

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142221.D
 Acq On : 23 Apr 2025 12:47
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Apr 23 14:37:50 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	6.863	152	452892	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	1665134	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	941522	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1661217	20.000	ng	0.00
76) Chrysene-d12	14.021	240	1018842	20.000	ng	0.00
86) Perylene-d12	15.492	264	1099732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2068861	77.852	ng	0.00
7) Phenol-d6	6.492	99	2525955	77.555	ng	0.00
23) Nitrobenzene-d5	7.422	82	2208848	79.036	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1063038	80.547	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4478090	76.534	ng	0.00
79) Terphenyl-d14	12.968	244	4944220	78.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	417103	39.055	ng	100
3) Pyridine	3.375	79	1015140	39.722	ng	100
4) n-Nitrosodimethylamine	3.322	42	408476	39.678	ng	100
6) Aniline	6.522	93	1164713	39.722	ng	100
8) 2-Chlorophenol	6.645	128	1127228	38.775	ng	100
9) Benzaldehyde	6.410	77	682744	38.559	ng	100
10) Phenol	6.504	94	1338006	39.156	ng	100
11) bis(2-Chloroethyl)ether	6.598	93	962304	38.944	ng	100
12) 1,3-Dichlorobenzene	6.804	146	1243149	38.792	ng	100
13) 1,4-Dichlorobenzene	6.881	146	1258630	38.706	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1176632	38.612	ng	100
15) Benzyl Alcohol	7.004	79	949568	39.948	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	951681	38.732	ng	100
17) 2-Methylphenol	7.116	107	854801	38.619	ng	100
18) Hexachloroethane	7.375	117	442548	39.000	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	694495	38.464	ng	100
20) 3+4-Methylphenols	7.269	107	1079003	38.768	ng	100
22) Acetophenone	7.269	105	1491090	38.709	ng	100
24) Nitrobenzene	7.445	77	1087607	39.394	ng	100
25) Isophorone	7.681	82	1778317	38.807	ng	100
26) 2-Nitrophenol	7.757	139	603728	39.819	ng	100
27) 2,4-Dimethylphenol	7.792	122	686459	38.961	ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	1143730	38.695	ng	100
29) 2,4-Dichlorophenol	7.998	162	975830	39.313	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	1096565	39.155	ng	100
31) Naphthalene	8.163	128	3217163	39.309	ng	100
32) Benzoic acid	7.910	122	638269	40.006	ng	100
33) 4-Chloroaniline	8.210	127	1154997	40.074	ng	100
34) Hexachlorobutadiene	8.281	225	719190	38.957	ng	100
35) Caprolactam	8.581	113	288992	39.643	ng	100
36) 4-Chloro-3-methylphenol	8.692	107	1029131	39.883	ng	100
37) 2-Methylnaphthalene	8.851	142	2147112	39.096	ng	100
38) 1-Methylnaphthalene	8.951	142	2093555	39.127	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1154144	38.446	ng	100
41) Hexachlorocyclopentadiene	9.004	237	356494	39.684	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	727004	40.030	ng	100

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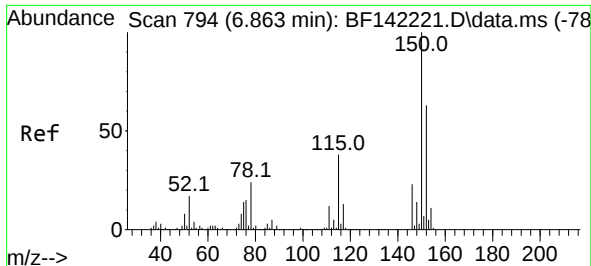
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	761136	39.084	ng	100
46) 1,1'-Biphenyl	9.316	154	2699247	38.933	ng	100
47) 2-Chloronaphthalene	9.345	162	2048403	38.531	ng	100
48) 2-Nitroaniline	9.439	65	551010	40.047	ng	100
49) Acenaphthylene	9.757	152	2989606	38.771	ng	100
50) Dimethylphthalate	9.616	163	2456311	38.849	ng	100
51) 2,6-Dinitrotoluene	9.680	165	555795	39.476	ng	100
52) Acenaphthene	9.933	154	2165517	39.291	ng	100
53) 3-Nitroaniline	9.851	138	545135	39.560	ng	100
54) 2,4-Dinitrophenol	9.957	184	320353	42.007	ng	100
55) Dibenzofuran	10.104	168	2995988	38.560	ng	100
56) 4-Nitrophenol	10.016	139	421676	42.006	ng	100
57) 2,4-Dinitrotoluene	10.086	165	743821	39.428	ng	100
58) Fluorene	10.445	166	2353207	38.629	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	709998	40.183	ng	100
60) Diethylphthalate	10.316	149	2357816	38.993	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	1250782	38.782	ng	100
62) 4-Nitroaniline	10.463	138	548882	40.267	ng	100
63) Azobenzene	10.598	77	2058692	39.252	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	454423	41.010	ng	100
66) n-Nitrosodiphenylamine	10.557	169	1984314	38.877	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	818659	39.263	ng	100
68) Hexachlorobenzene	10.992	284	963393	38.919	ng	100
69) Atrazine	11.080	200	489530	33.812	ng	100
70) Pentachlorophenol	11.192	266	559515	41.455	ng	100
71) Phenanthrene	11.410	178	3333832	38.841	ng	100
72) Anthracene	11.457	178	3346551	38.987	ng	100
73) Carbazole	11.616	167	2929273	39.301	ng	100
74) Di-n-butylphthalate	11.939	149	3356278	39.628	ng	100
75) Fluoranthene	12.598	202	3463171	38.721	ng	100
77) Benzidine	12.721	184	676539	44.483	ng	100
78) Pyrene	12.827	202	3411685	40.111	ng	100
80) Butylbenzylphthalate	13.439	149	995688	40.432	ng	100
81) Benzo(a)anthracene	14.010	228	2459630	38.144	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	763937	38.875	ng	100
83) Chrysene	14.051	228	2367854	39.774	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	1186990	40.370	ng	100
85) Di-n-octyl phthalate	14.610	149	1996535	39.564	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	3041827	38.613	ng	100
88) Benzo(b)fluoranthene	15.062	252	2443818	38.393	ng	100
89) Benzo(k)fluoranthene	15.092	252	2339482	39.574	ng	100
90) Benzo(a)pyrene	15.427	252	2210229	39.346	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	2524348	39.129	ng	100
92) Benzo(g,h,i)perylene	17.421	276	2607241	38.946	ng	100

