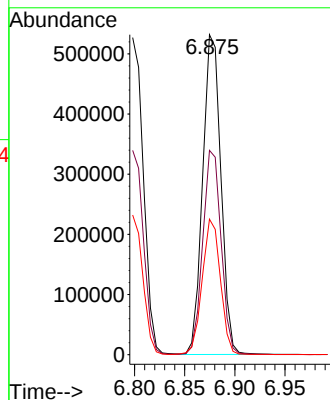
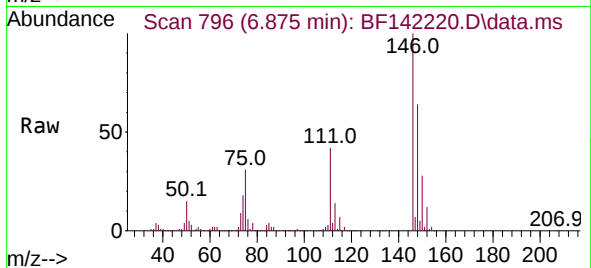
Tgt Ion:146 Resp: 675147

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

111 42.3 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 21.642 ng

RT: 7.028 min Scan# 822

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

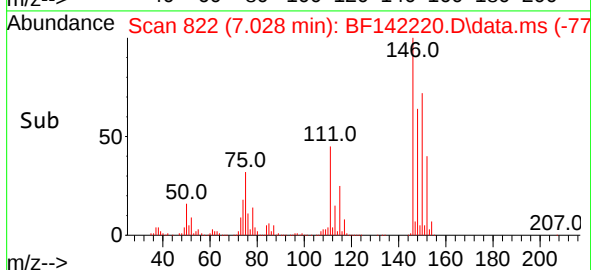
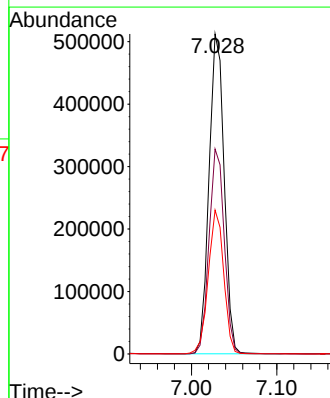
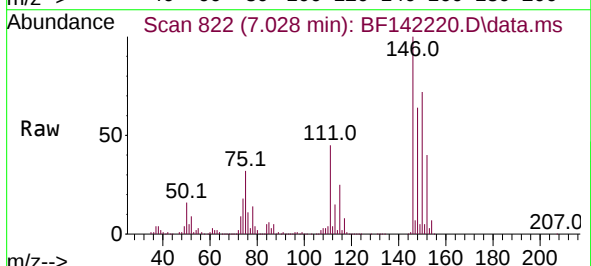
Tgt Ion:146 Resp: 630039

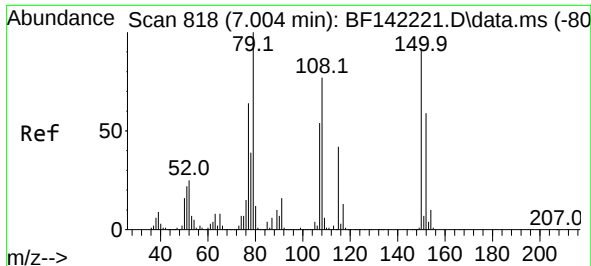
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

111 45.0 35.4 53.0

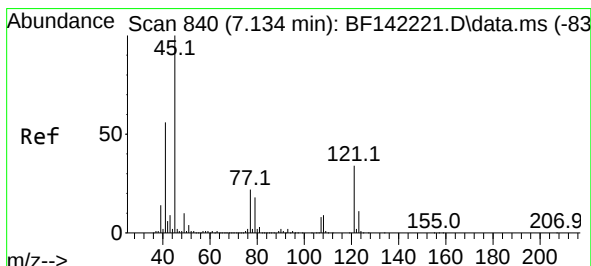
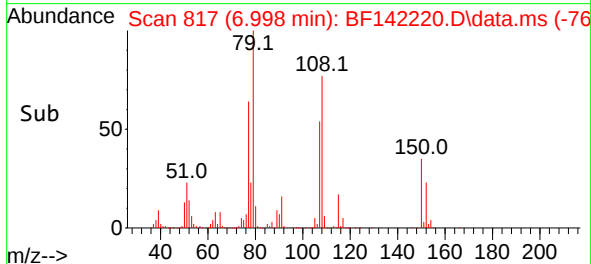
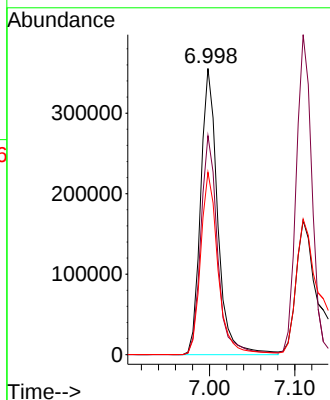
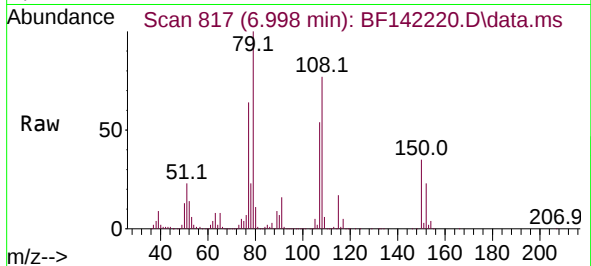




#15
Benzyl Alcohol
Concen: 21.767 ng
RT: 6.998 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

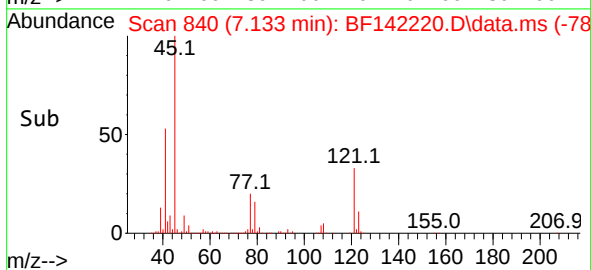
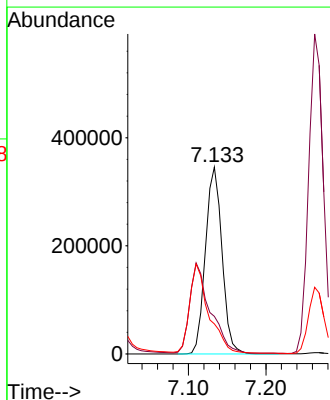
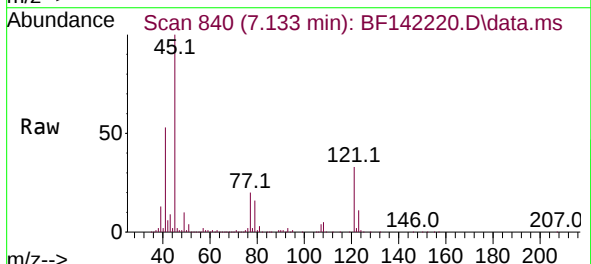
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

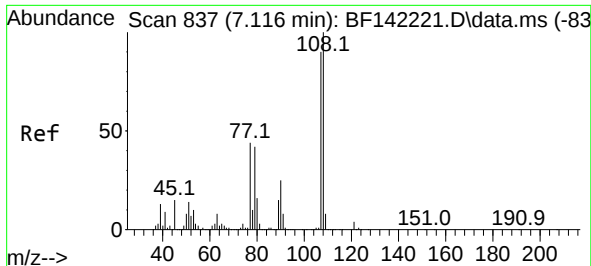
Tgt Ion: 79 Resp: 494285
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.2
77 63.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.909 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 45 Resp: 514271
Ion Ratio Lower Upper
45 100
77 20.1 3.0 43.0
79 16.1 0.0 38.4



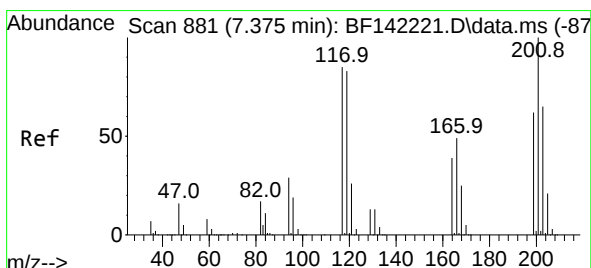
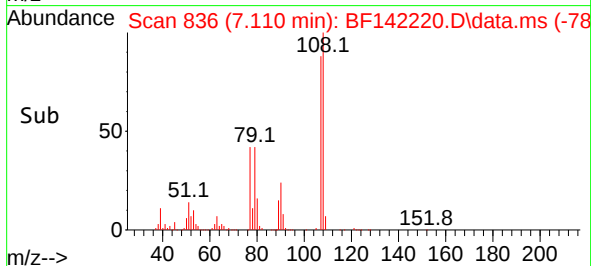
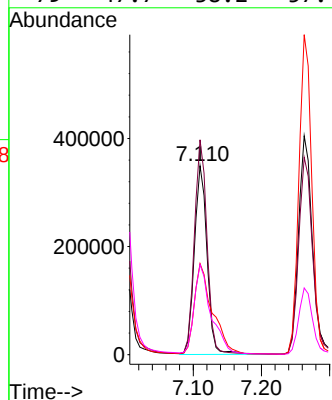
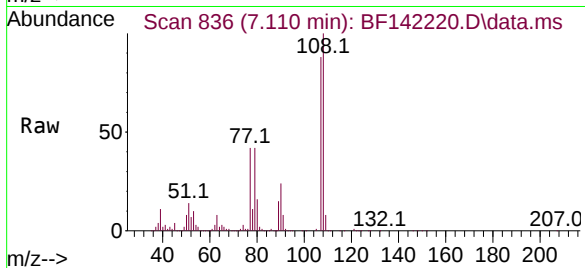


#17
2-Methylphenol
Concen: 21.360 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 451667

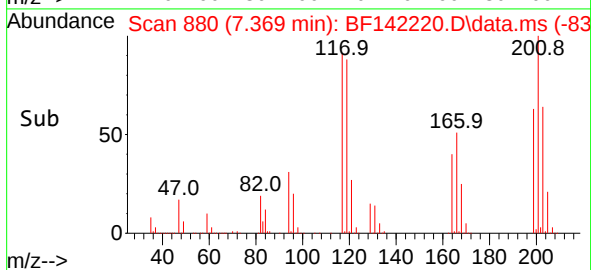
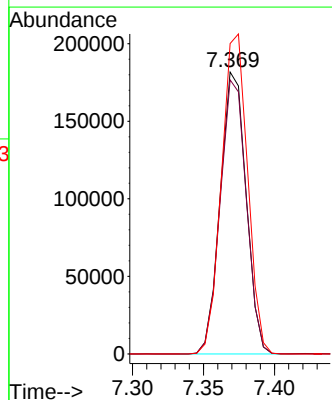
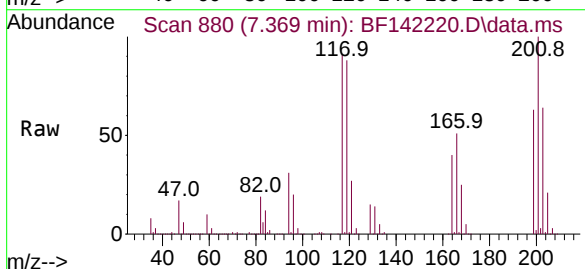
Ion	Ratio	Lower	Upper
107	100		
108	113.7	89.3	133.9
77	48.2	39.3	58.9
79	47.7	38.2	57.4

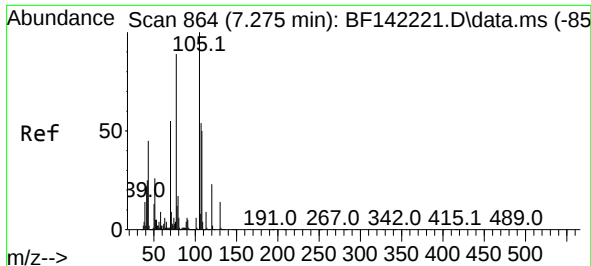


#18
Hexachloroethane
Concen: 21.221 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:117 Resp: 230046

Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
201	110.1	94.2	141.4

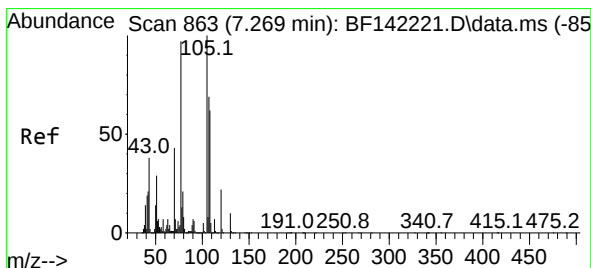
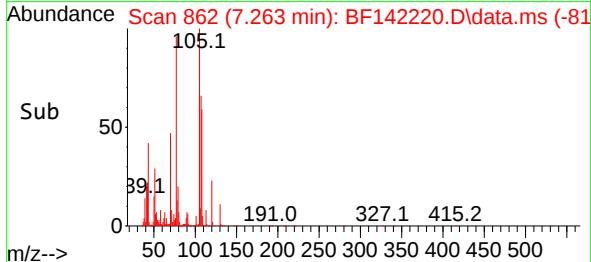
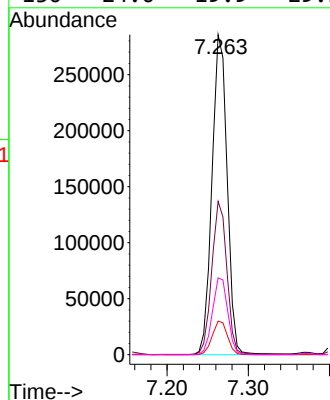
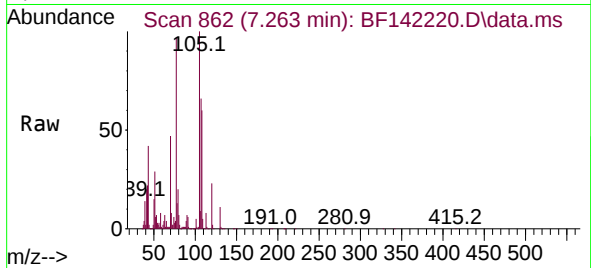




#19
n-Nitroso-di-n-propylamine
Concen: 21.466 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

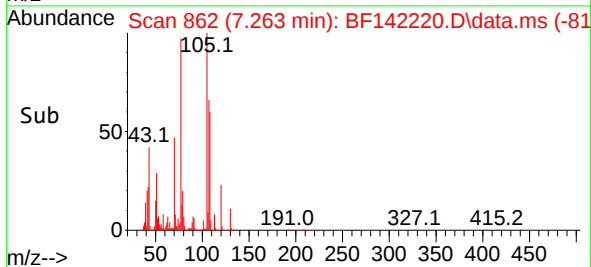
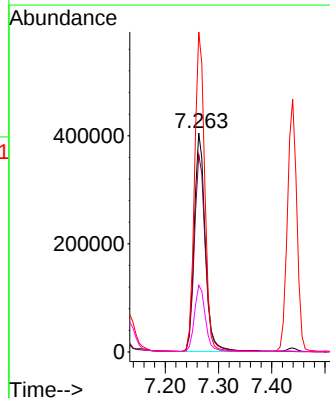
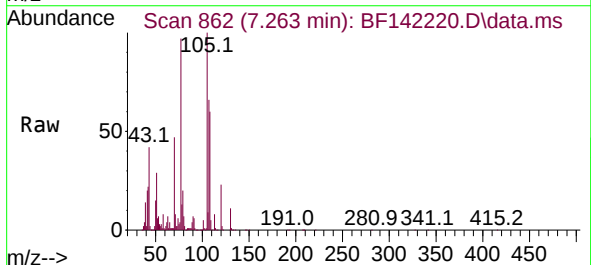
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

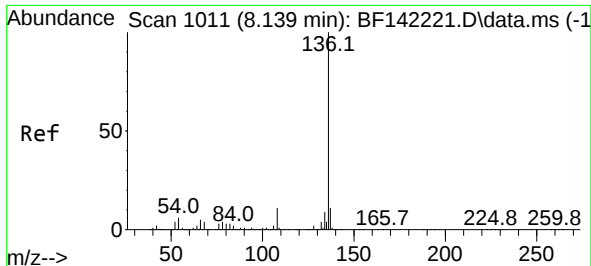
Tgt Ion: 70 Resp: 370264
Ion Ratio Lower Upper
70 100
42 47.9 37.1 55.7
101 10.5 8.6 12.8
130 24.0 19.9 29.9



#20
3+4-Methylphenols
Concen: 21.775 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 107 Resp: 578961
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 146.2 119.4 159.4
79 30.5 11.0 51.0

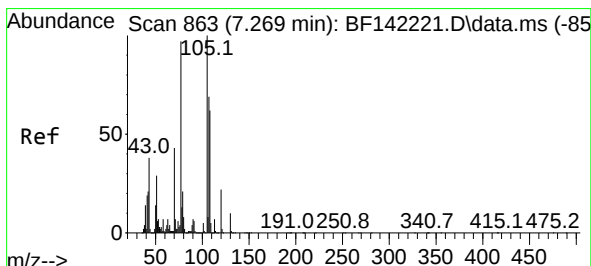
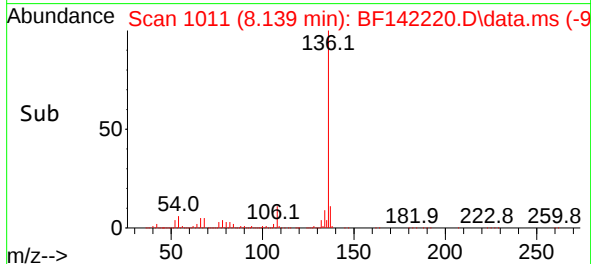
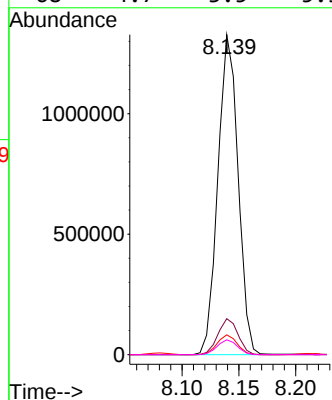
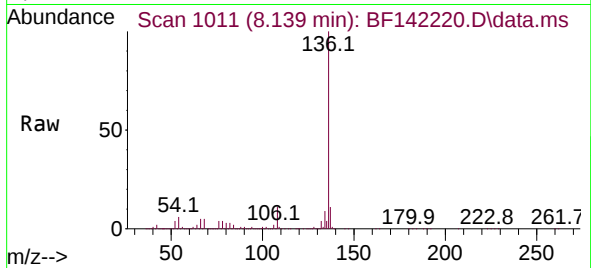




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

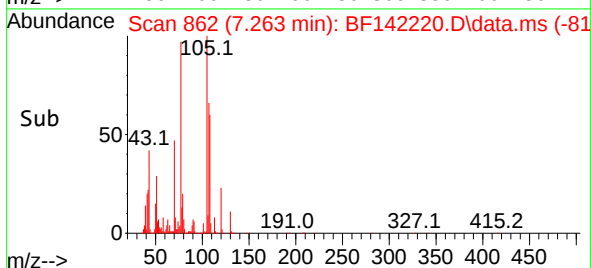
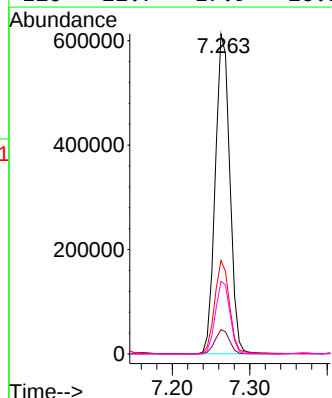
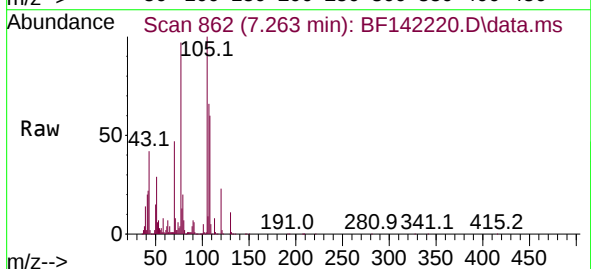
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

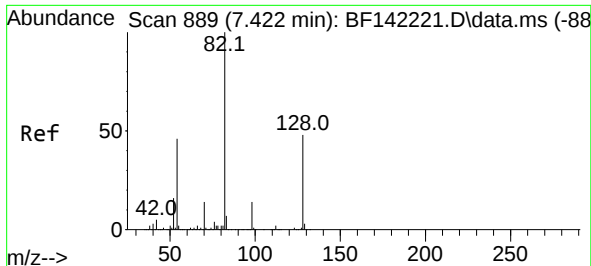
Tgt Ion:136 Resp: 1646223
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.2 4.7 7.1
68 4.7 3.5 5.3



#22
Acetophenone
Concen: 20.996 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:105 Resp: 799610
Ion Ratio Lower Upper
105 100
71 7.6 5.7 8.5
51 29.2 23.5 35.3
120 22.7 17.9 26.9