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

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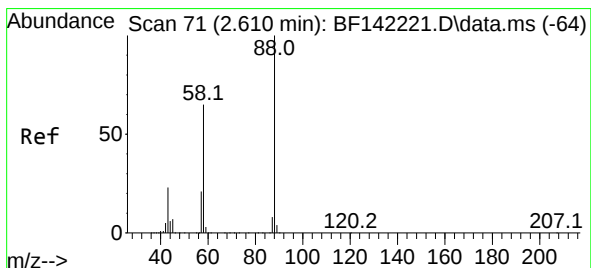
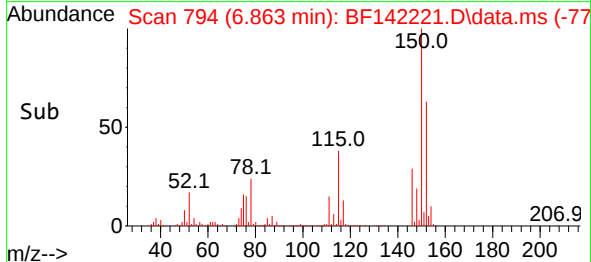
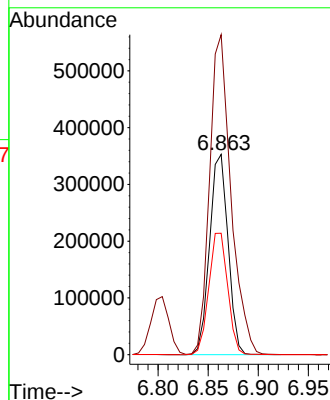
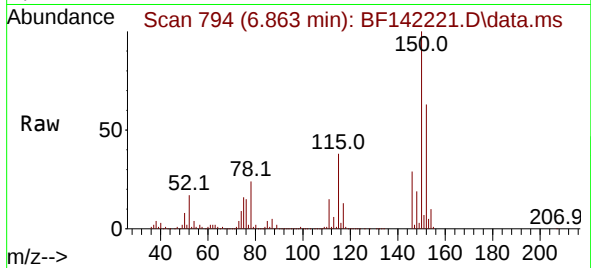




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

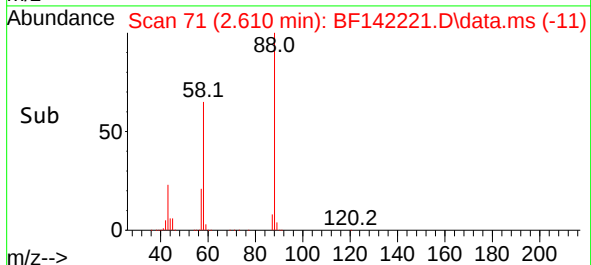
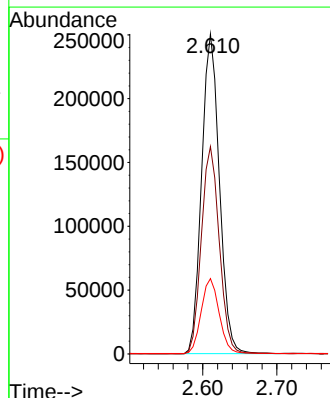
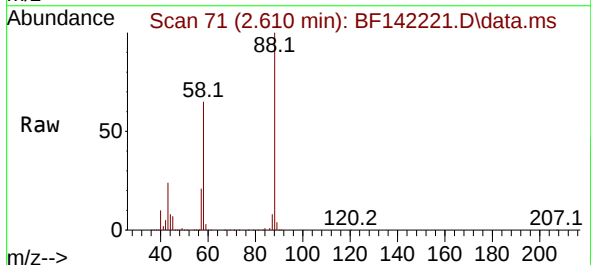
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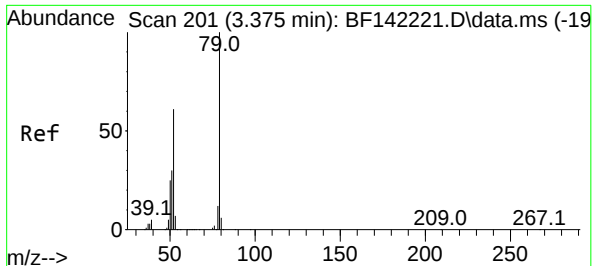
Tgt Ion:152 Resp: 452892
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.8 191.6
 115 60.6 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.055 ng
 RT: 2.610 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

Tgt Ion: 88 Resp: 417103
 Ion Ratio Lower Upper
 88 100
 58 65.5 52.4 78.6
 43 23.8 19.0 28.6

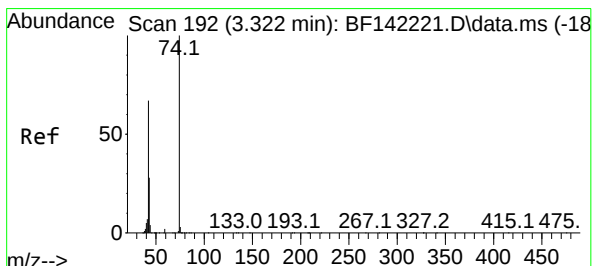
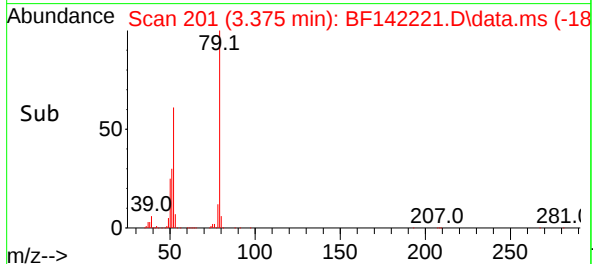
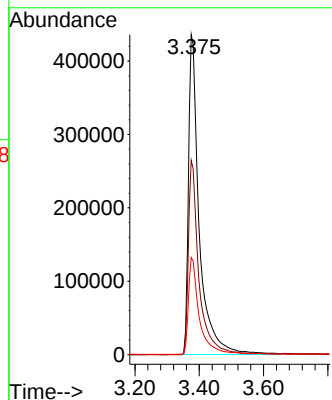
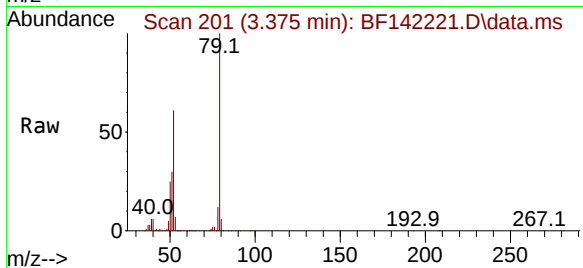




#3
 Pyridine
 Concen: 39.722 ng
 RT: 3.375 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

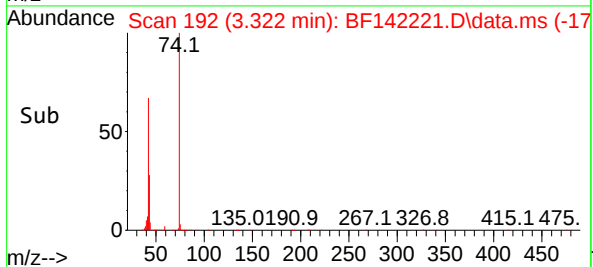
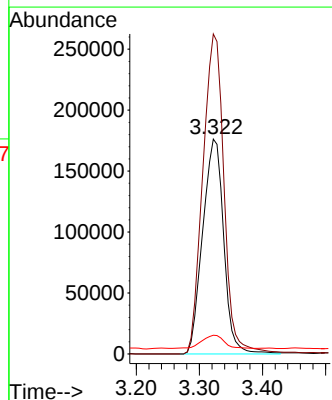
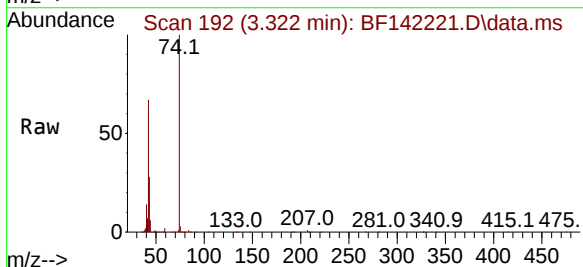
Instrument :
 BNA_F
 ClientSampleId :
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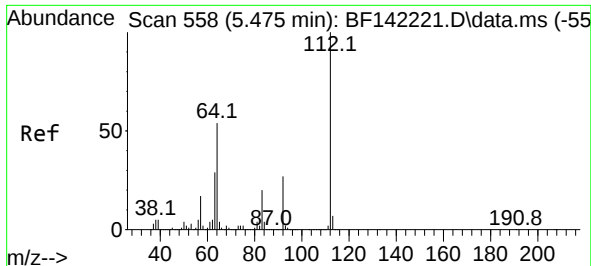
Tgt Ion: 79 Resp: 1015140
 Ion Ratio Lower Upper
 79 100
 52 60.7 48.6 72.8
 51 30.4 24.3 36.5



#4
 n-Nitrosodimethylamine
 Concen: 39.678 ng
 RT: 3.322 min Scan# 192
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

Tgt Ion: 42 Resp: 408476
 Ion Ratio Lower Upper
 42 100
 74 148.9 119.1 178.7
 44 8.7 7.0 10.4

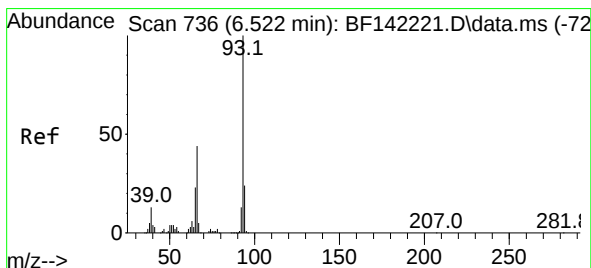
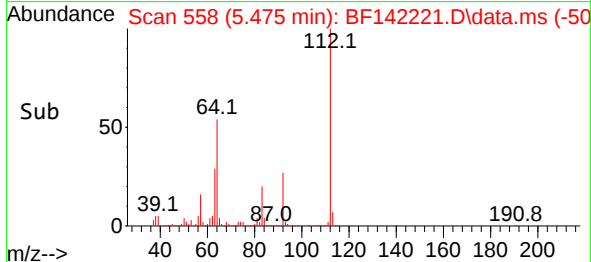
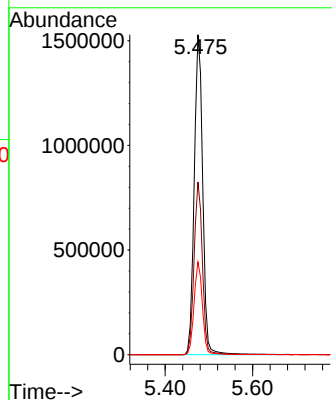
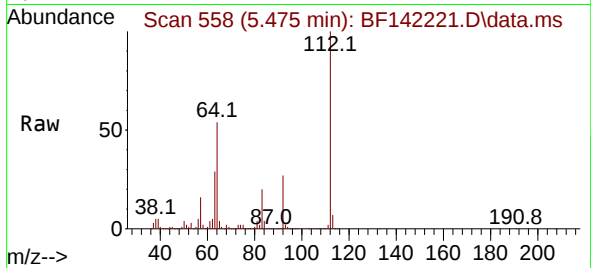