#23

Nitrobenzene-d5

Concen: 42.284 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

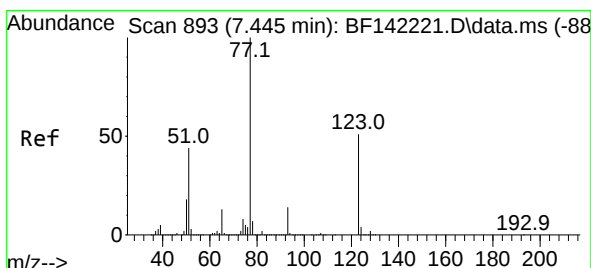
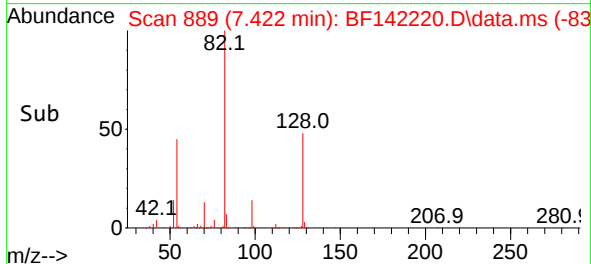
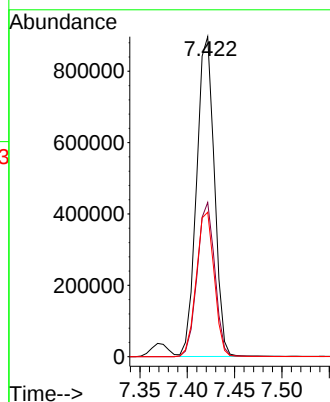
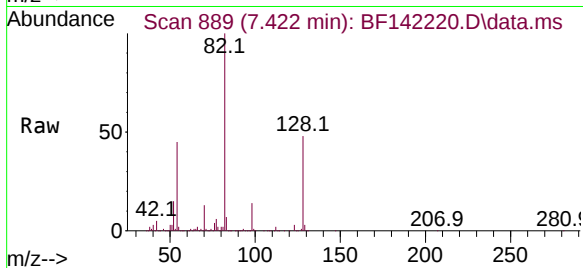
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 1168306

Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.3	57.5
54	45.2	36.4	54.6



#24

Nitrobenzene

Concen: 20.880 ng

RT: 7.439 min Scan# 892

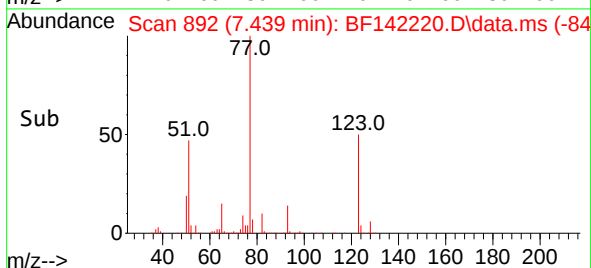
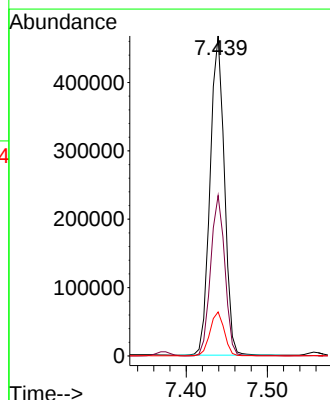
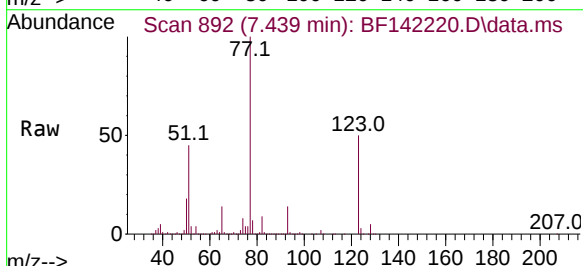
Delta R.T. -0.006 min

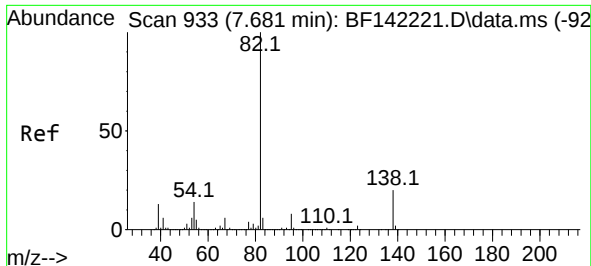
Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Tgt Ion: 77 Resp: 569912

Ion	Ratio	Lower	Upper
77	100		
123	50.1	41.0	61.6
65	13.8	10.6	16.0

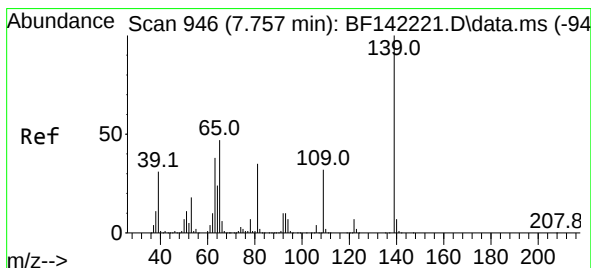
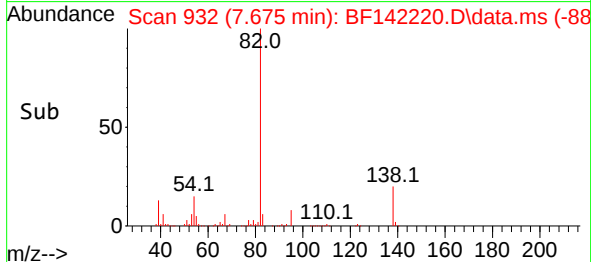
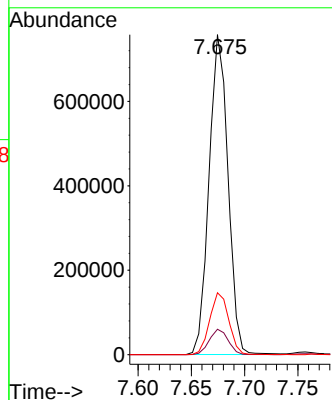
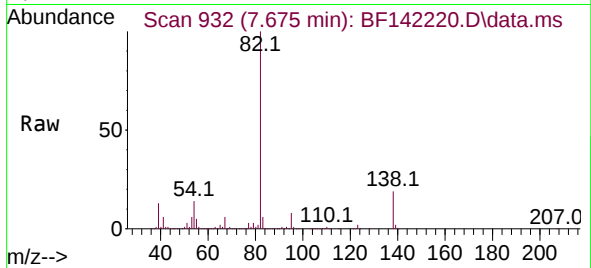




#25
Isophorone
Concen: 20.684 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

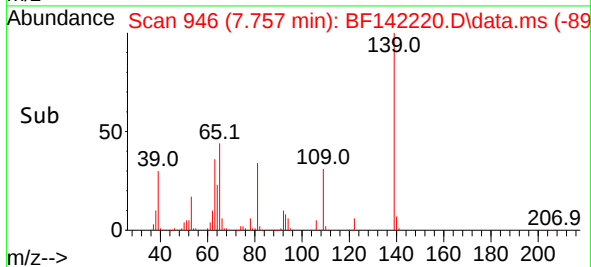
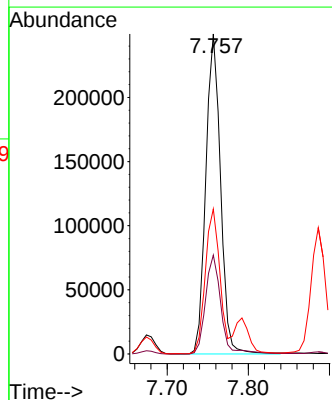
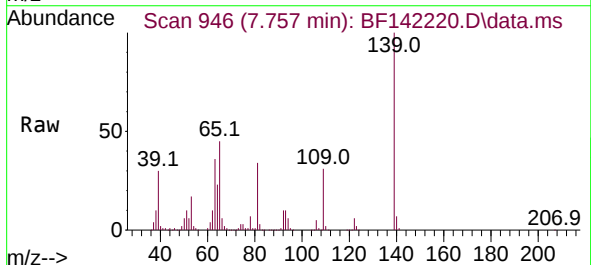
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

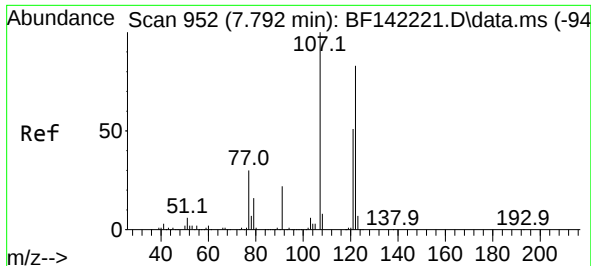
Tgt Ion: 82 Resp: 937069
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 19.4 16.2 24.2



#26
2-Nitrophenol
Concen: 20.921 ng
RT: 7.757 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:139 Resp: 313592
Ion Ratio Lower Upper
139 100
109 30.9 25.5 38.3
65 45.3 37.4 56.2





#27

2,4-Dimethylphenol

Concen: 20.732 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

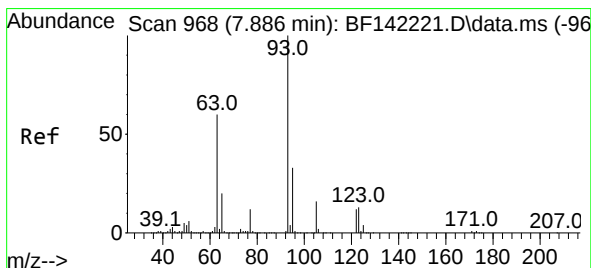
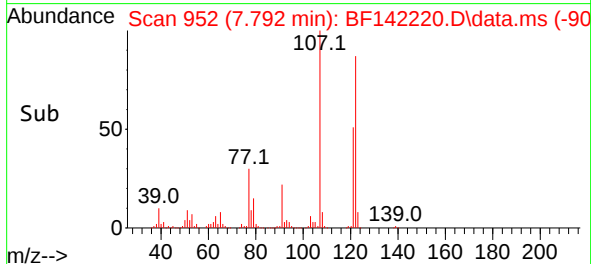
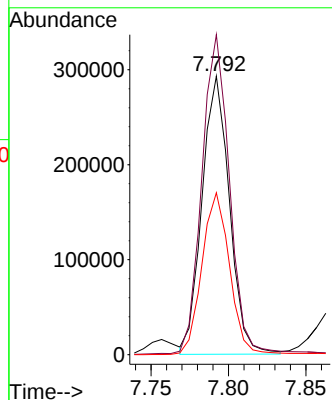
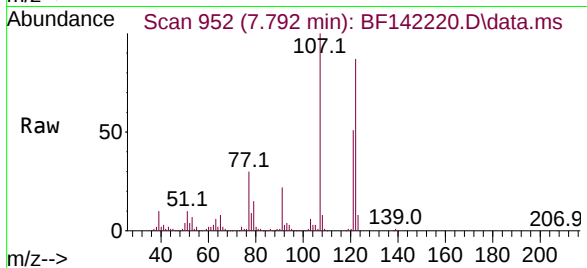
Tgt Ion:122 Resp: 361131

Ion Ratio Lower Upper

122 100

107 114.9 94.6 141.8

121 58.1 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 20.854 ng

RT: 7.886 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

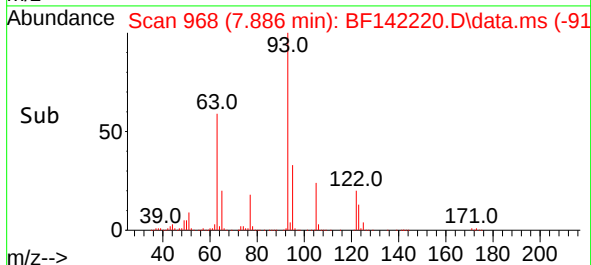
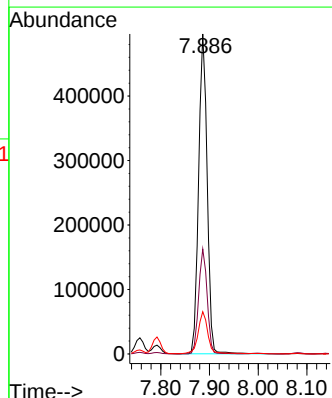
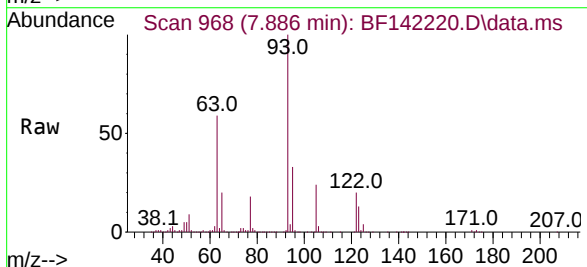
Tgt Ion: 93 Resp: 609403

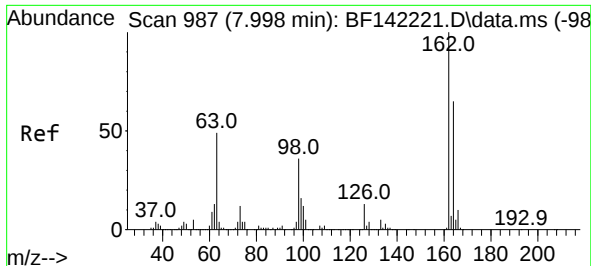
Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

123 13.2 10.6 15.8

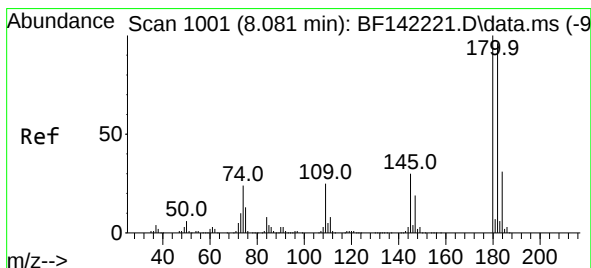
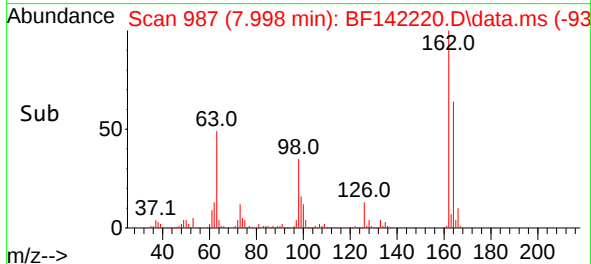
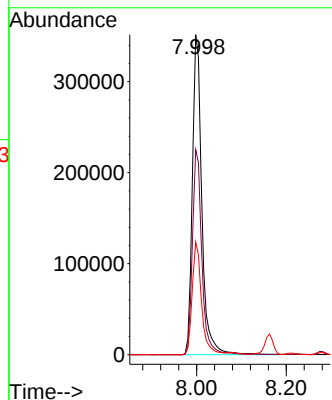
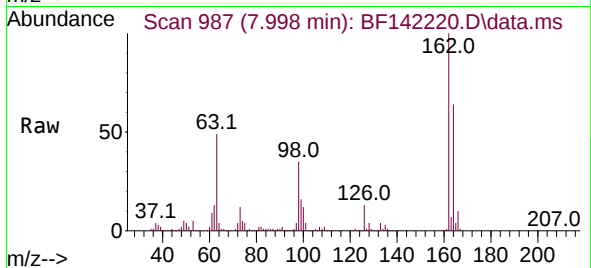




#29
2,4-Dichlorophenol
Concen: 21.007 ng
RT: 7.998 min Scan# 98
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

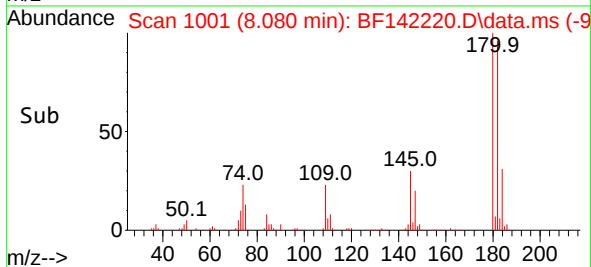
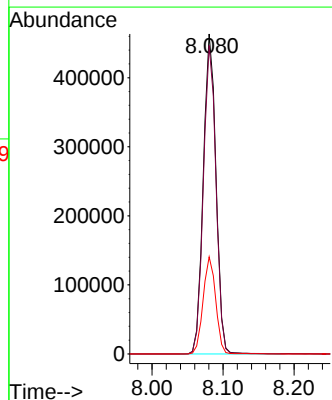
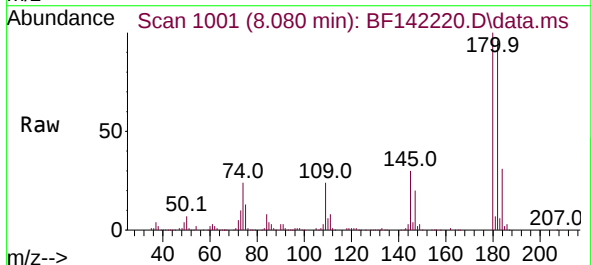
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

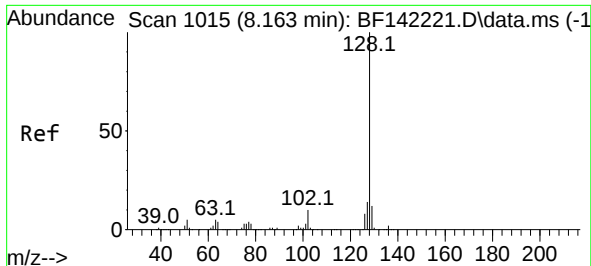
Tgt Ion:162 Resp: 515510
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 35.2 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 20.832 ng
RT: 8.080 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:180 Resp: 576808
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
145 30.3 24.3 36.5

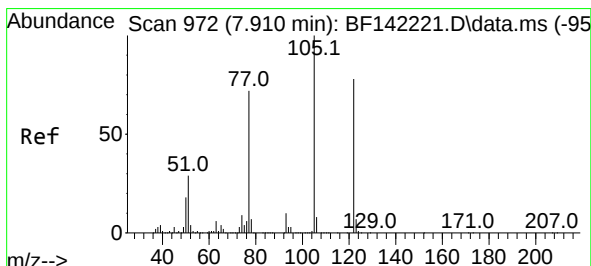
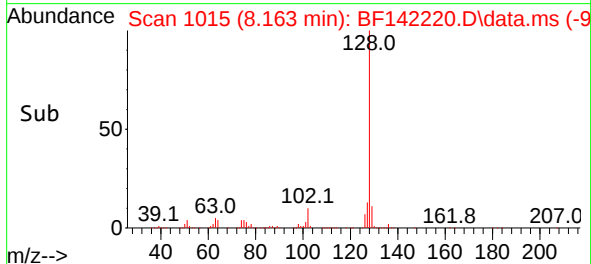
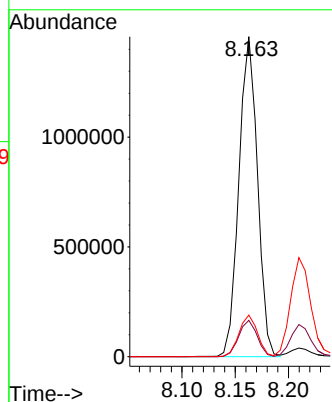
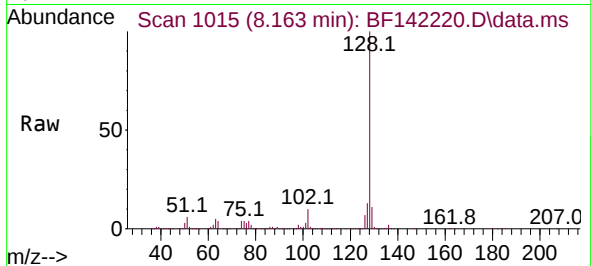




#31
Naphthalene
Concen: 21.920 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

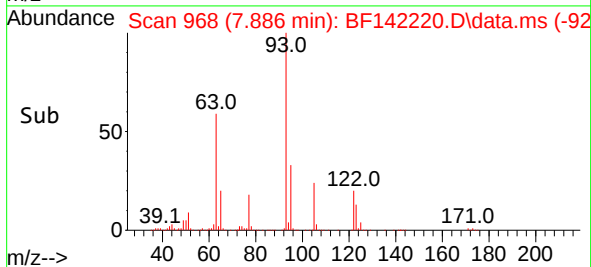
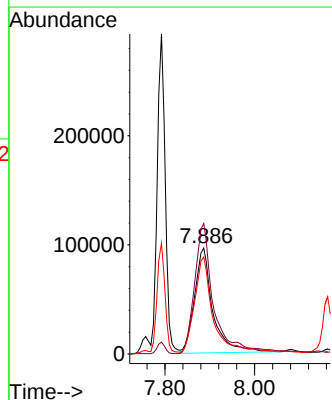
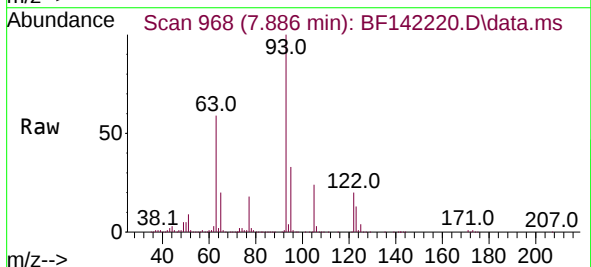
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

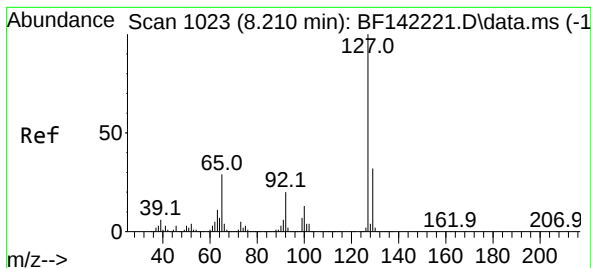
Tgt Ion:128 Resp: 1773602
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.0 11.0 16.4



#32
Benzoic acid
Concen: 17.399 ng
RT: 7.886 min Scan# 968
Delta R.T. -0.024 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:122 Resp: 274437
Ion Ratio Lower Upper
122 100
105 123.1 104.9 144.9
77 91.6 70.3 110.3





#33

4-Chloroaniline

Concen: 21.517 ng

RT: 8.210 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 613121

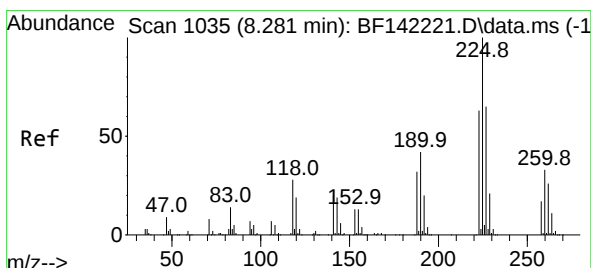
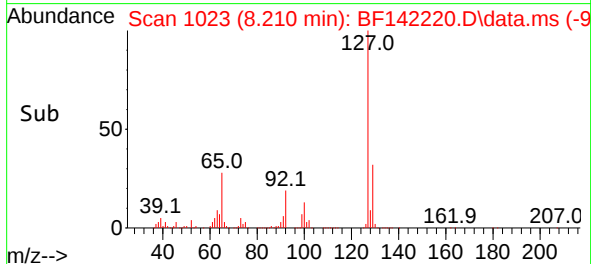
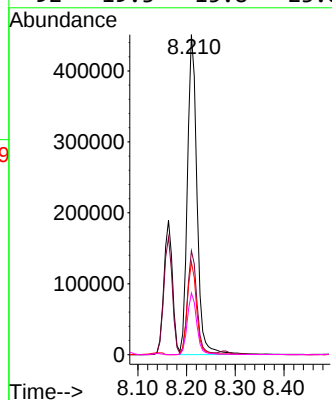
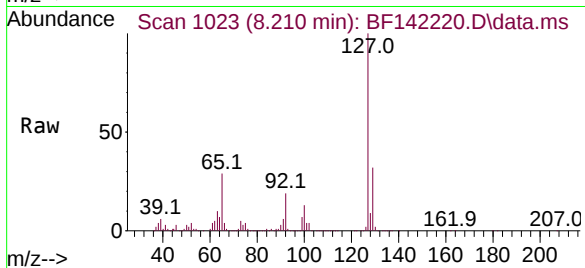
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 28.9 22.8 34.2

92 19.3 15.8 23.8



#34

Hexachlorobutadiene

Concen: 20.746 ng

RT: 8.280 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

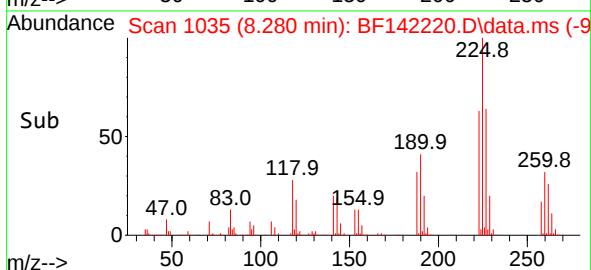
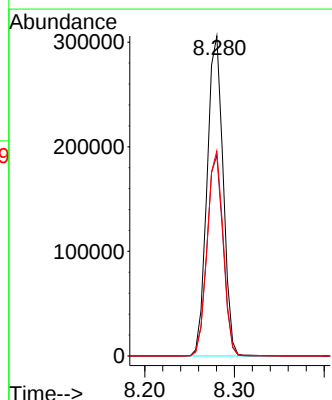
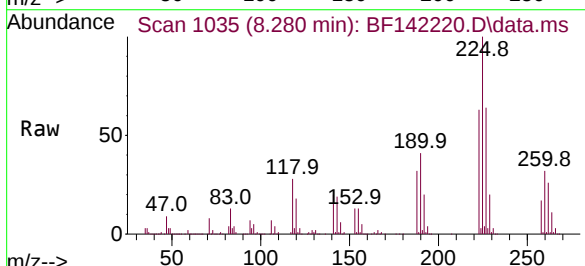
Tgt Ion:225 Resp: 378642

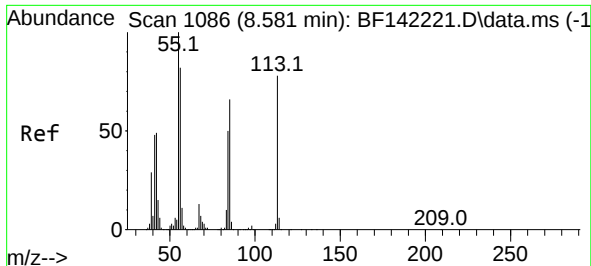
Ion Ratio Lower Upper

225 100

223 62.6 50.3 75.5

227 64.1 51.9 77.9

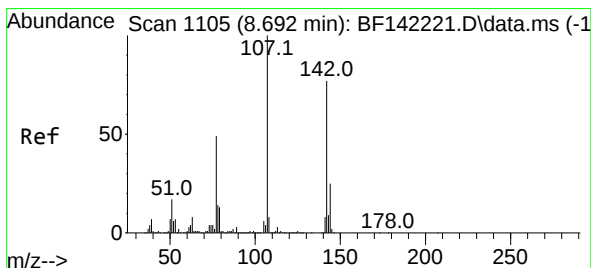
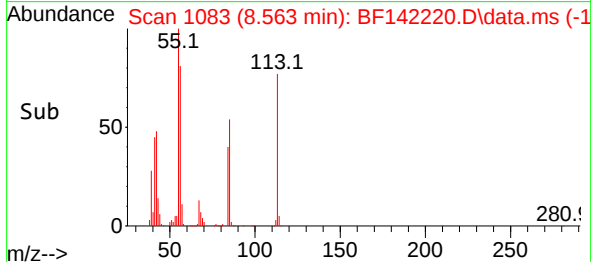
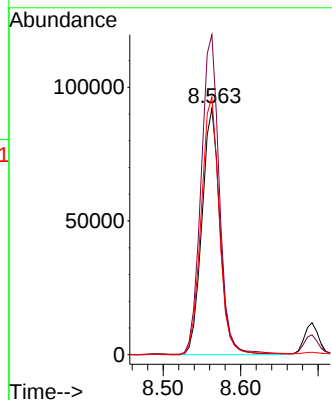
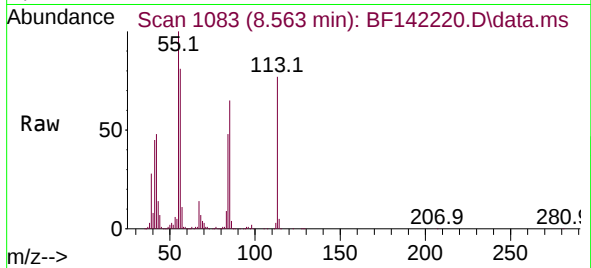




#35
Caprolactam
Concen: 20.628 ng
RT: 8.563 min Scan# 1083
Delta R.T. -0.018 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

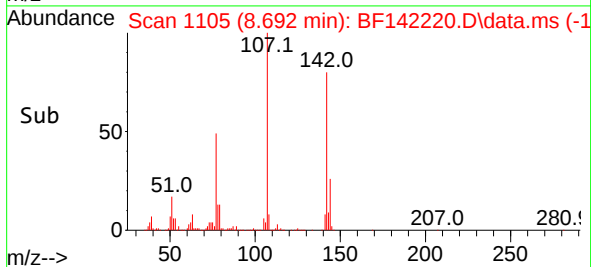
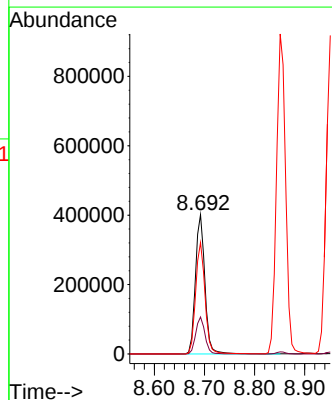
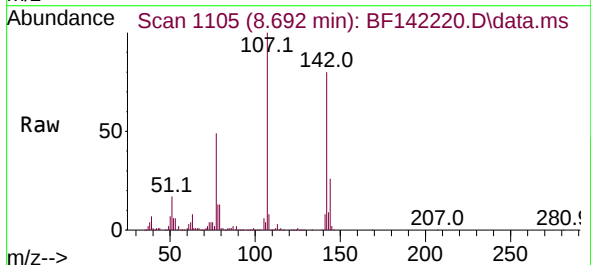
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

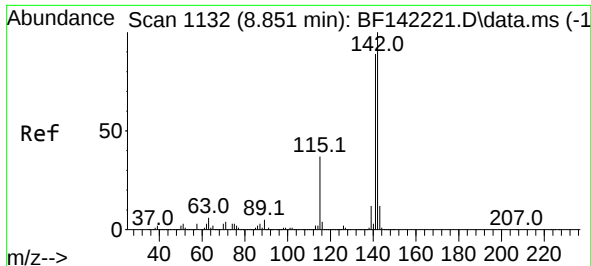
Tgt Ion:113 Resp: 148669
Ion Ratio Lower Upper
113 100
55 129.9 107.8 147.8
56 104.6 84.5 124.5



#36
4-Chloro-3-methylphenol
Concen: 20.508 ng
RT: 8.692 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:107 Resp: 523178
Ion Ratio Lower Upper
107 100
144 26.5 19.7 29.5
142 79.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 21.326 ng

RT: 8.851 min Scan# 1132

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

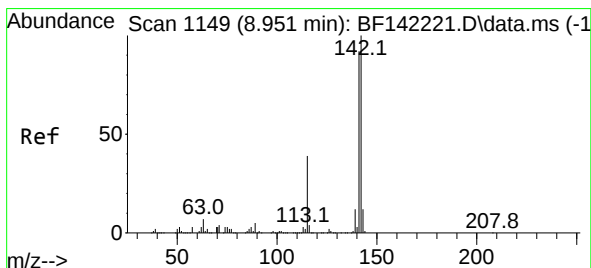
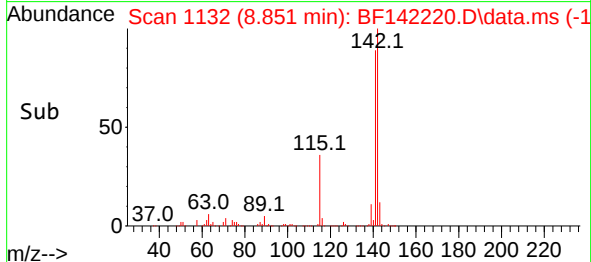
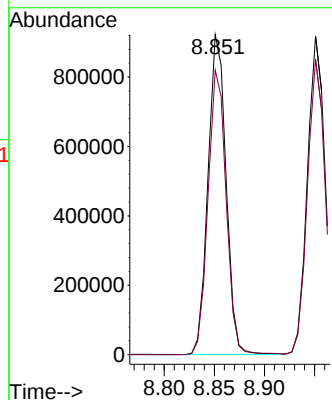
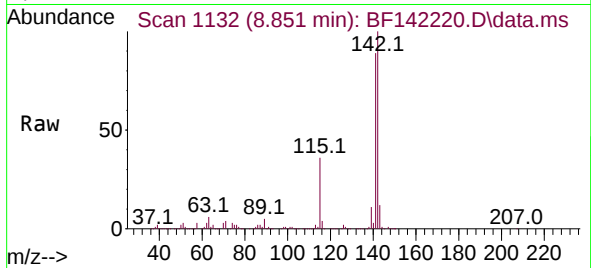
SSTDICC020

Tgt Ion:142 Resp: 1157896

Ion Ratio Lower Upper

142 100

141 89.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 21.120 ng

RT: 8.951 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BF142220.D

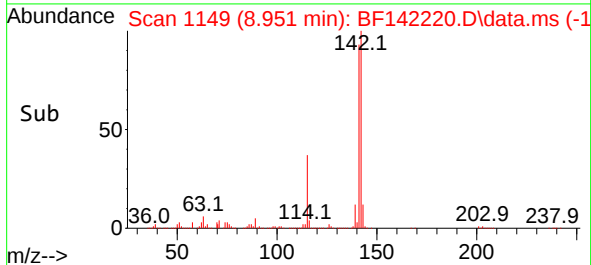
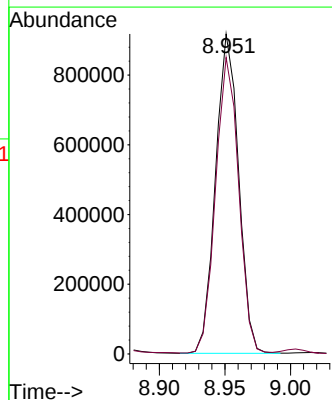
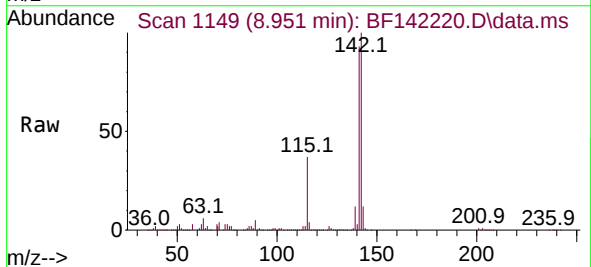
Acq: 23 Apr 2025 12:19

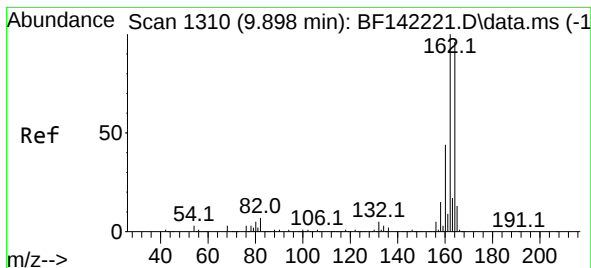
Tgt Ion:142 Resp: 1117215

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

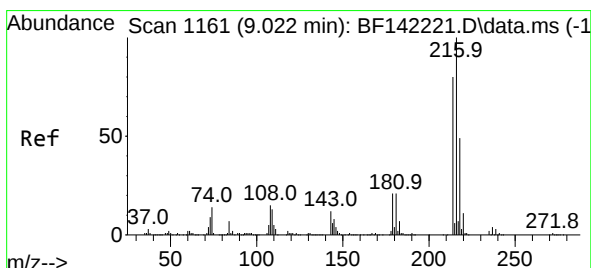
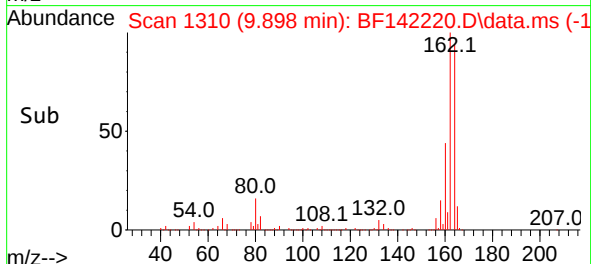
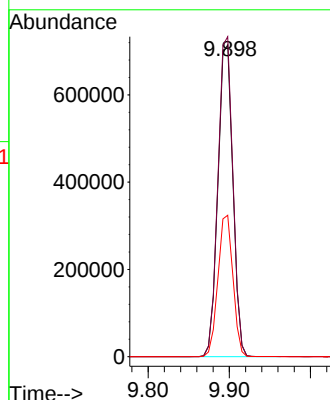
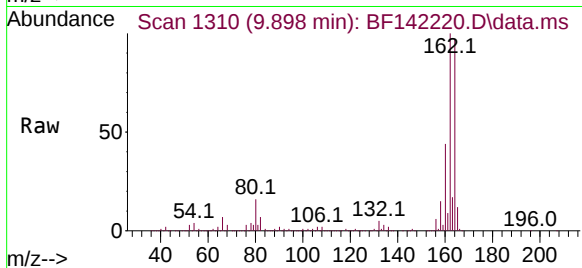
Tgt Ion:164 Resp: 918262

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

160 45.4 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.991 ng

RT: 9.016 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Tgt Ion:216 Resp: 614579

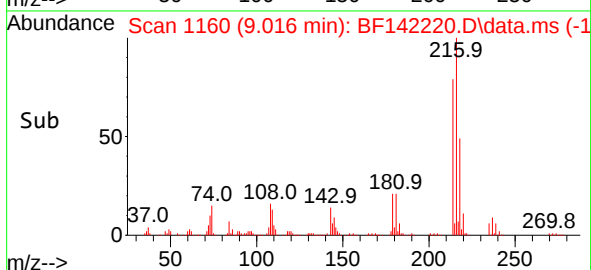
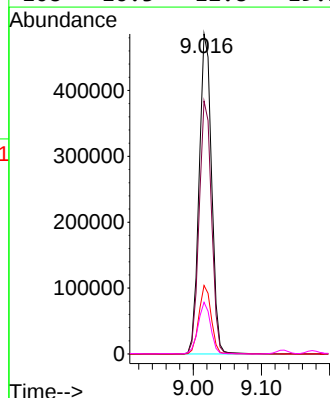
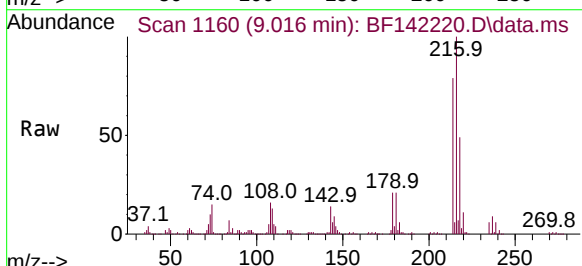
Ion Ratio Lower Upper

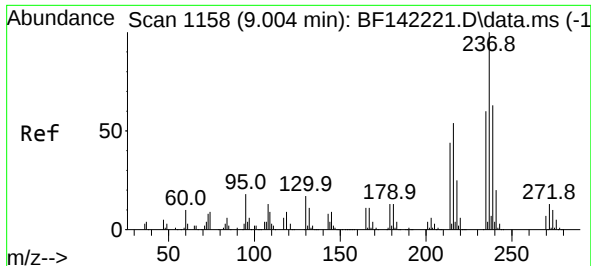
216 100

214 78.9 64.1 96.1

179 21.2 17.0 25.6

108 16.3 12.8 19.2

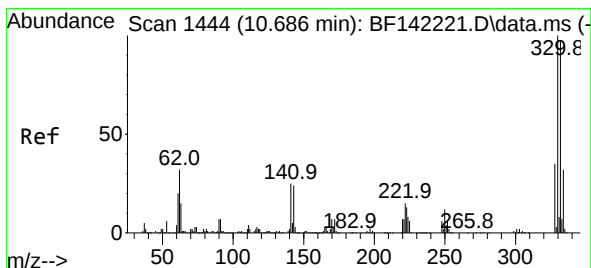
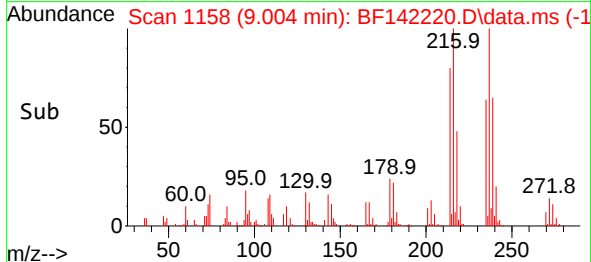
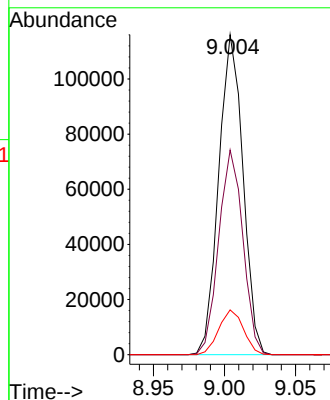
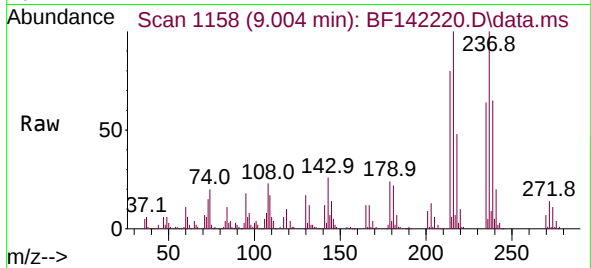




#41
Hexachlorocyclopentadiene
Concen: 19.429 ng
RT: 9.004 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

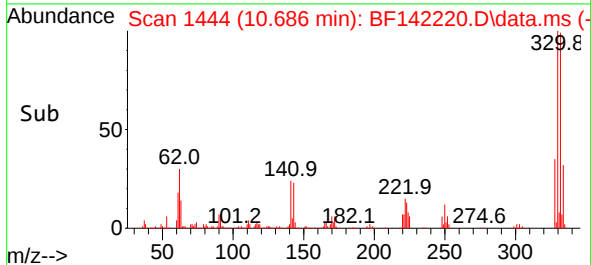
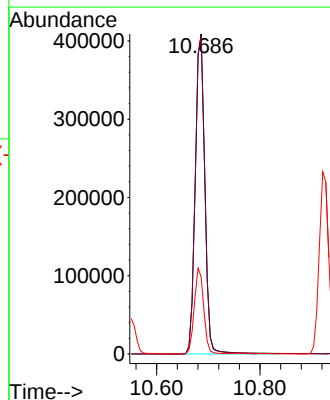
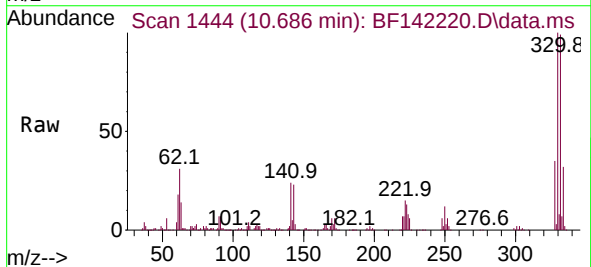
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

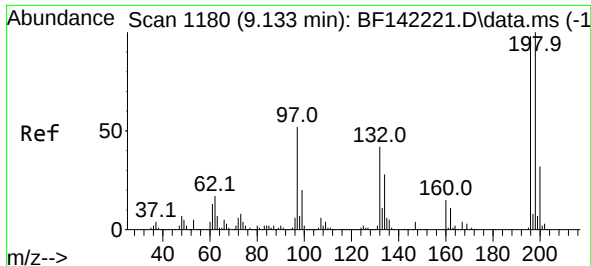
Tgt Ion:237 Resp: 137706
Ion Ratio Lower Upper
237 100
235 63.9 40.0 80.0
272 14.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 41.009 ng
RT: 10.686 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:330 Resp: 527858
Ion Ratio Lower Upper
330 100
332 99.0 77.2 115.8
141 26.3 20.2 30.4