#5
2-Fluorophenol
Concen: 77.852 ng
RT: 5.475 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

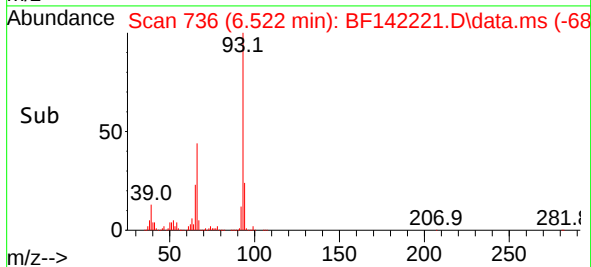
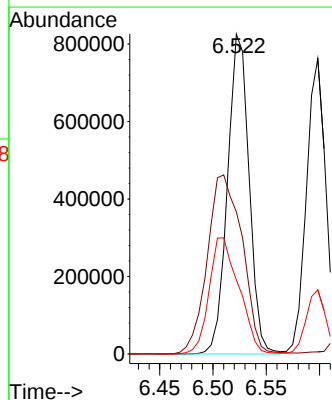
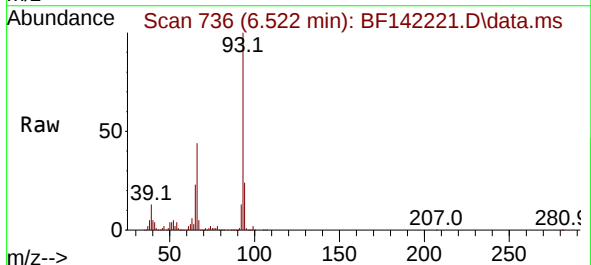
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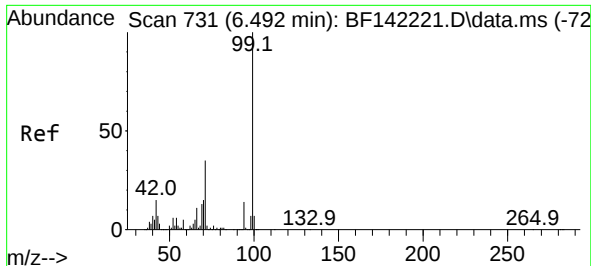
Tgt Ion:112 Resp: 2068861
Ion Ratio Lower Upper
112 100
64 53.9 43.1 64.7
63 28.9 23.1 34.7



#6
Aniline
Concen: 39.722 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 93 Resp: 1164713
Ion Ratio Lower Upper
93 100
66 44.4 35.5 53.3
65 23.1 18.5 27.7





#7

Phenol-d6

Concen: 77.555 ng

RT: 6.492 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

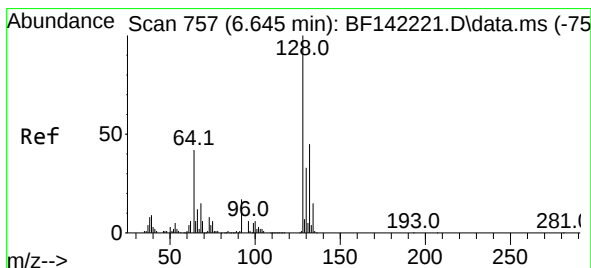
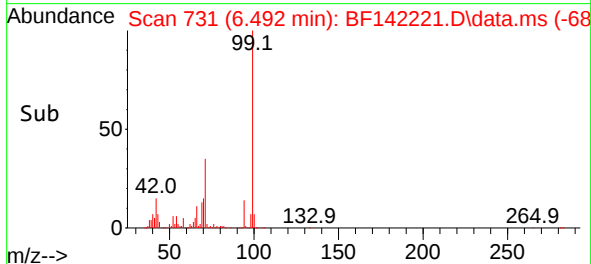
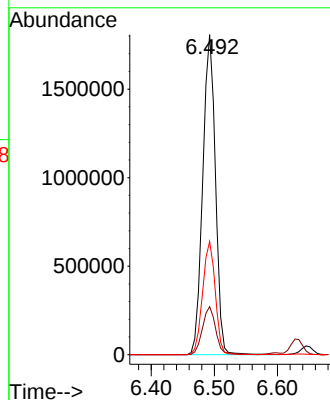
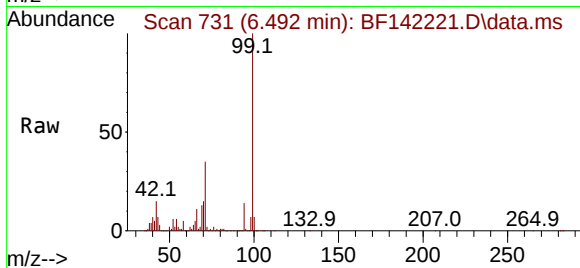
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 2525955