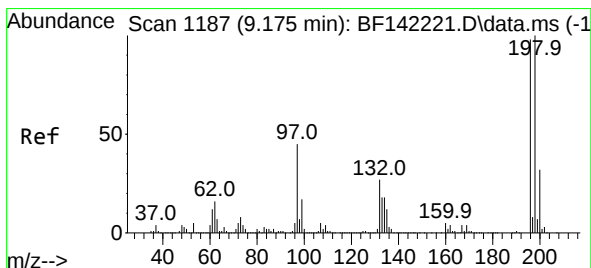
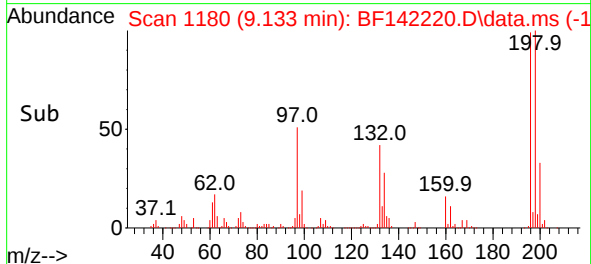
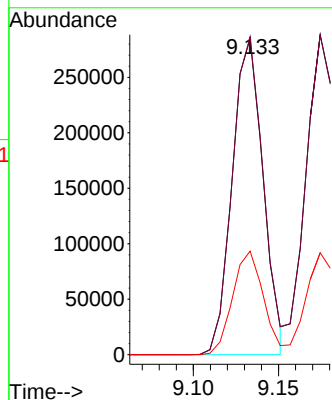
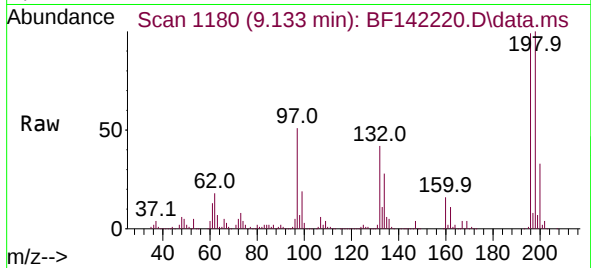




#43
2,4,6-Trichlorophenol
Concen: 20.237 ng
RT: 9.133 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

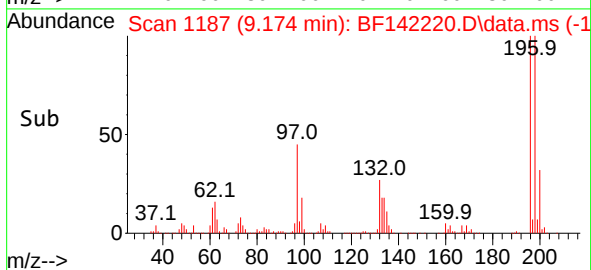
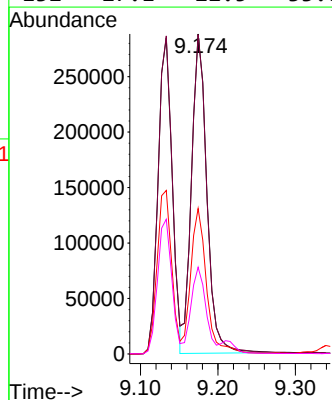
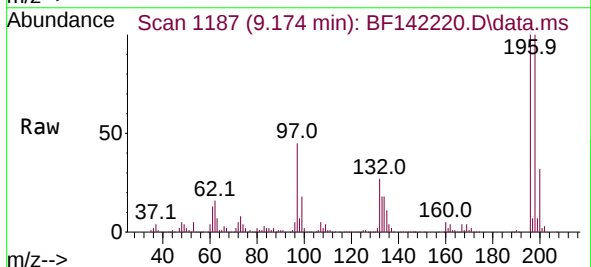
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

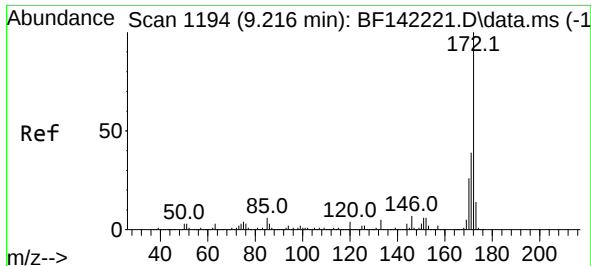
Tgt Ion:196 Resp: 358445
Ion Ratio Lower Upper
196 100
198 100.6 81.3 121.9
200 32.7 25.8 38.8



#44
2,4,5-Trichlorophenol
Concen: 20.876 ng
RT: 9.174 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:196 Resp: 396491
Ion Ratio Lower Upper
196 100
198 99.8 81.4 122.0
97 45.4 37.4 56.2
132 27.1 22.5 33.7

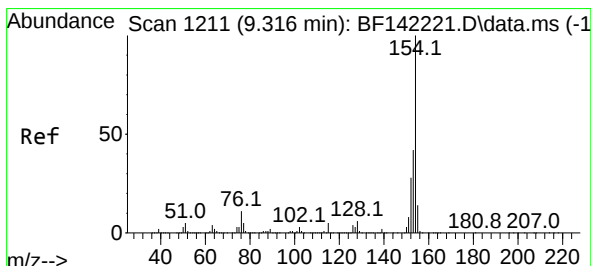
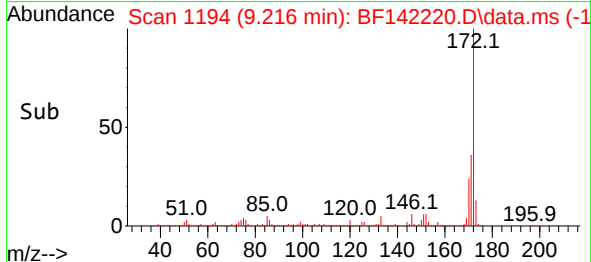
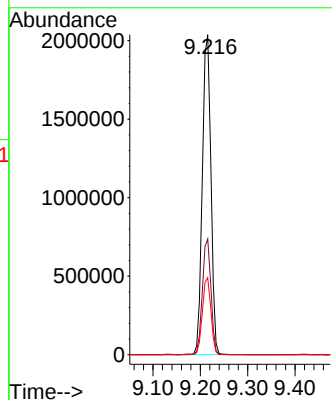
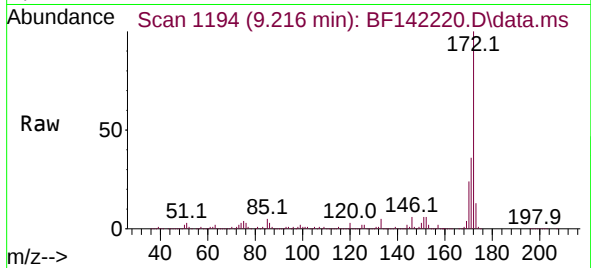




#45
2-Fluorobiphenyl
Concen: 44.864 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

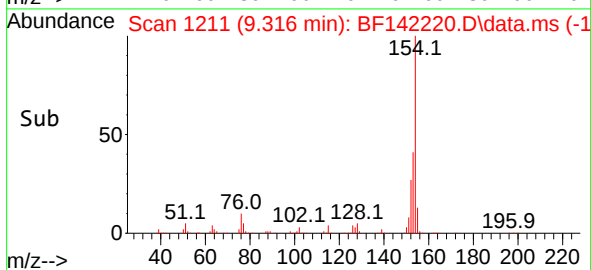
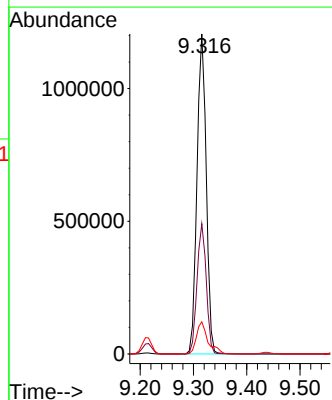
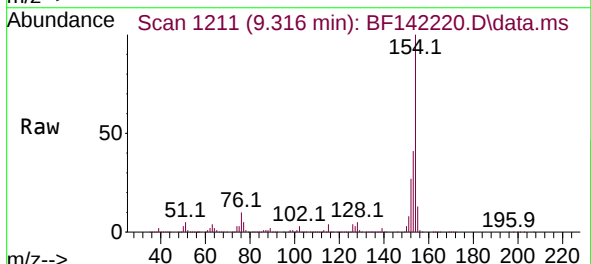
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

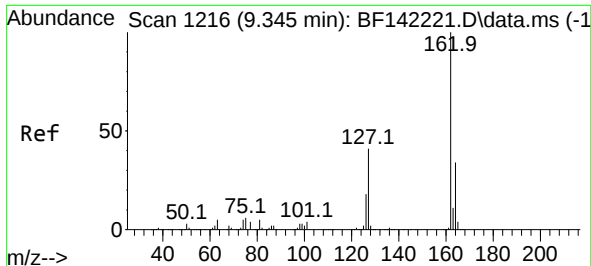
Tgt Ion:172 Resp: 2560188
Ion Ratio Lower Upper
172 100
171 36.1 30.9 46.3
170 24.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 21.533 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:154 Resp: 1456006
Ion Ratio Lower Upper
154 100
153 40.7 22.0 62.0
76 10.1 0.0 30.7

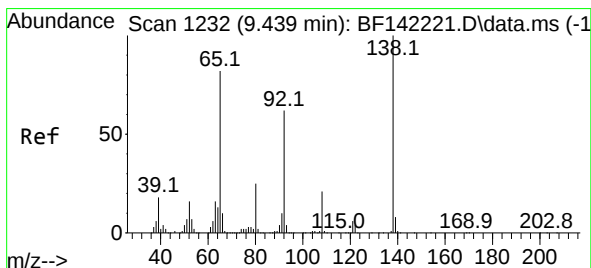
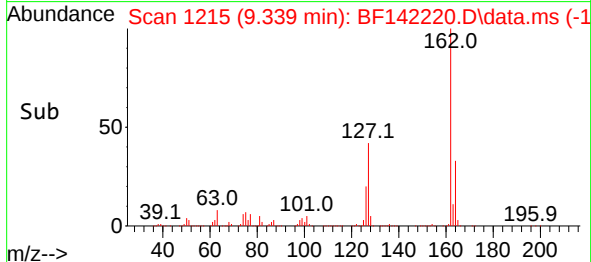
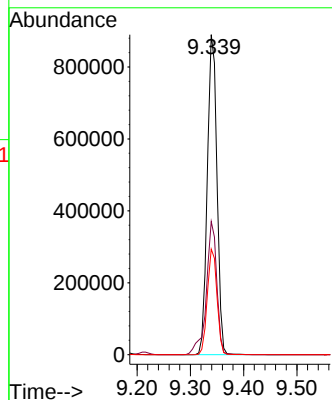
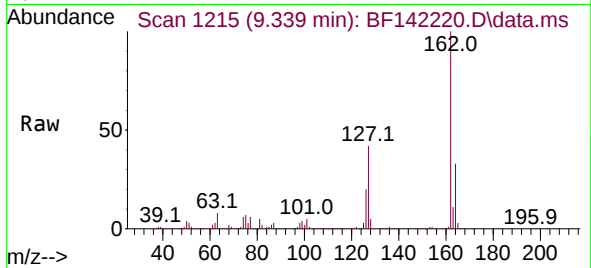




#47
2-Chloronaphthalene
Concen: 21.502 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

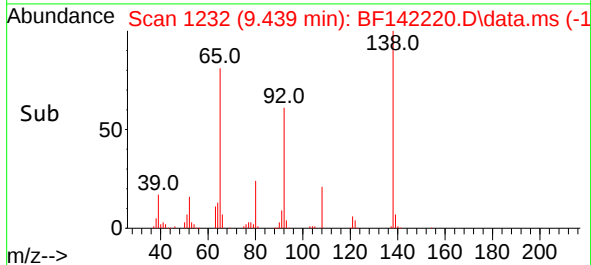
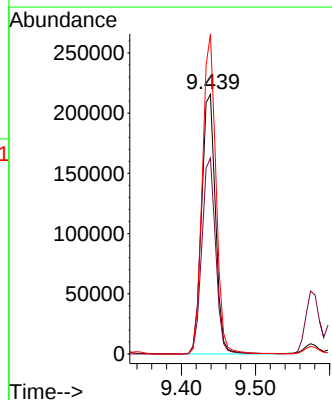
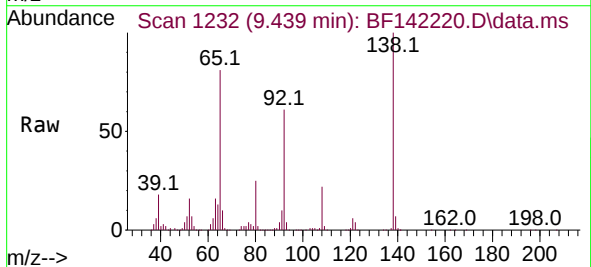
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

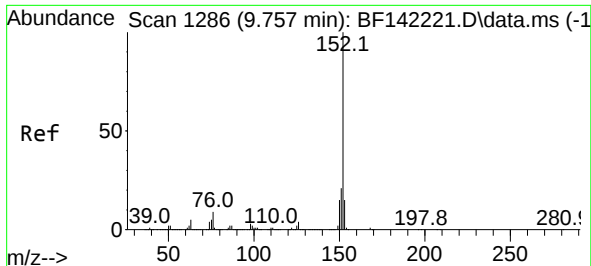
Tgt Ion:162 Resp: 1114850
Ion Ratio Lower Upper
162 100
127 41.6 33.4 50.0
164 33.0 26.9 40.3



#48
2-Nitroaniline
Concen: 20.955 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion: 65 Resp: 281197
Ion Ratio Lower Upper
65 100
92 75.4 60.6 91.0
138 123.2 97.8 146.6





#49

Acenaphthylene

Concen: 21.800 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

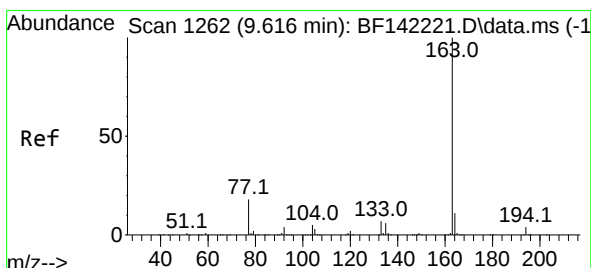
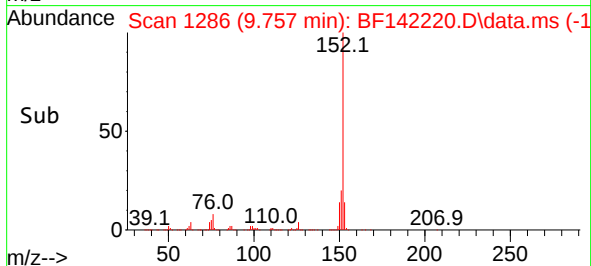
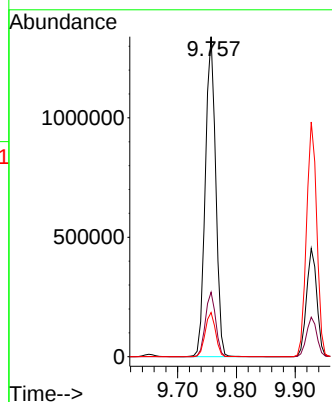
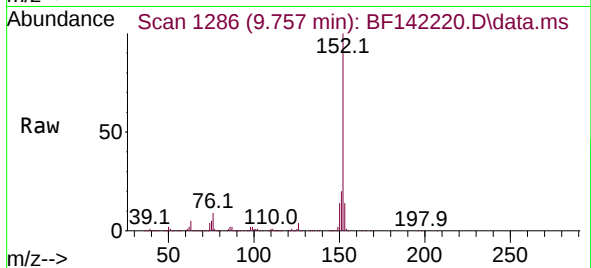
Tgt Ion:152 Resp: 1639487

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

153 13.8 11.6 17.4



#50

Dimethylphthalate

Concen: 20.968 ng

RT: 9.610 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

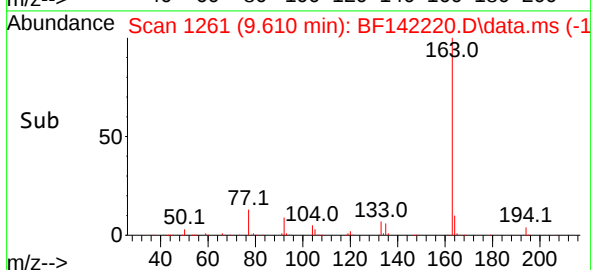
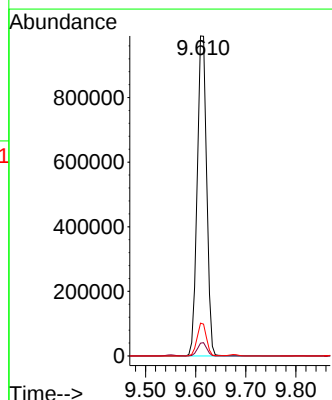
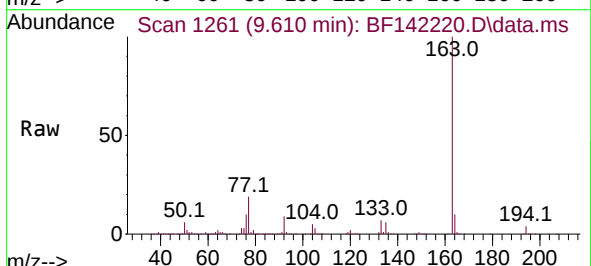
Tgt Ion:163 Resp: 1292993

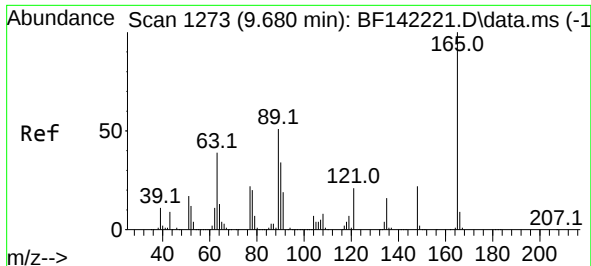
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.5 12.7

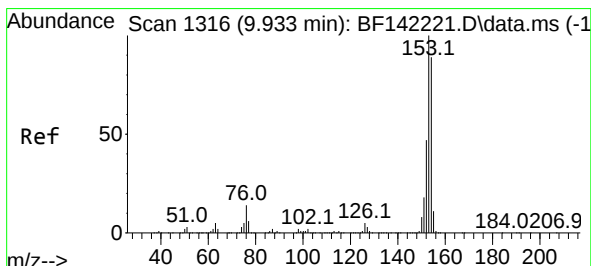
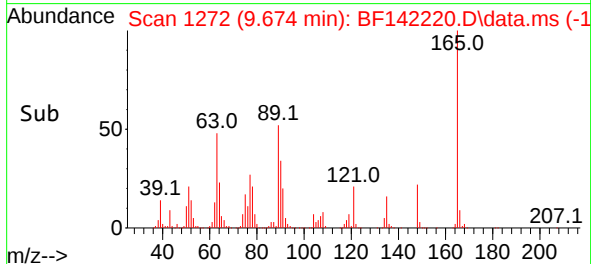
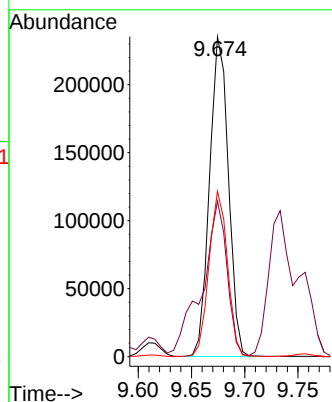
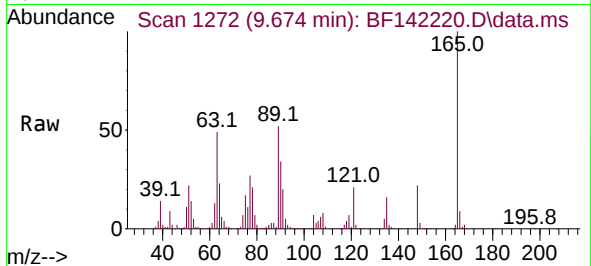




#51
2,6-Dinitrotoluene
Concen: 21.142 ng
RT: 9.674 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

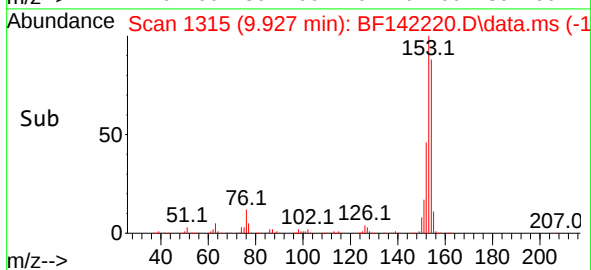
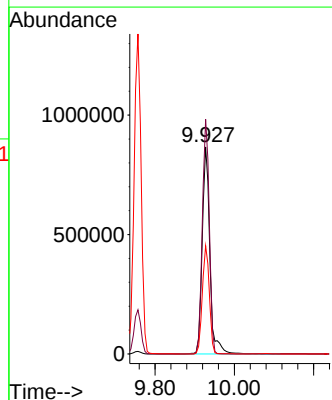
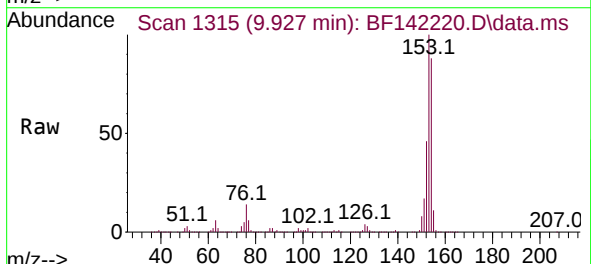
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