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.0	18.0
71	35.4	28.3	42.5



#8

2-Chlorophenol

Concen: 38.775 ng

RT: 6.645 min Scan# 757

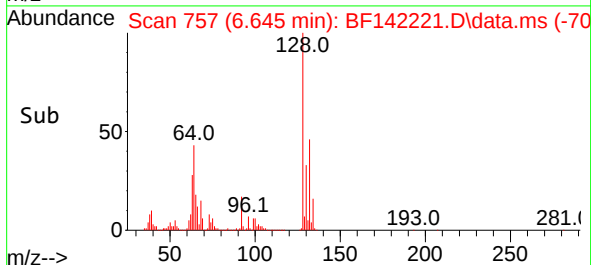
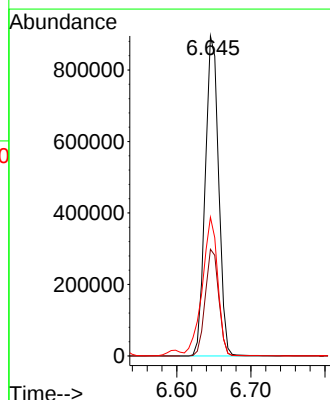
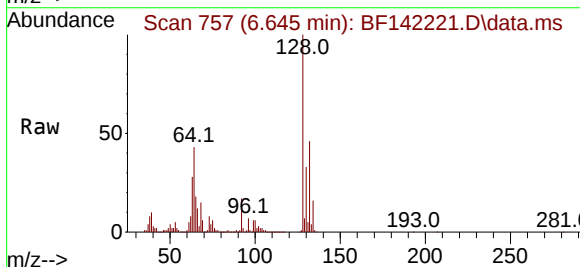
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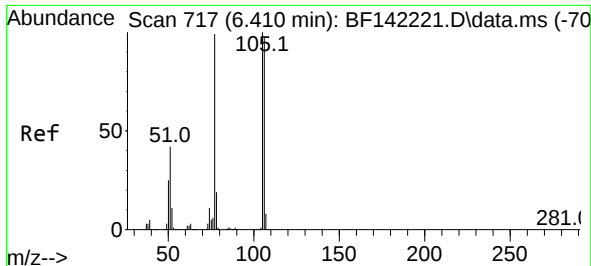
Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Tgt Ion:128 Resp: 1127228

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.4	53.4
64	43.4	23.4	63.4

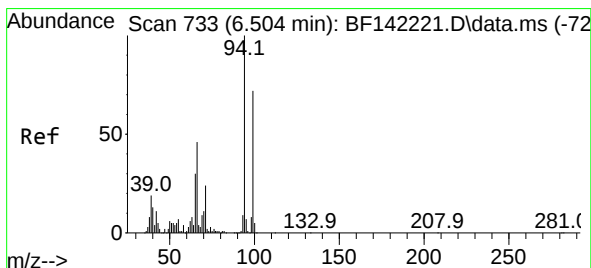
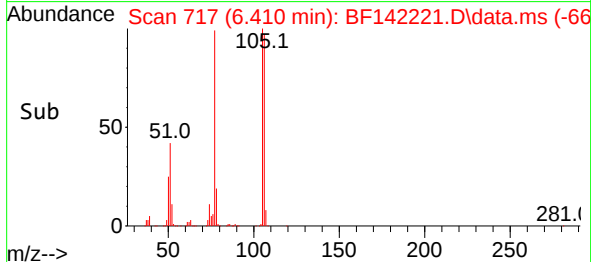
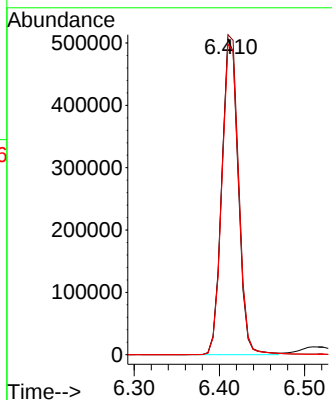
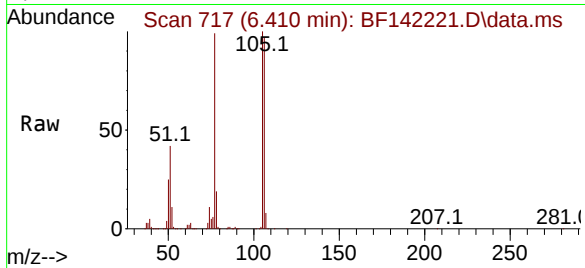




#9
Benzaldehyde
Concen: 38.559 ng
RT: 6.410 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

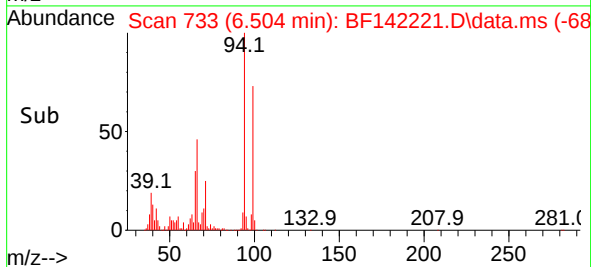
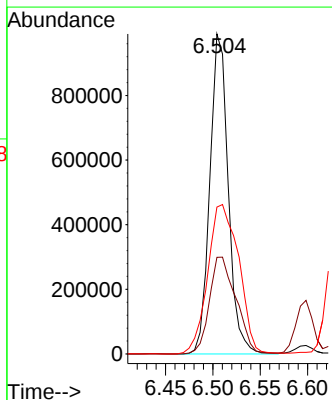
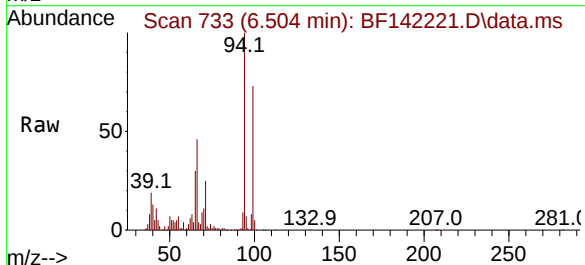
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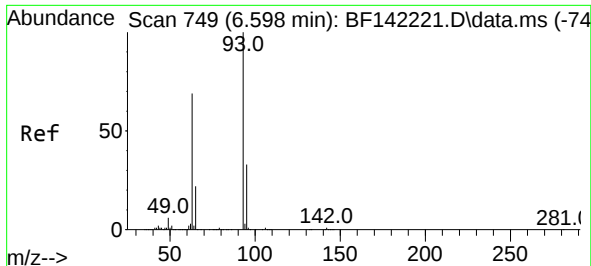
Tgt Ion: 77 Resp: 682744
Ion Ratio Lower Upper
77 100
105 101.3 81.3 121.3
106 98.4 78.4 118.4



#10
Phenol
Concen: 39.156 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 94 Resp: 1338006
Ion Ratio Lower Upper
94 100
65 30.2 10.2 50.2
66 45.9 25.9 65.9

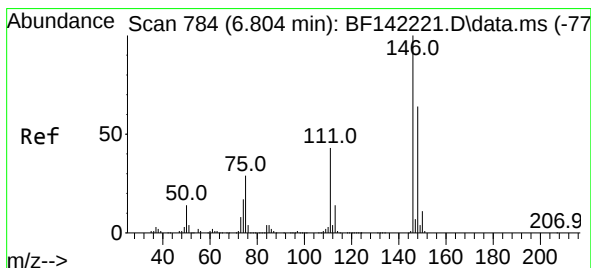
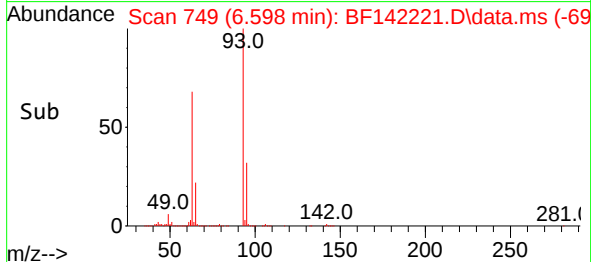
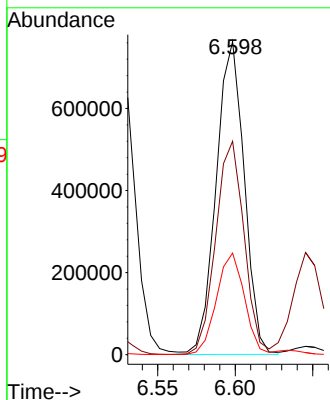
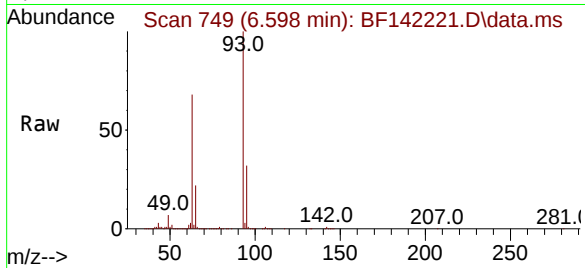




#11
bis(2-Chloroethyl)ether
Concen: 38.944 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

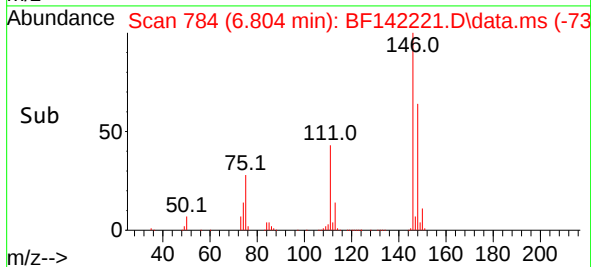
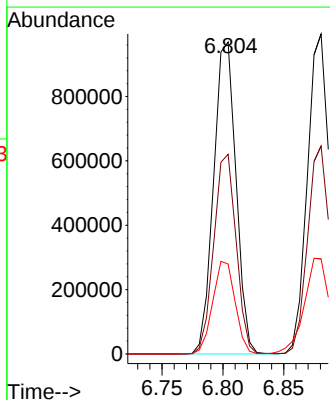
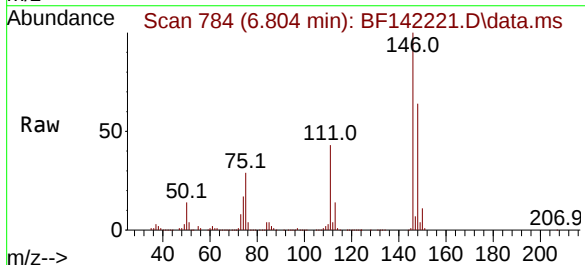
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

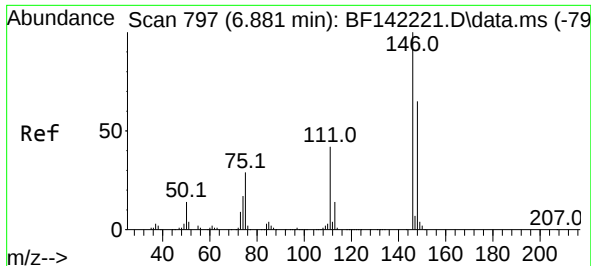
Tgt Ion: 93 Resp: 962304
Ion Ratio Lower Upper
93 100
63 68.2 48.2 88.2
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 38.792 ng
RT: 6.804 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:146 Resp: 1243149
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 28.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 38.706 ng