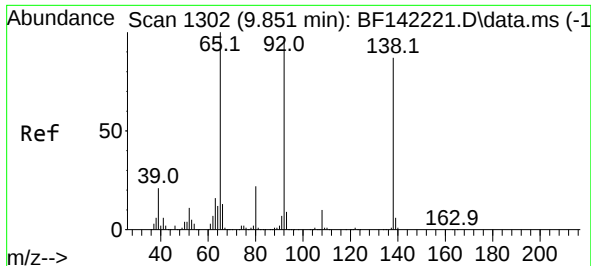
Tgt Ion:165 Resp: 290312
Ion Ratio Lower Upper
165 100
63 48.6 37.9 56.9
89 51.7 40.6 61.0



#52
Acenaphthene
Concen: 21.450 ng
RT: 9.927 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:154 Resp: 1152999
Ion Ratio Lower Upper
154 100
153 113.3 89.5 134.3
152 52.2 41.9 62.9

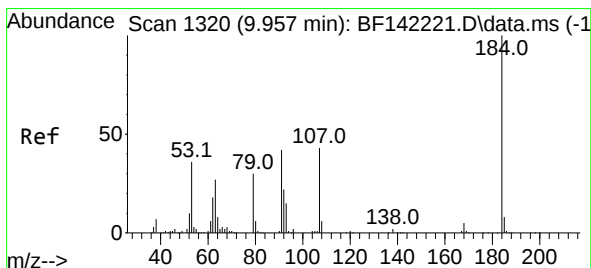
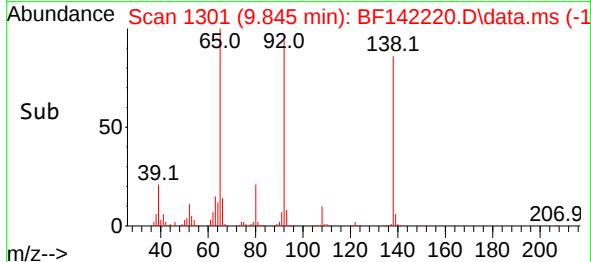
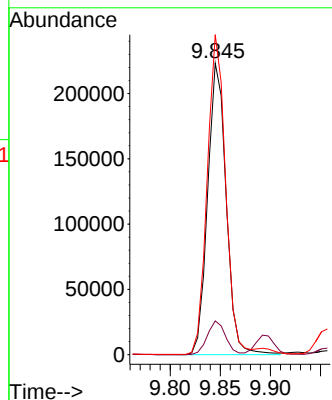
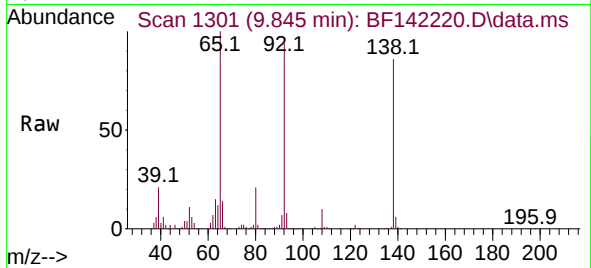




#53
3-Nitroaniline
Concen: 21.452 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

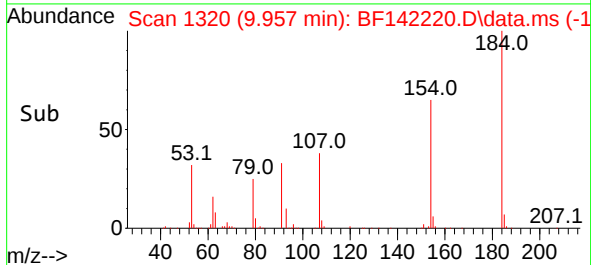
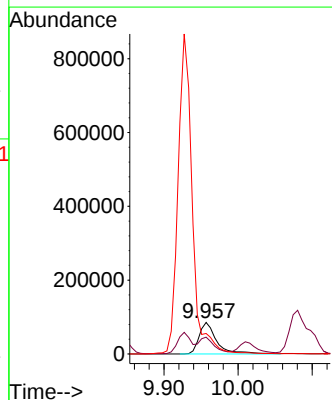
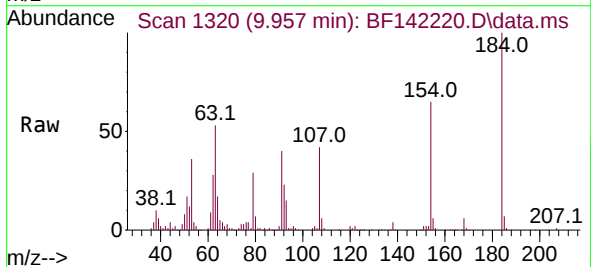
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

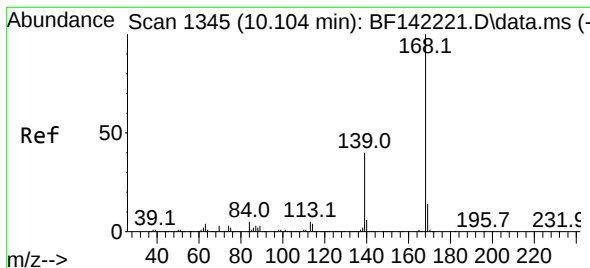
Tgt Ion:138 Resp: 288312
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.6
92 109.8 88.5 132.7



#54
2,4-Dinitrophenol
Concen: 18.949 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:184 Resp: 140941
Ion Ratio Lower Upper
184 100
63 53.1 44.6 66.8
154 65.1 54.2 81.4





#55

Dibenzofuran

Concen: 21.919 ng

RT: 10.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

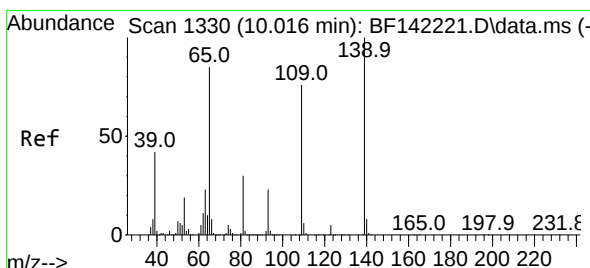
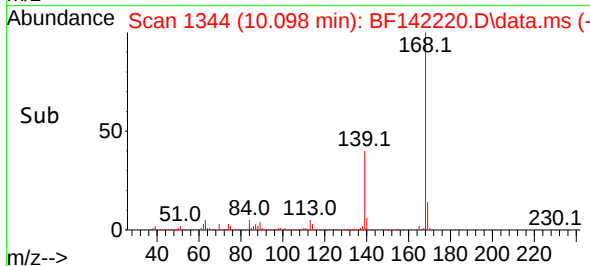
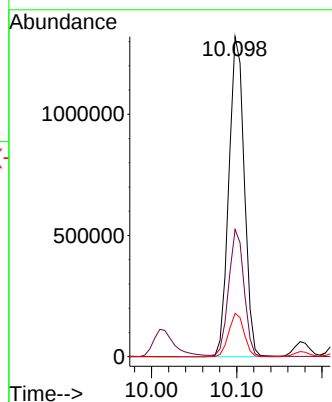
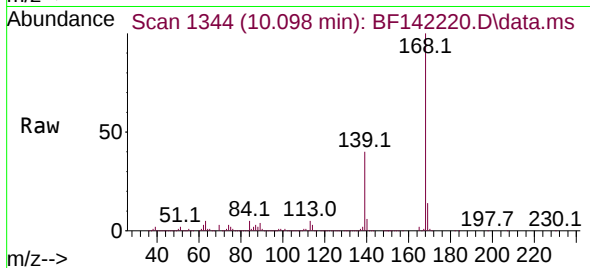
Tgt Ion:168 Resp: 1660969

Ion Ratio Lower Upper

168 100

139 39.8 32.6 48.8

169 13.6 11.2 16.8



#56

4-Nitrophenol

Concen: 19.850 ng

RT: 10.010 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

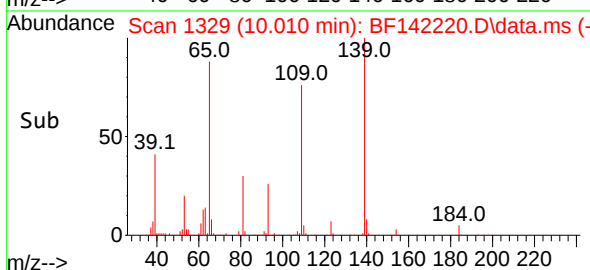
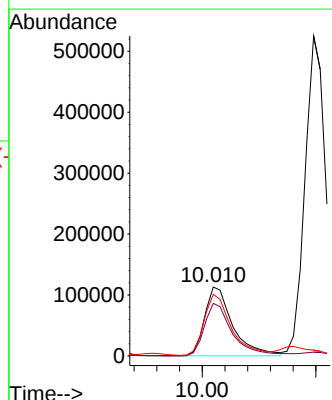
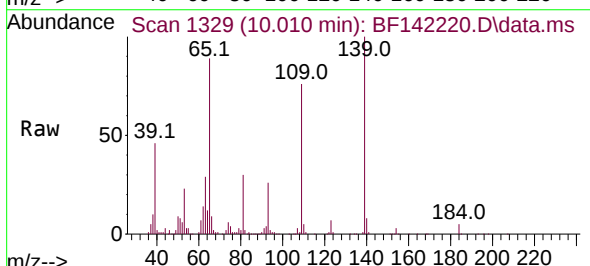
Tgt Ion:139 Resp: 194342

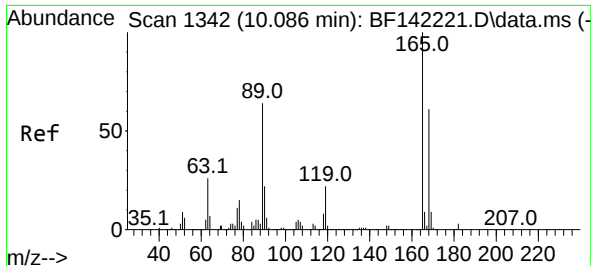
Ion Ratio Lower Upper

139 100

109 76.3 55.8 95.8

65 89.3 65.5 105.5

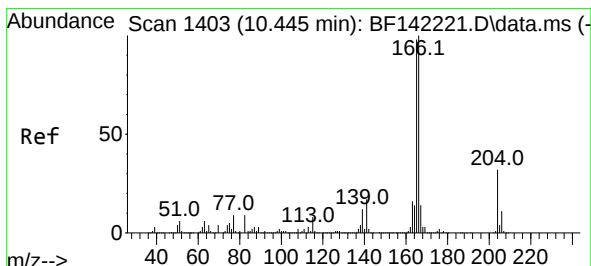
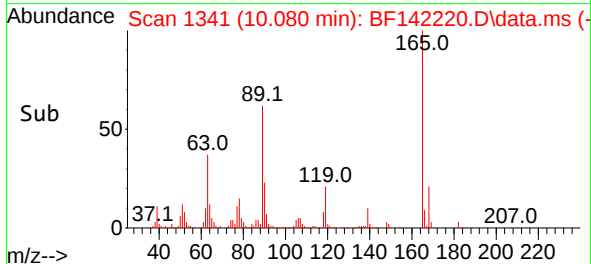
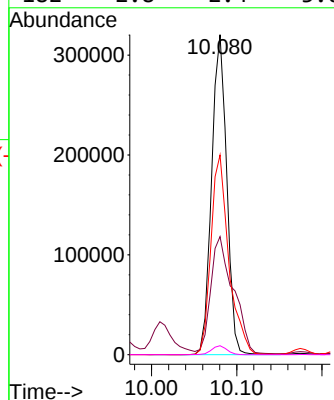
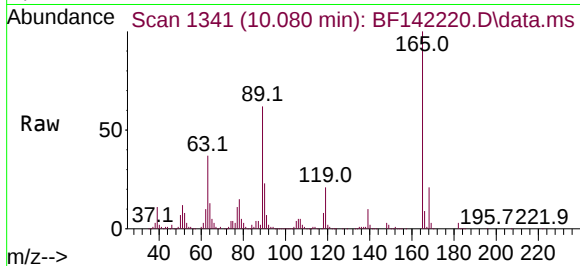




#57
2,4-Dinitrotoluene
Concen: 21.450 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

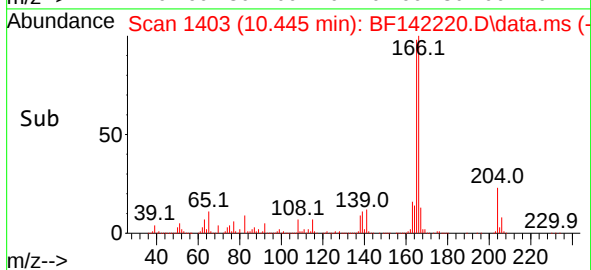
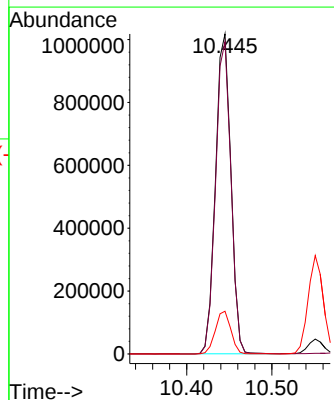
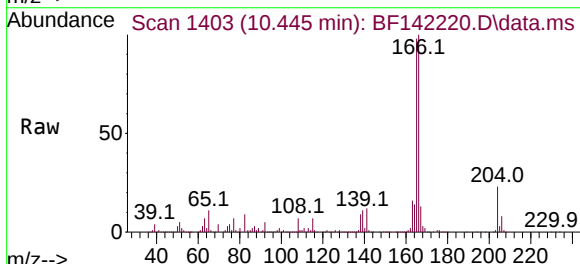
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

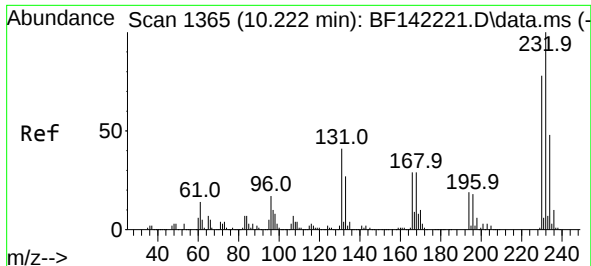
Tgt Ion:165 Resp: 394670
Ion Ratio Lower Upper
165 100
63 36.9 31.1 46.7
89 62.4 51.7 77.5
182 2.8 2.4 3.6



#58
Fluorene
Concen: 21.469 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:166 Resp: 1275544
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.3 11.0 16.4

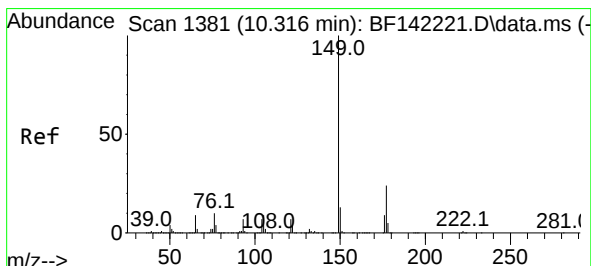
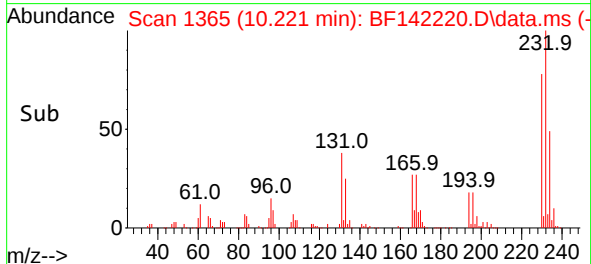
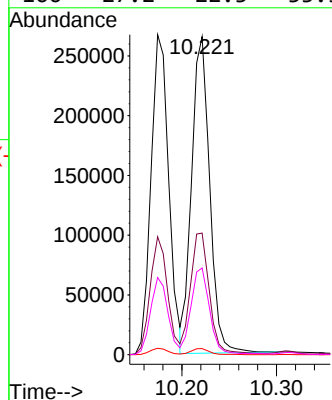
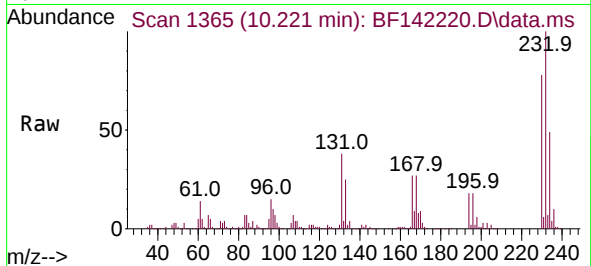




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.435 ng
RT: 10.221 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

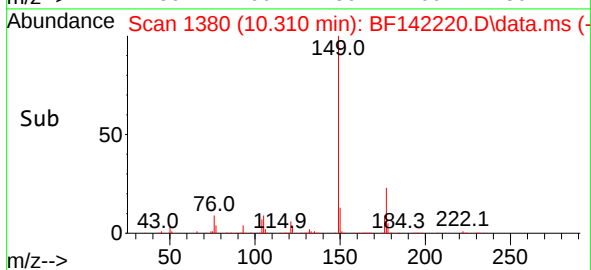
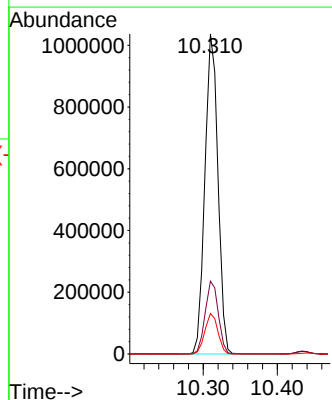
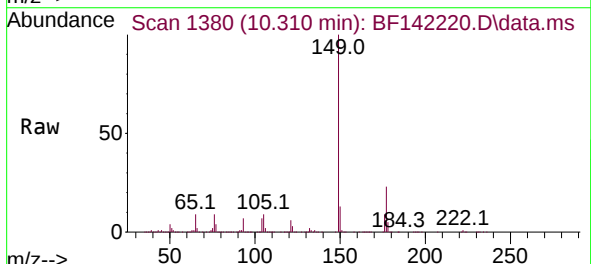
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

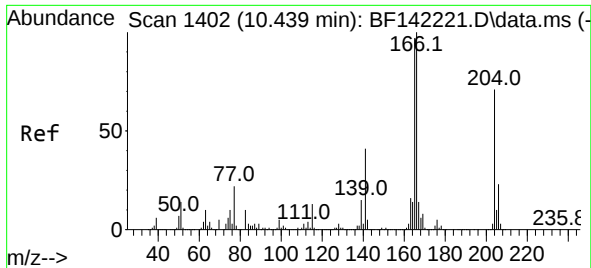
Tgt Ion:232 Resp: 352145
Ion Ratio Lower Upper
232 100
131 40.2 32.2 48.2
130 2.0 1.7 2.5
166 27.2 22.3 33.5



#60
Diethylphthalate
Concen: 21.495 ng
RT: 10.310 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:149 Resp: 1267640
Ion Ratio Lower Upper
149 100
177 22.7 19.0 28.6
150 12.7 10.3 15.5

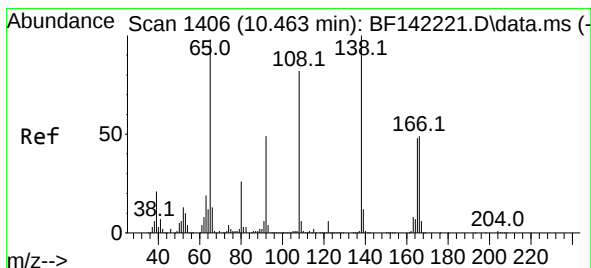
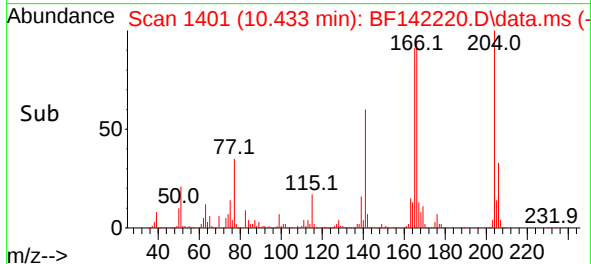
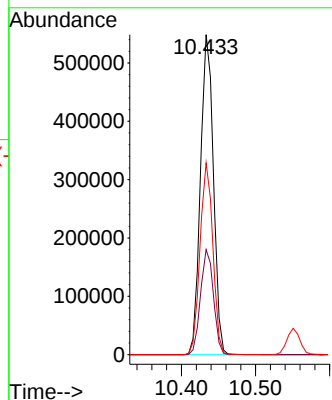
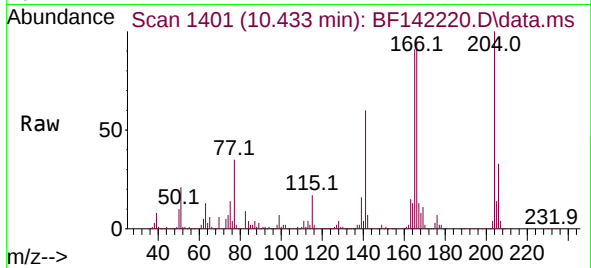




#61
4-Chlorophenyl-phenylether
Concen: 21.135 ng
RT: 10.433 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

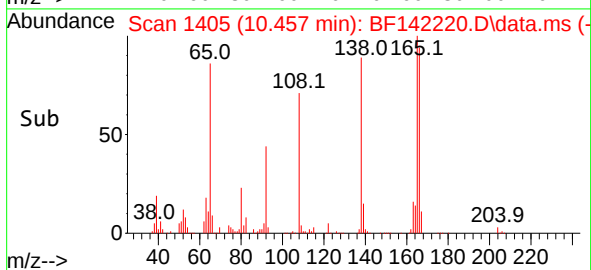
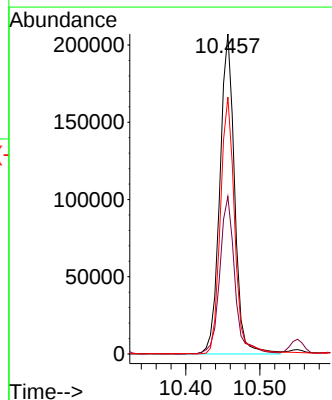
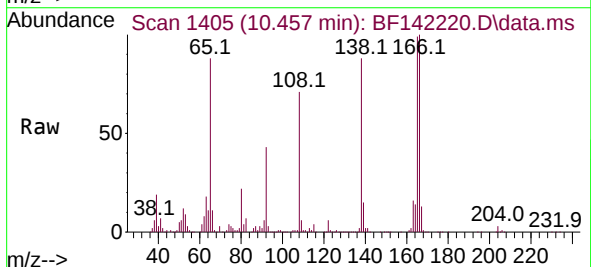
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