RT: 6.881 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

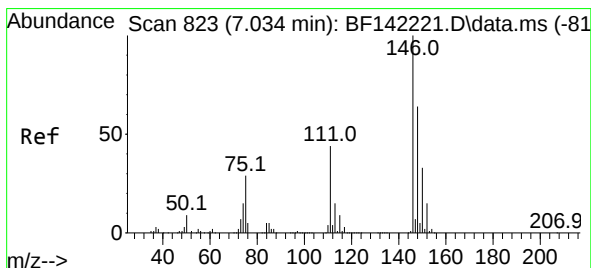
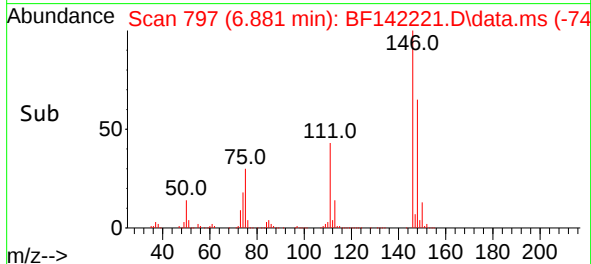
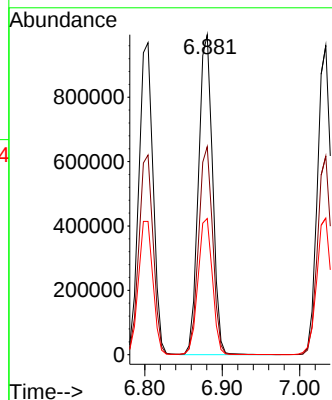
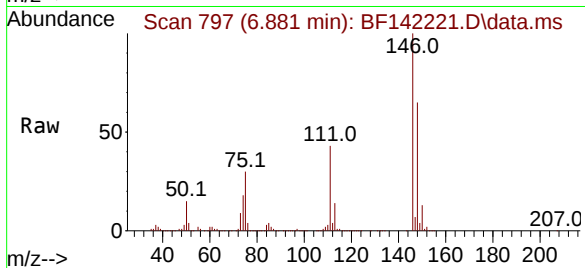
Tgt Ion:146 Resp: 1258630

Ion Ratio Lower Upper

146 100

148 65.0 52.0 78.0

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 38.612 ng

RT: 7.034 min Scan# 823

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

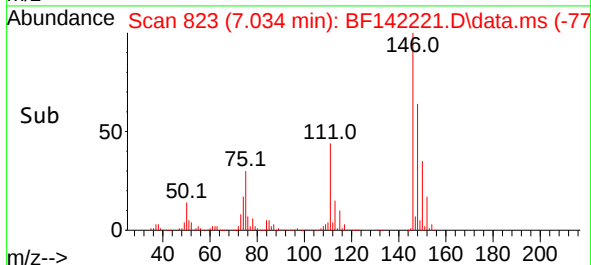
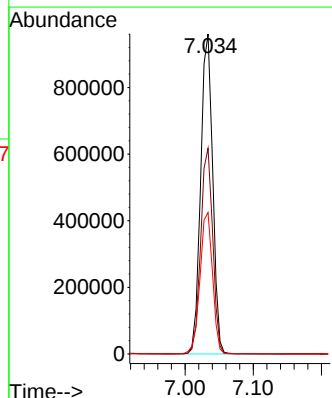
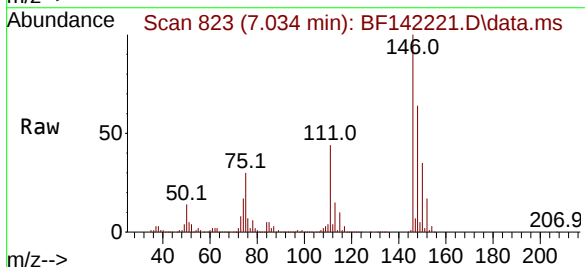
Tgt Ion:146 Resp: 1176632

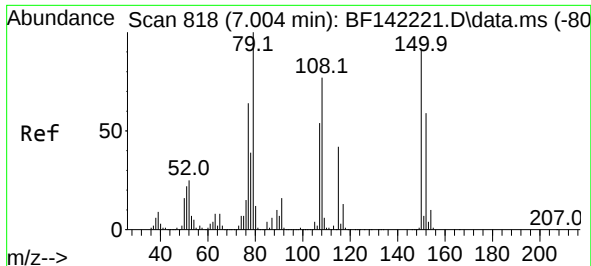
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 44.2 35.4 53.0

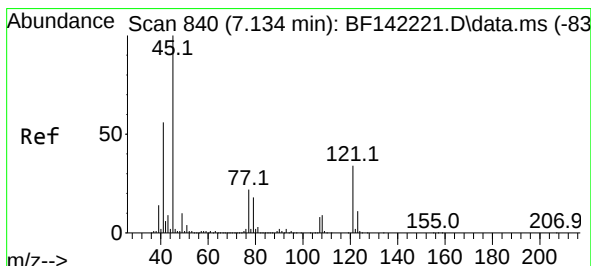
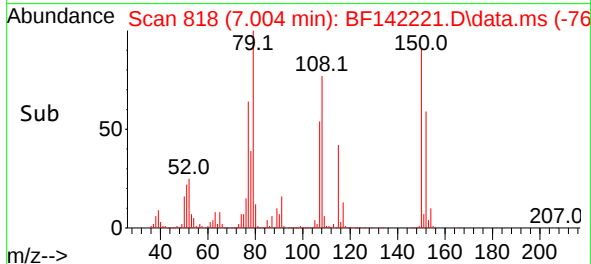
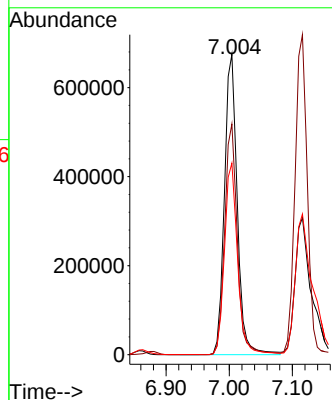
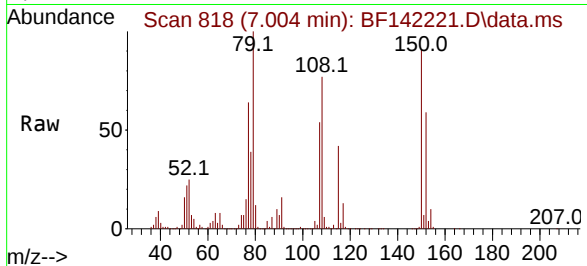