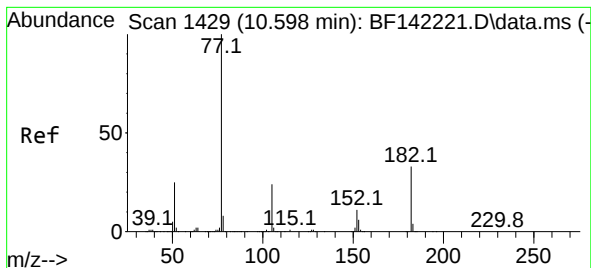
Tgt Ion:204 Resp: 664796
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 59.9 46.4 69.6



#62
4-Nitroaniline
Concen: 21.566 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:138 Resp: 286701
Ion Ratio Lower Upper
138 100
92 49.2 29.3 69.3
108 80.3 61.6 101.6





#63

Azobenzene

Concen: 21.695 ng

RT: 10.592 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 1109731

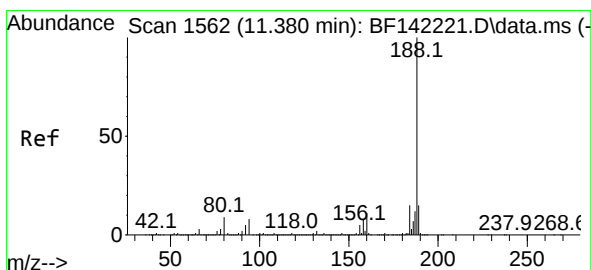
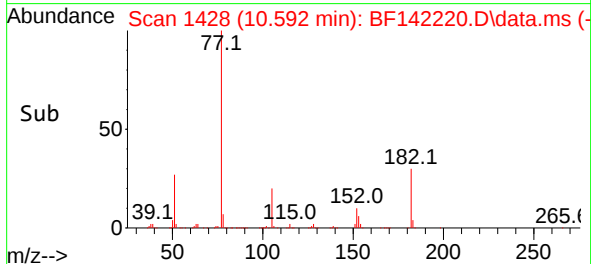
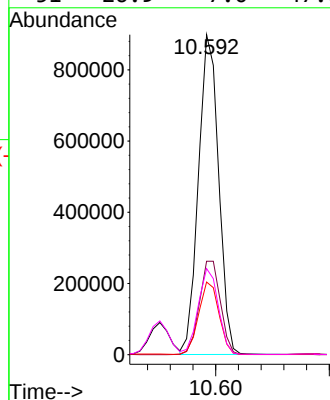
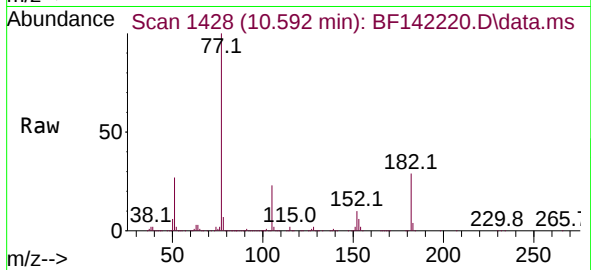
Ion Ratio Lower Upper

77 100

182 29.2 12.6 52.6

105 22.7 3.1 43.1

51 26.9 7.0 47.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1562

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

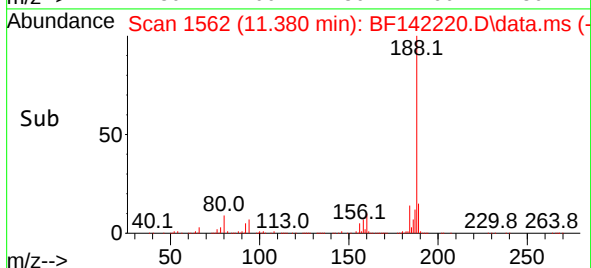
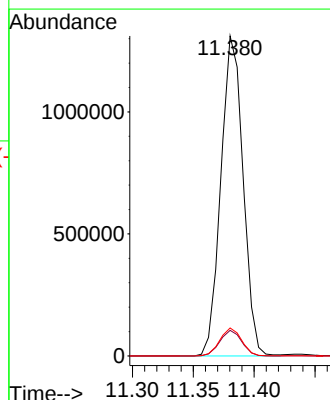
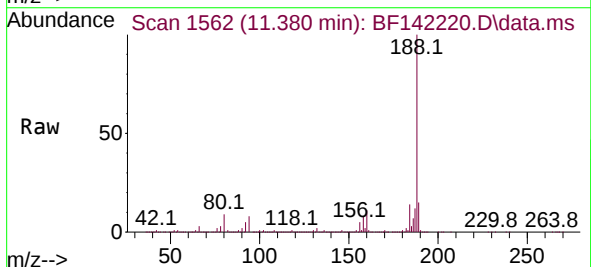
Tgt Ion: 188 Resp: 1665177

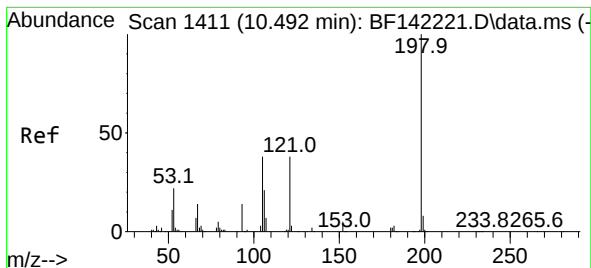
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.7 7.0 10.6

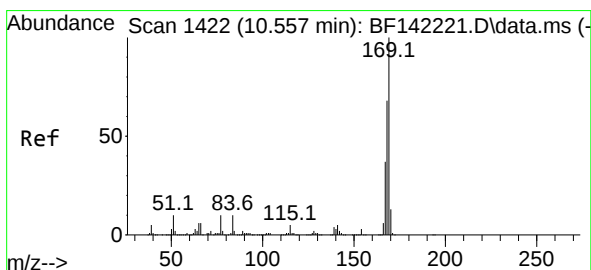
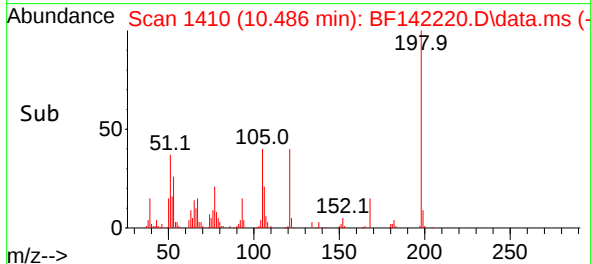
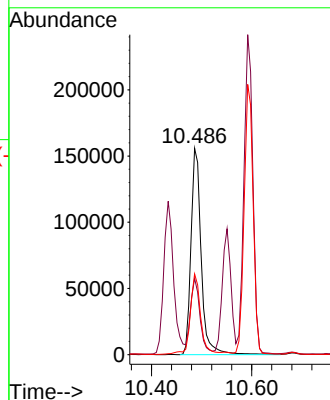
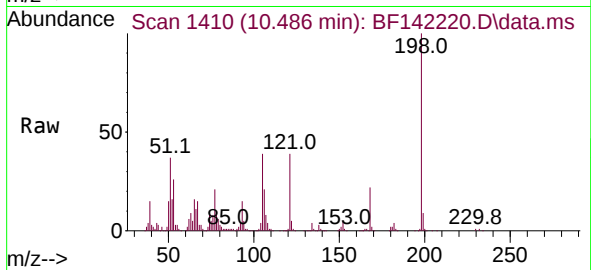




#65
4,6-Dinitro-2-methylphenol
Concen: 19.841 ng
RT: 10.486 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

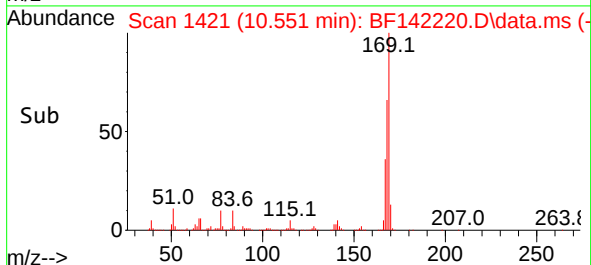
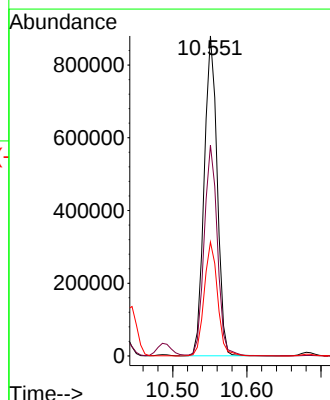
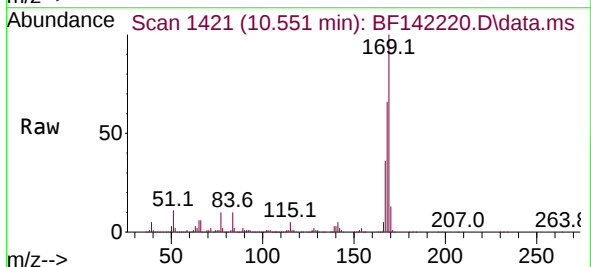
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

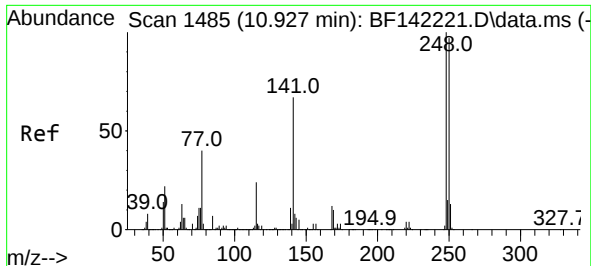
Tgt Ion:198 Resp: 220373
Ion Ratio Lower Upper
198 100
51 37.0 13.5 53.5
105 39.1 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 20.911 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:169 Resp: 1069884
Ion Ratio Lower Upper
169 100
168 65.9 54.2 81.4
167 35.6 29.4 44.0

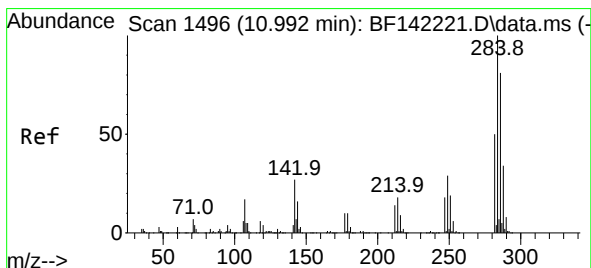
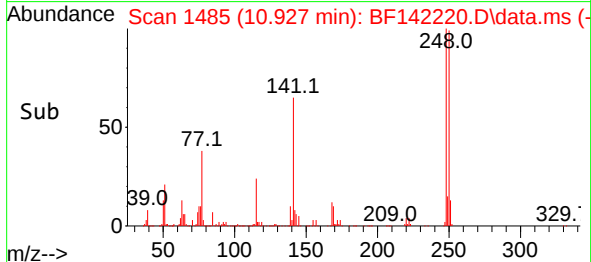
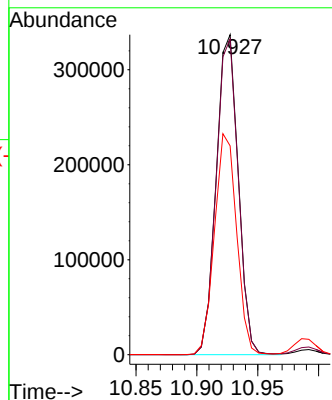
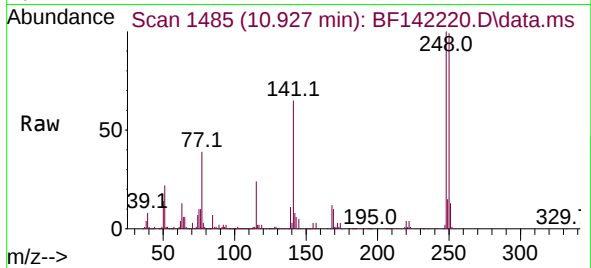




#67
4-Bromophenyl-phenylether
Concen: 20.318 ng
RT: 10.927 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

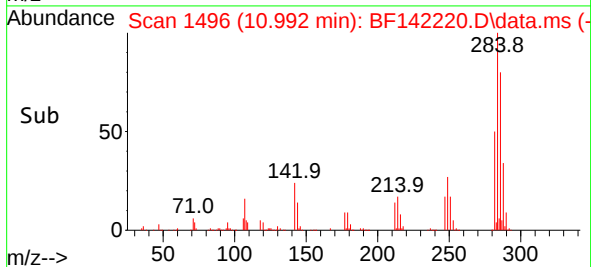
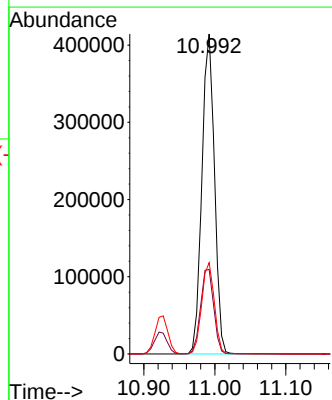
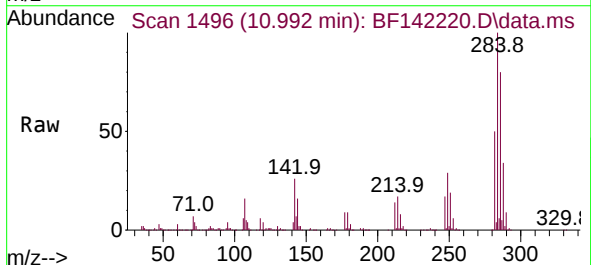
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

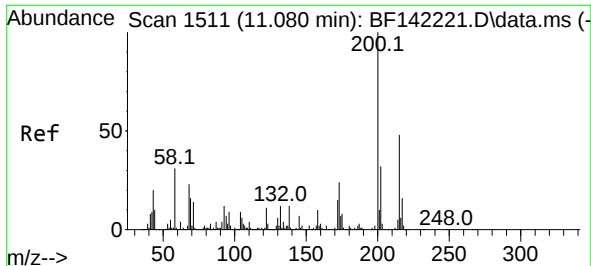
Tgt Ion:248 Resp: 424643
Ion Ratio Lower Upper
248 100
250 98.7 77.9 116.9
141 65.3 53.3 79.9



#68
Hexachlorobenzene
Concen: 20.617 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:284 Resp: 511575
Ion Ratio Lower Upper
284 100
142 26.4 21.7 32.5
249 28.5 23.4 35.2

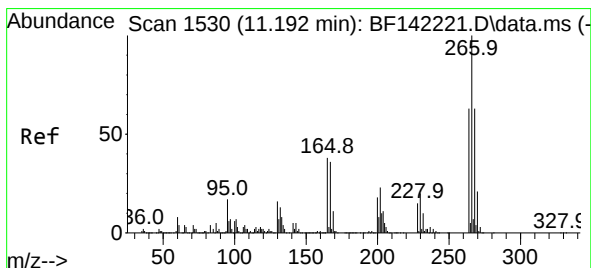
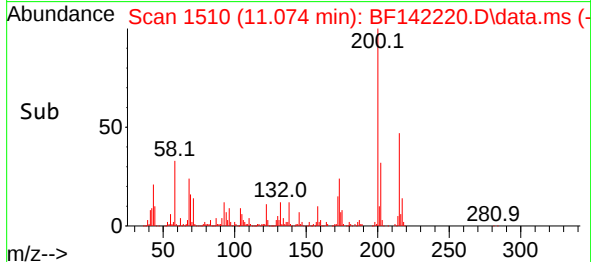
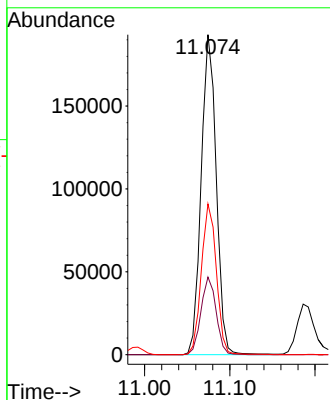
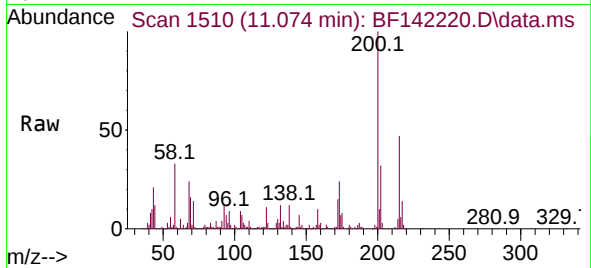




#69
Atrazine
Concen: 16.328 ng
RT: 11.074 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

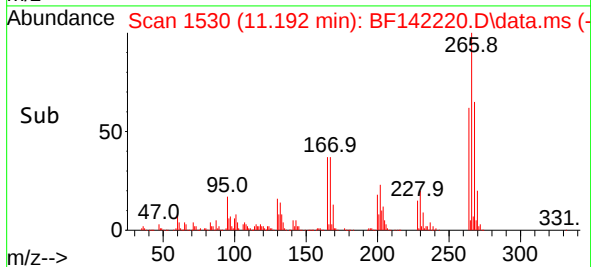
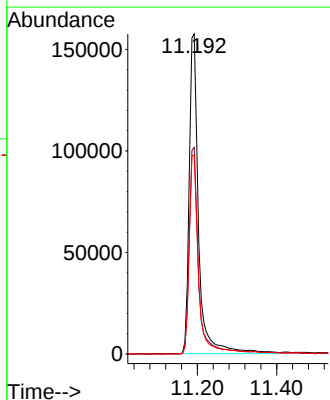
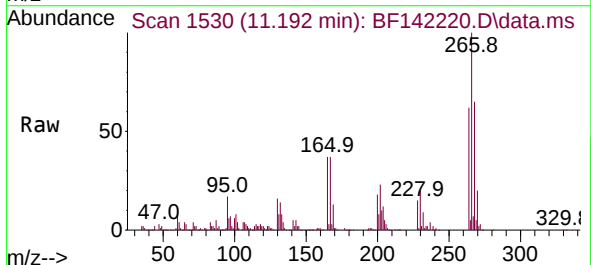
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

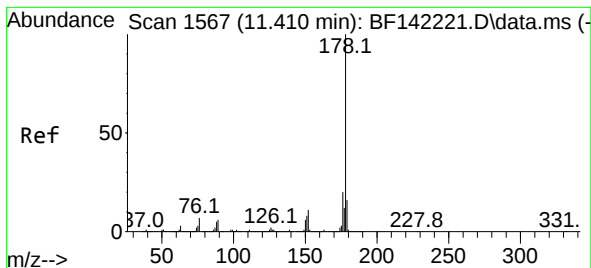
Tgt Ion:200 Resp: 236956
Ion Ratio Lower Upper
200 100
173 24.3 4.4 44.4
215 47.1 27.8 67.8



#70
Pentachlorophenol
Concen: 19.284 ng
RT: 11.192 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:266 Resp: 260896
Ion Ratio Lower Upper
266 100
268 64.6 50.6 75.8
264 62.2 50.2 75.2





#71

Phenanthrene

Concen: 21.837 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

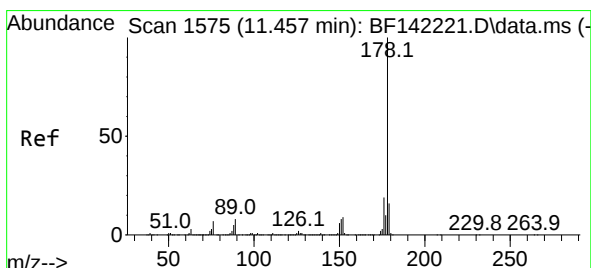
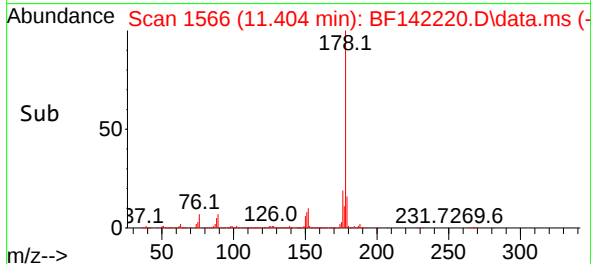
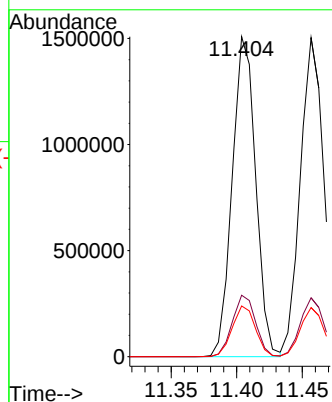
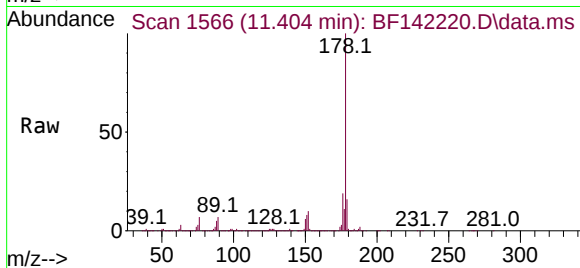
Tgt Ion:178 Resp: 1878750

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

179 15.8 13.0 19.6



#72

Anthracene

Concen: 21.847 ng

RT: 11.457 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

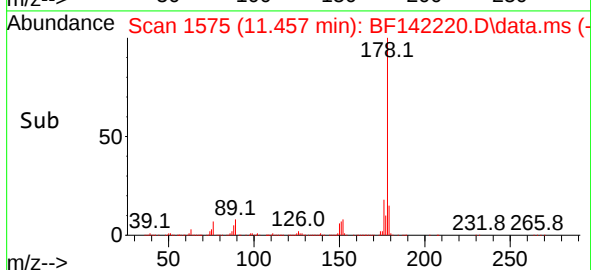
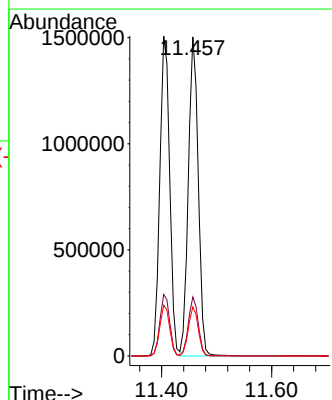
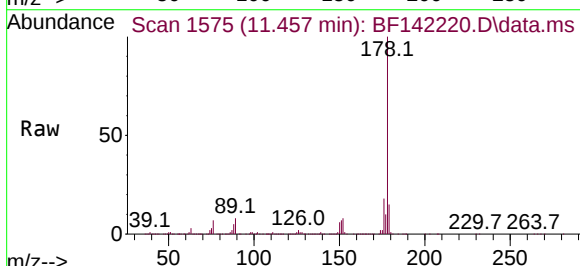
Tgt Ion:178 Resp: 1879780

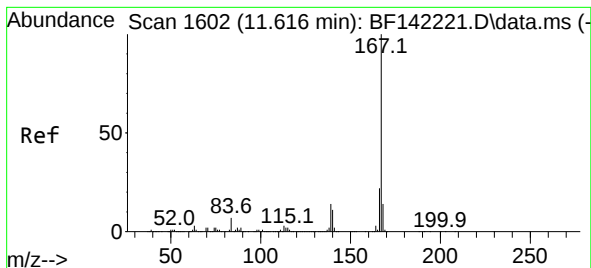
Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

179 15.4 12.9 19.3





#73

Carbazole

Concen: 22.310 ng

RT: 11.615 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

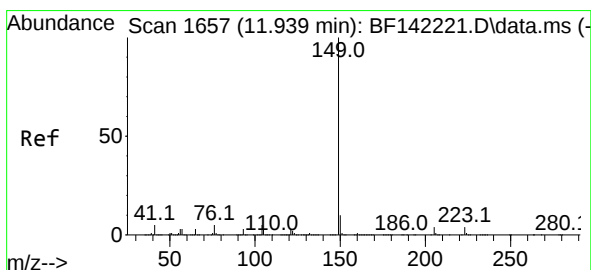
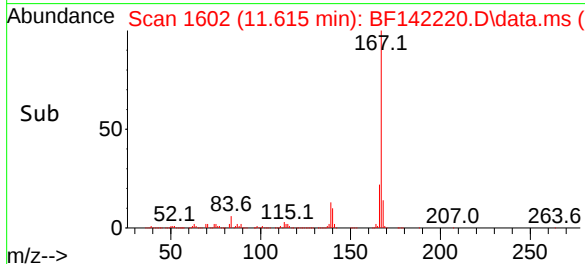
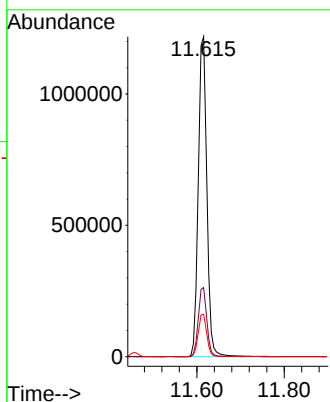
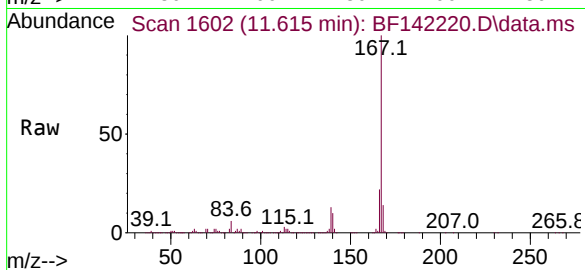
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:167 Resp: 1666812

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	13.3	11.0	16.4



#74

Di-n-butylphthalate

Concen: 22.436 ng

RT: 11.939 min Scan# 1657

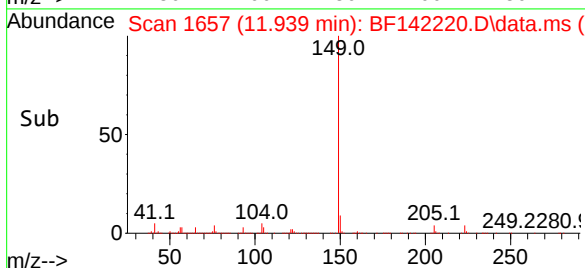
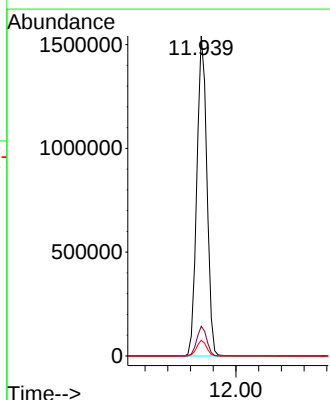
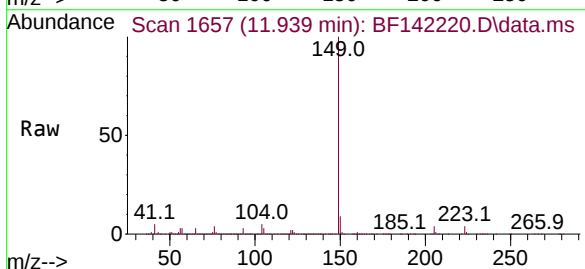
Delta R.T. -0.000 min

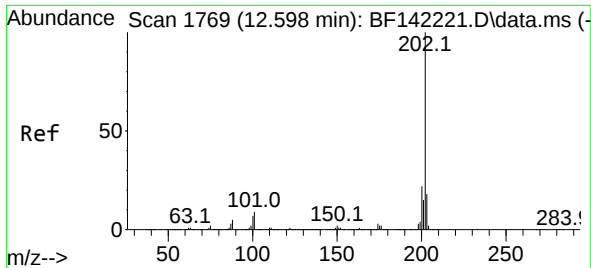
Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Tgt Ion:149 Resp: 1904784

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	4.9	4.1	6.1

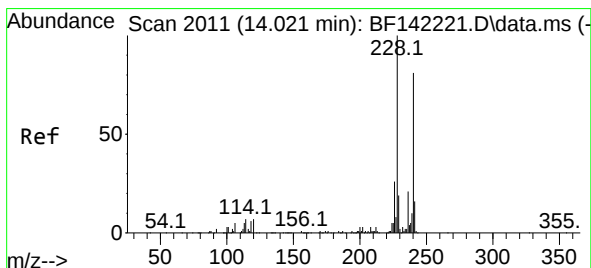
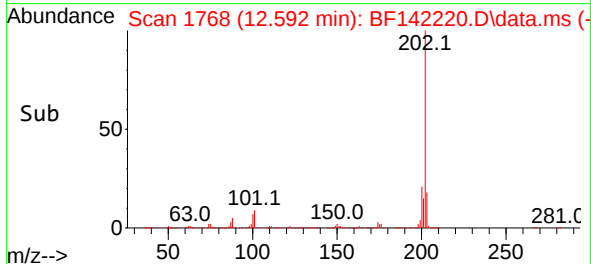
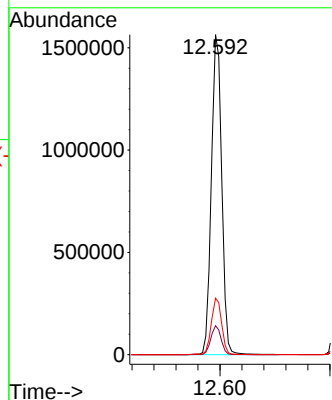
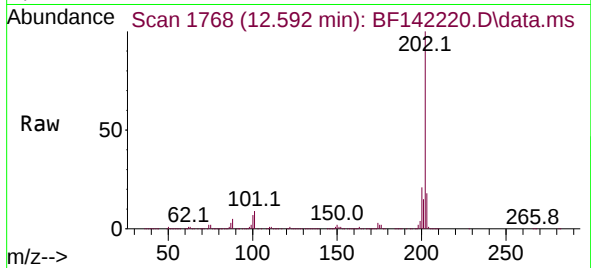




#75
Fluoranthene
Concen: 22.815 ng
RT: 12.592 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

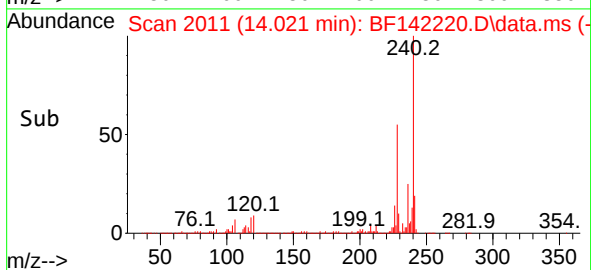
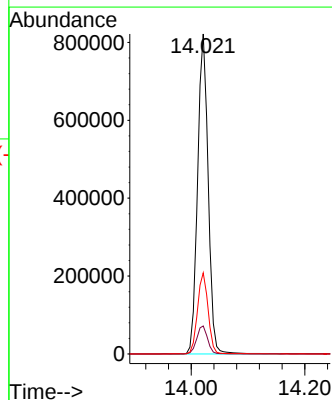
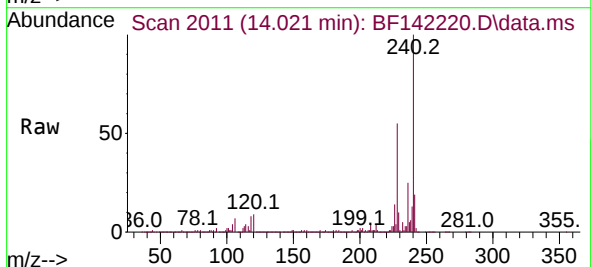
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

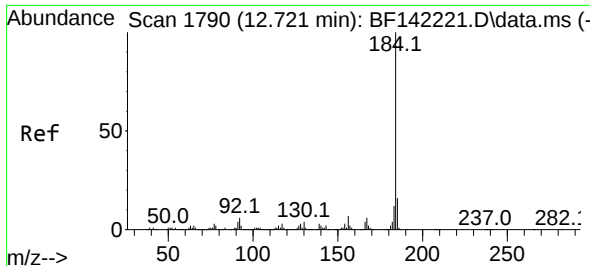
Tgt Ion:202 Resp: 2045386
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.0
203 17.7 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:240 Resp: 1068111
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.4 20.4 30.6

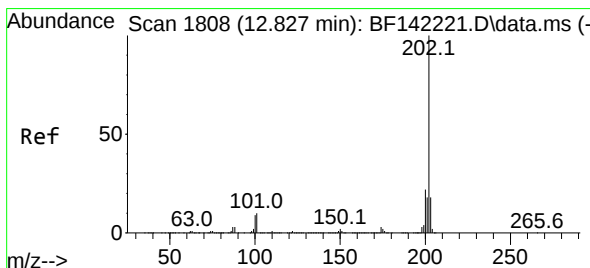
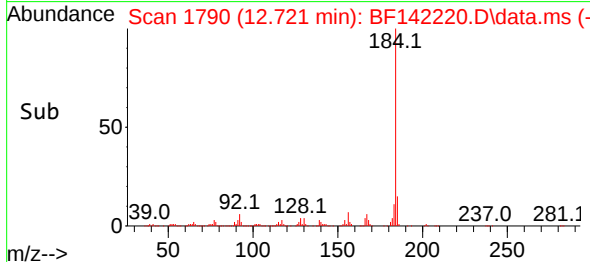
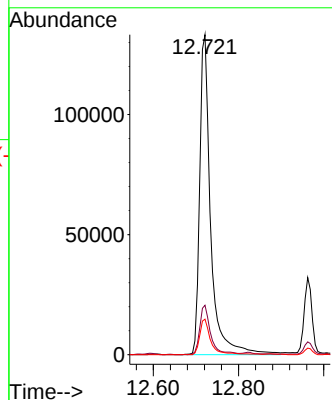
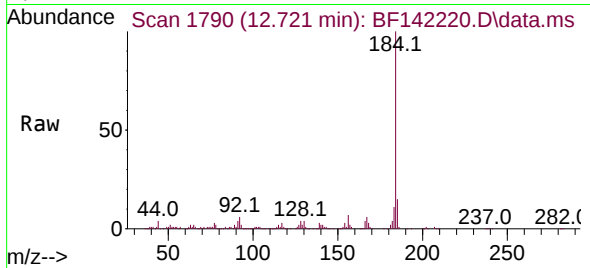




#77
Benzidine
Concen: 14.967 ng
RT: 12.721 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

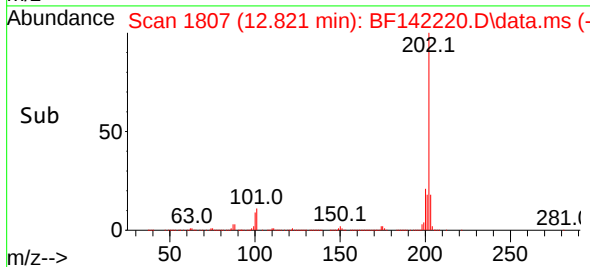
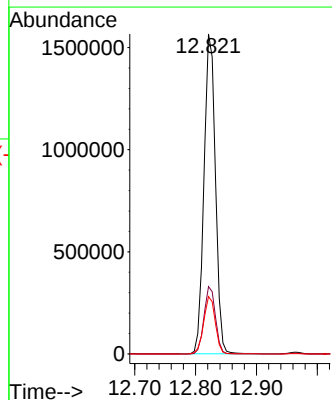
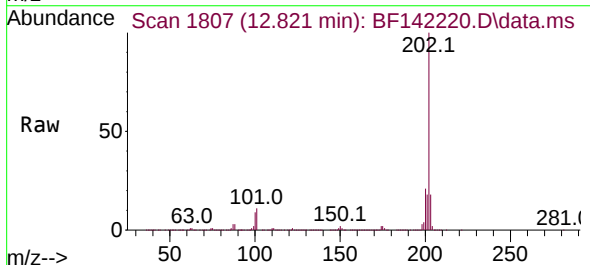
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

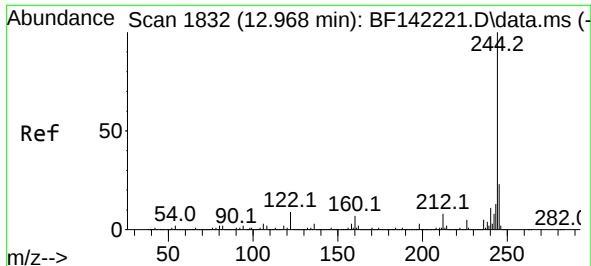
Tgt Ion:184 Resp: 238646
Ion Ratio Lower Upper
184 100
185 15.5 13.0 19.4
183 11.1 9.8 14.6



#78
Pyrene
Concen: 22.980 ng
RT: 12.821 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:202 Resp: 2049138
Ion Ratio Lower Upper
202 100
200 21.0 17.5 26.3
203 17.9 14.7 22.1

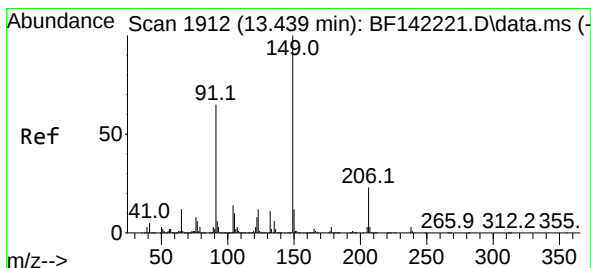
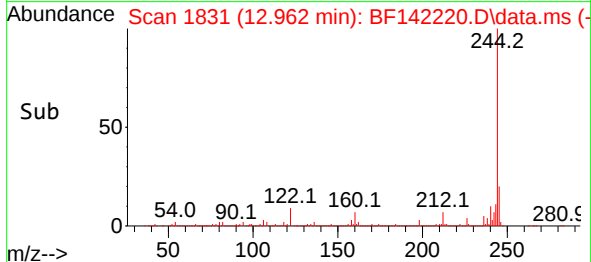
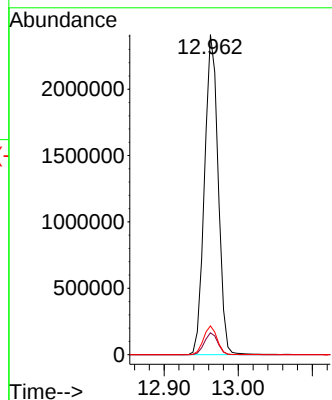
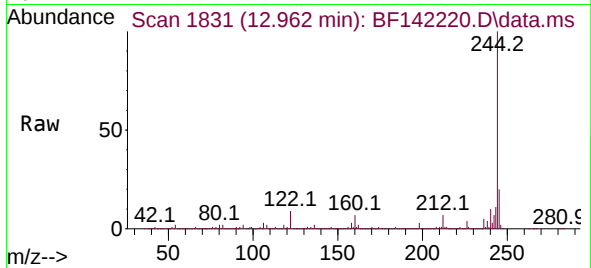




#79
 Terphenyl-d14
 Concen: 46.896 ng
 RT: 12.962 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF142220.D
 Acq: 23 Apr 2025 12:19

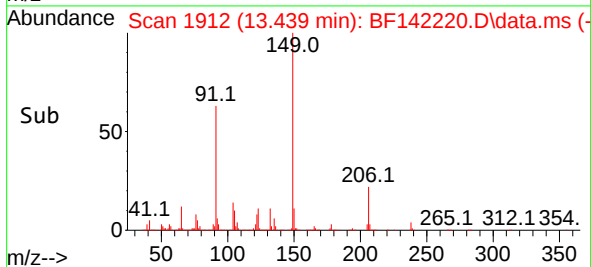
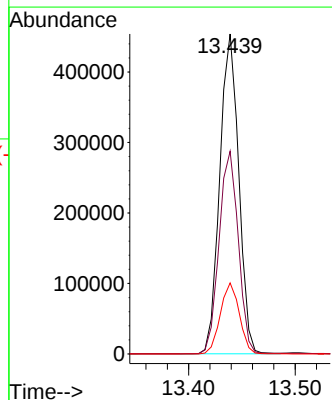
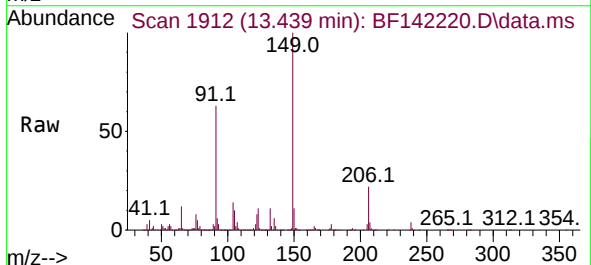
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

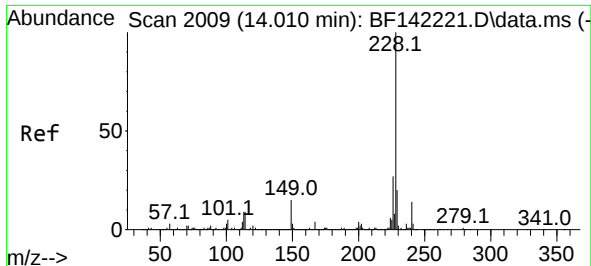
Tgt Ion:244 Resp: 3081904
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 9.0 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 21.704 ng
 RT: 13.439 min Scan# 1912
 Delta R.T. -0.000 min
 Lab File: BF142220.D
 Acq: 23 Apr 2025 12:19

Tgt Ion:149 Resp: 560346
 Ion Ratio Lower Upper
 149 100
 91 63.3 51.8 77.8
 206 22.2 18.2 27.4

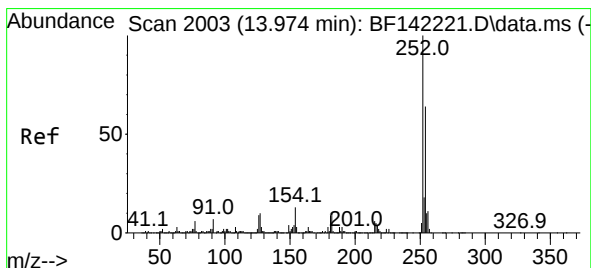
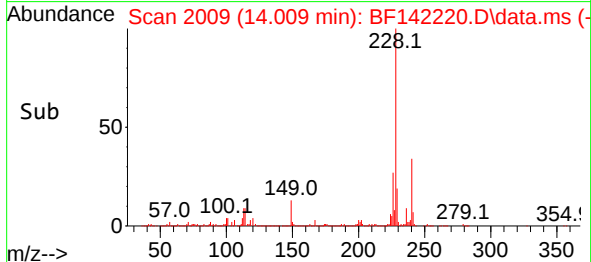
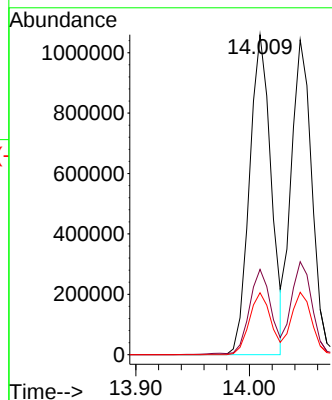
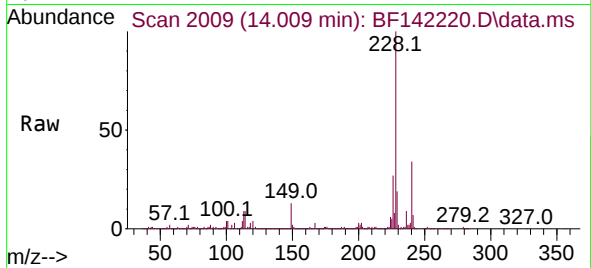




#81
Benzo(a)anthracene
Concen: 20.805 ng
RT: 14.009 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

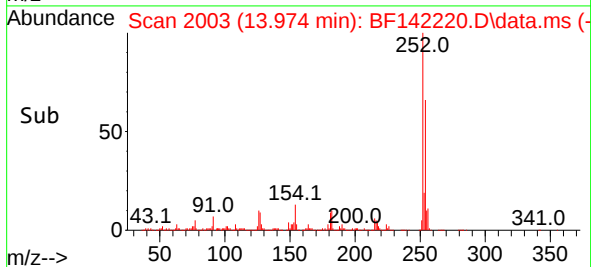
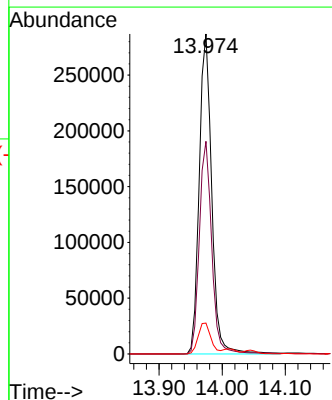
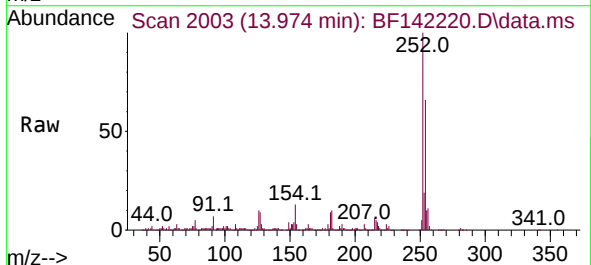
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

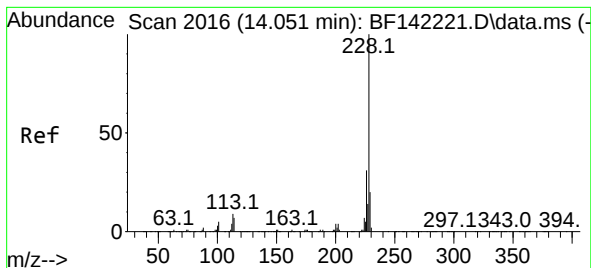
Tgt Ion:228 Resp: 1406437
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 19.121 ng
RT: 13.974 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BF142220.D
Acq: 23 Apr 2025 12:19

Tgt Ion:252 Resp: 393926
Ion Ratio Lower Upper
252 100
254 66.4 51.0 76.4
126 9.6 7.2 10.8





#83

Chrysene

Concen: 21.170 ng

RT: 14.045 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

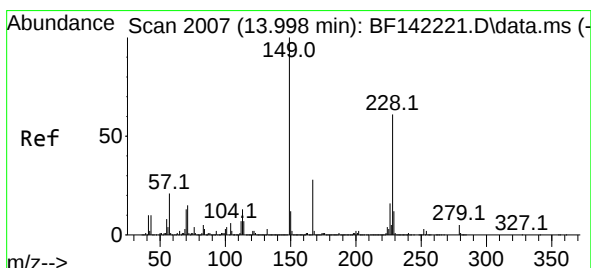
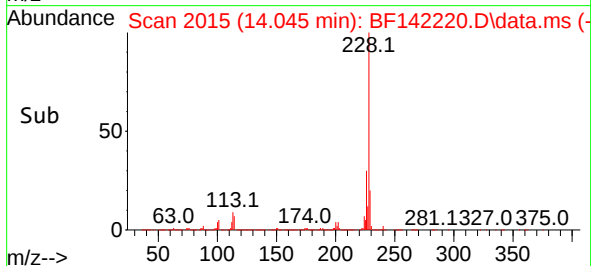
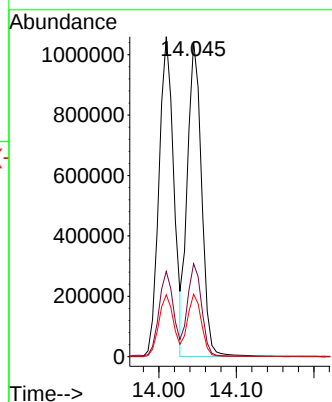
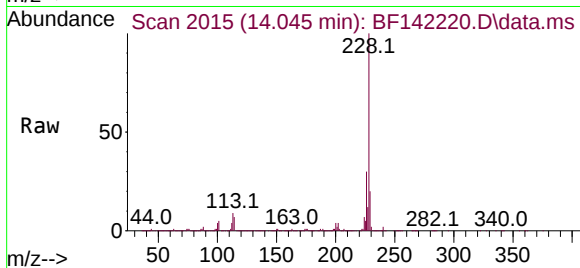
Tgt Ion:228 Resp: 1321233

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.498 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

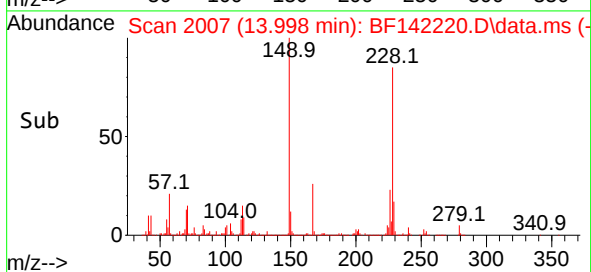
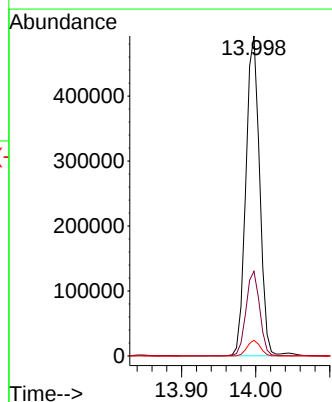
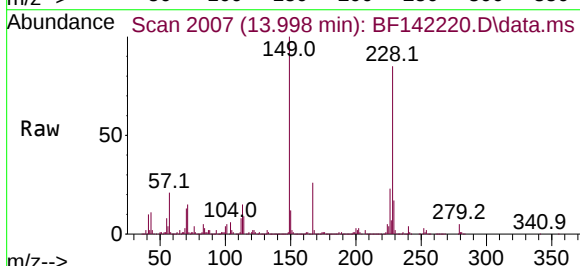
Tgt Ion:149 Resp: 631848

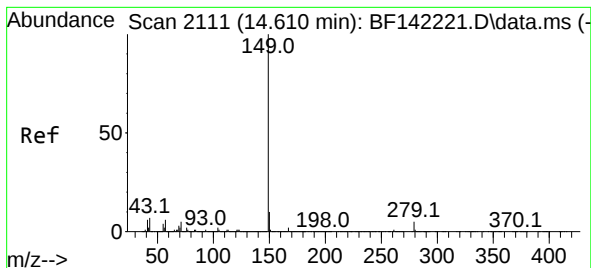
Ion Ratio Lower Upper

149 100

167 26.5 22.3 33.5

279 4.9 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 18.292 ng

RT: 14.609 min Scan# 2111

Delta R.T. -0.001 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

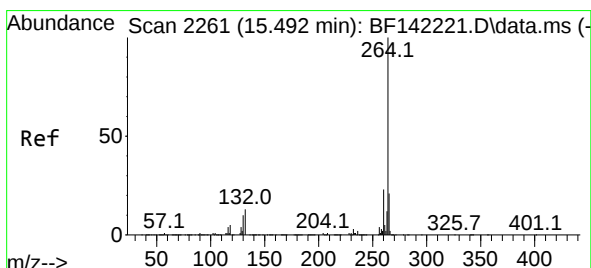
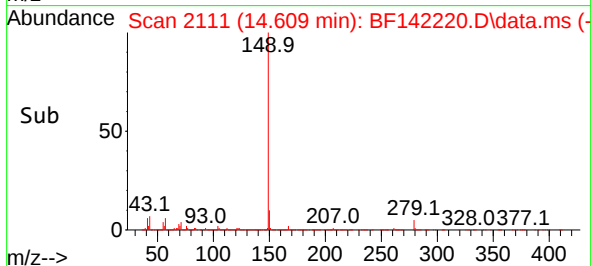
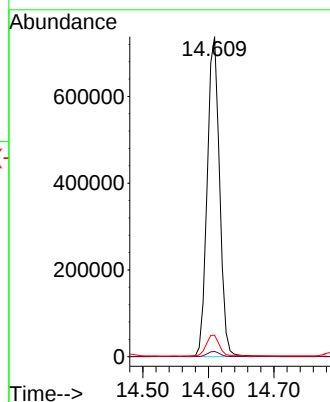
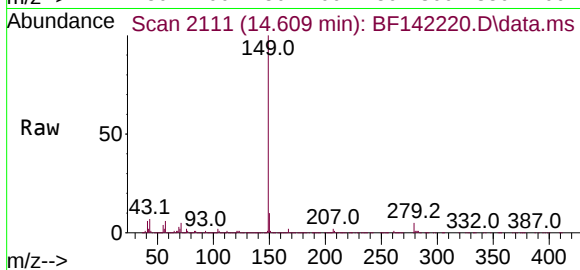
Tgt Ion:149 Resp: 967696

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 7.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

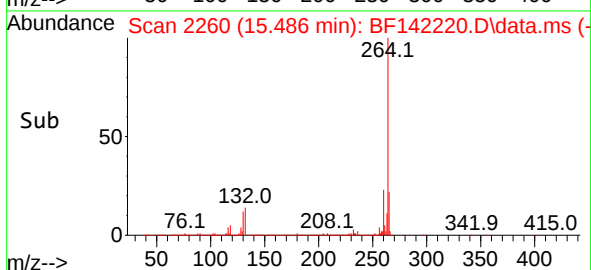
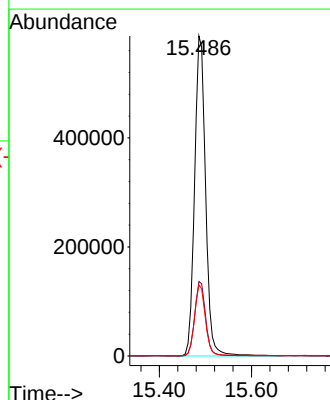
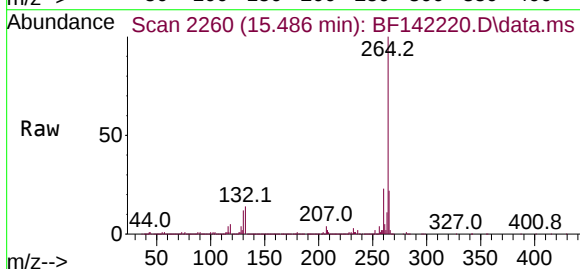
Tgt Ion:264 Resp: 971309

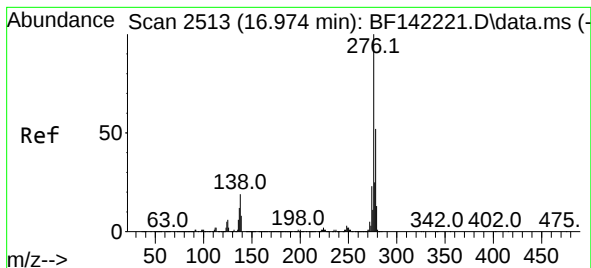
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 22.2 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.382 ng

RT: 16.962 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

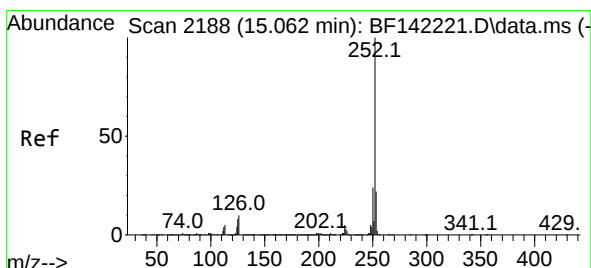
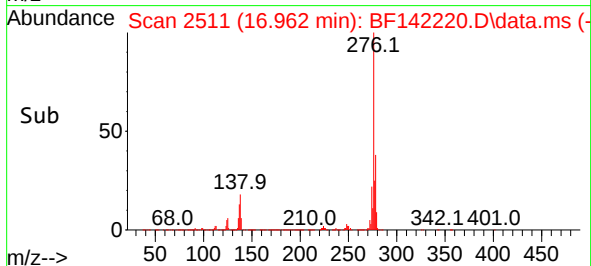
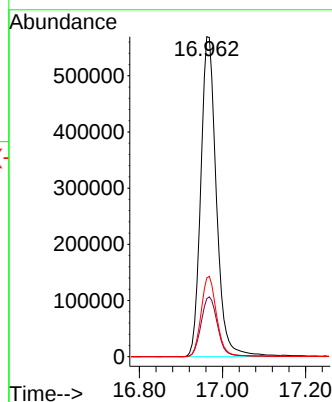
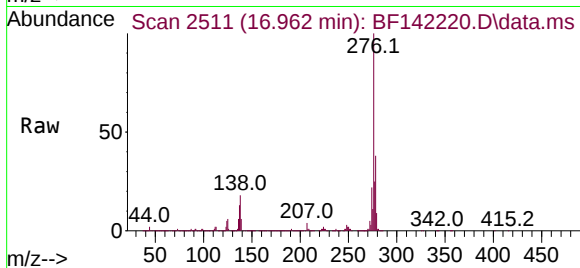
Tgt Ion:276 Resp: 1487733

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.8

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 22.557 ng

RT: 15.056 min Scan# 2187

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

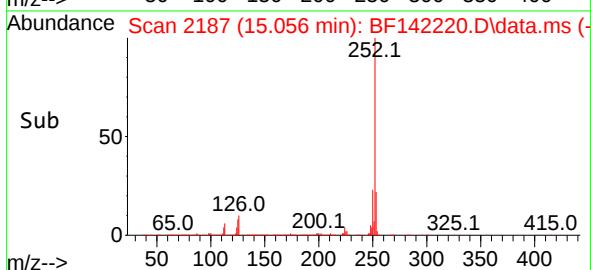
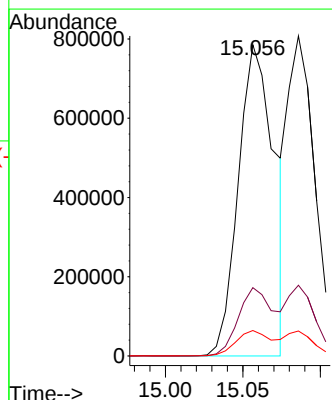
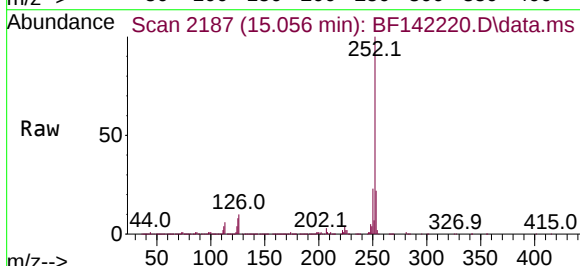
Tgt Ion:252 Resp: 1268183

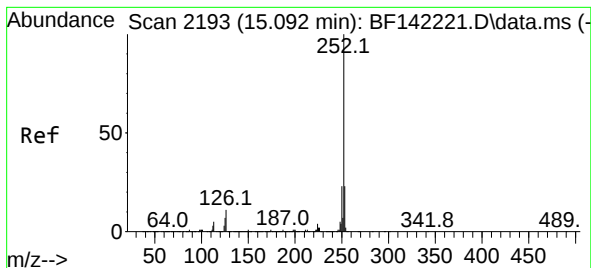
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 19.502 ng

RT: 15.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

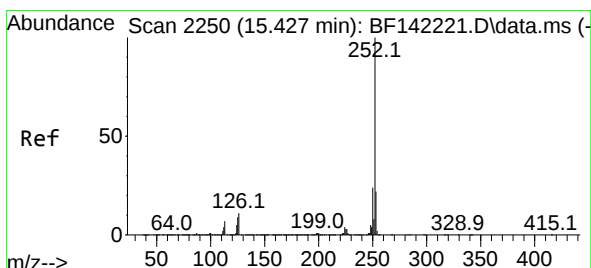
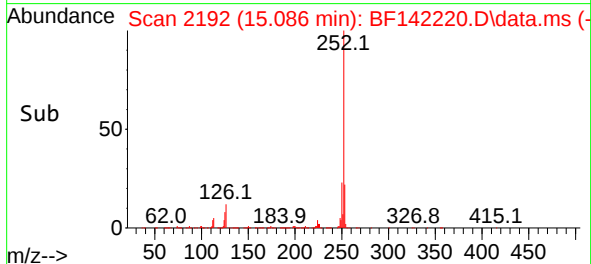
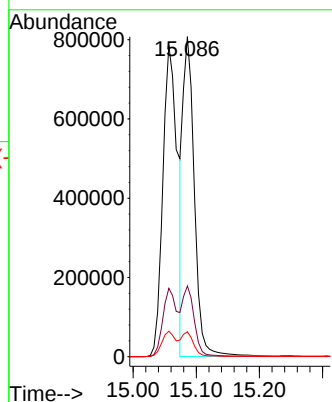
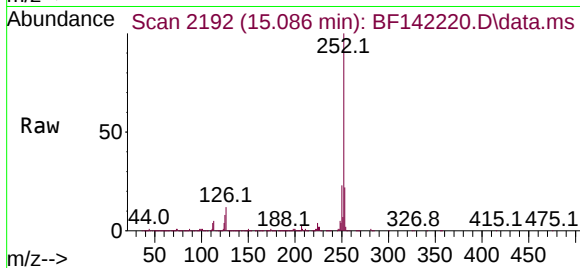
Tgt Ion:252 Resp: 1018297

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 7.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 21.072 ng

RT: 15.427 min Scan# 2250

Delta R.T. -0.000 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

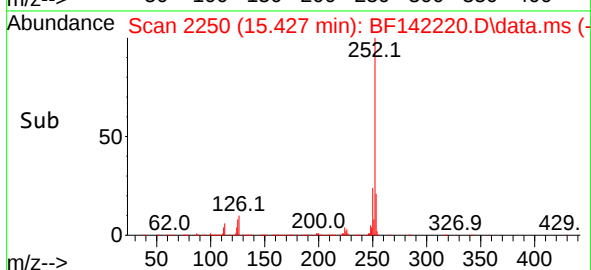
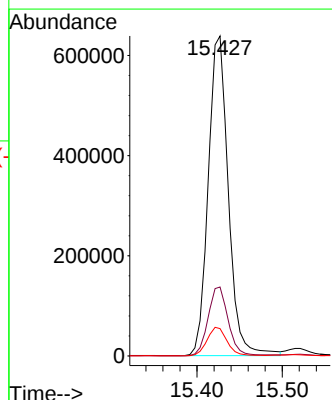
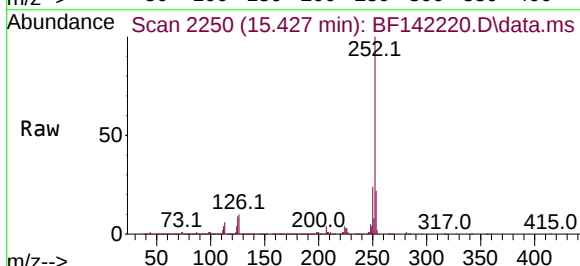
Tgt Ion:252 Resp: 1045462

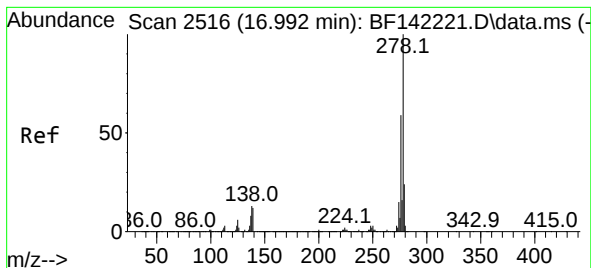
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 8.5 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 21.366 ng

RT: 16.980 min Scan# 2516

Delta R.T. -0.012 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

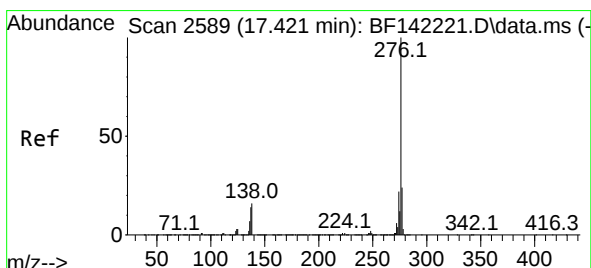
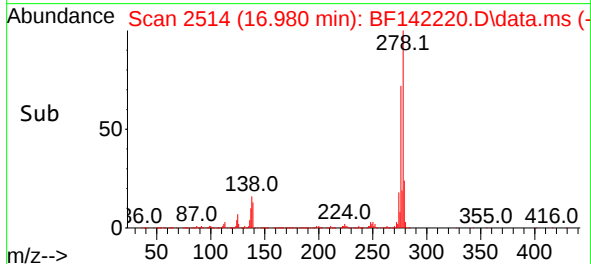
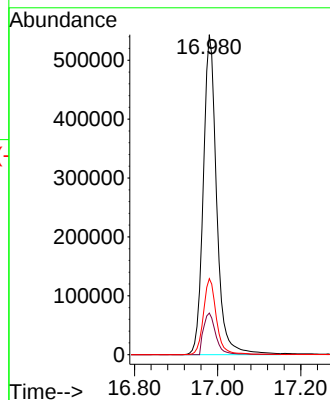
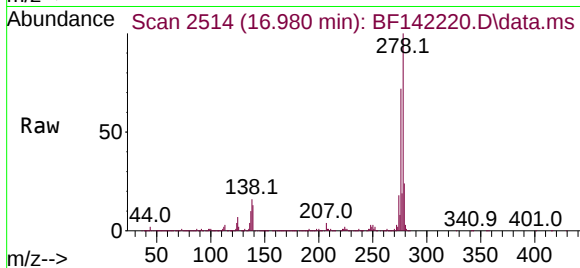
Tgt Ion:278 Resp: 1217461

Ion Ratio Lower Upper

278 100

139 13.0 9.7 14.5

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 21.409 ng

RT: 17.409 min Scan# 2587

Delta R.T. -0.012 min

Lab File: BF142220.D

Acq: 23 Apr 2025 12:19

Tgt Ion:276 Resp: 1265841

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 17.2 13.0 19.4