#15
Benzyl Alcohol
Concen: 39.948 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

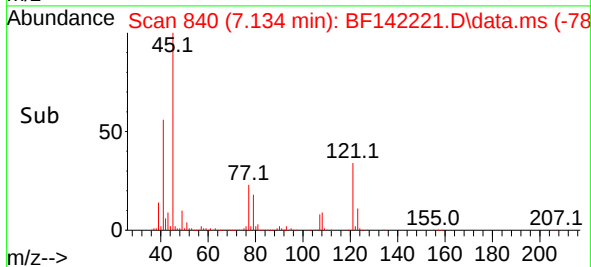
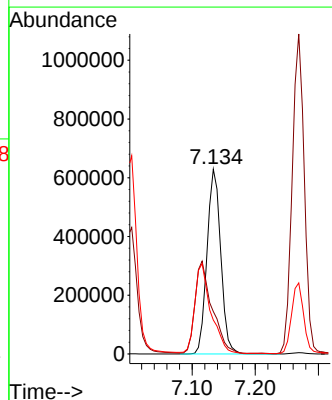
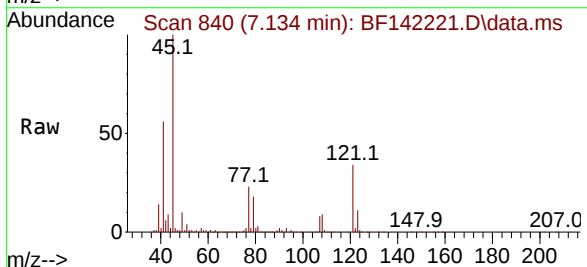
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

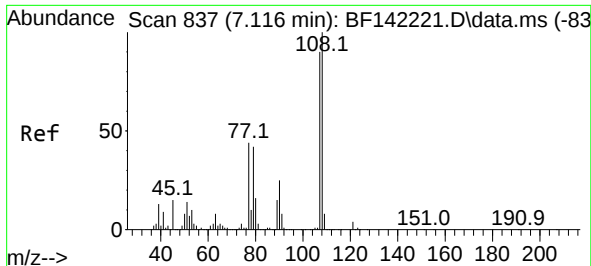
Tgt Ion: 79 Resp: 949568
Ion Ratio Lower Upper
79 100
108 76.8 61.4 92.2
77 63.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.732 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 45 Resp: 951681
Ion Ratio Lower Upper
45 100
77 23.0 3.0 43.0
79 18.4 0.0 38.4

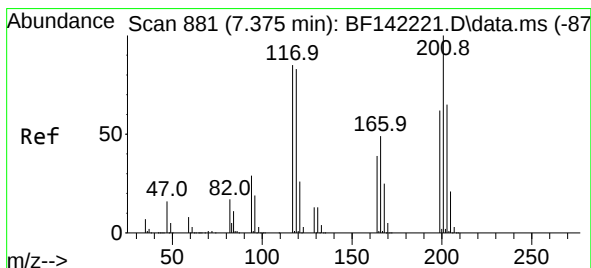
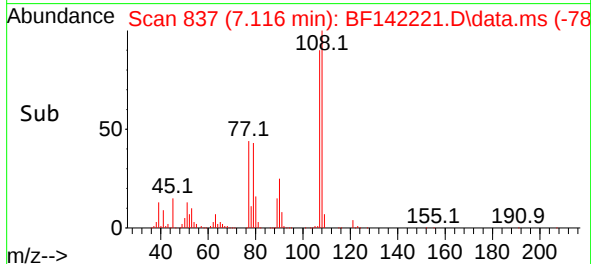
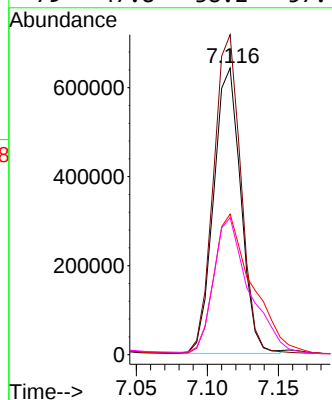
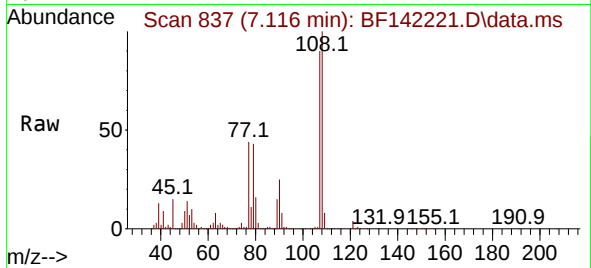




#17
2-Methylphenol
Concen: 38.619 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

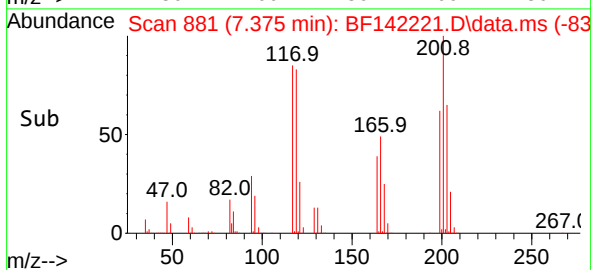
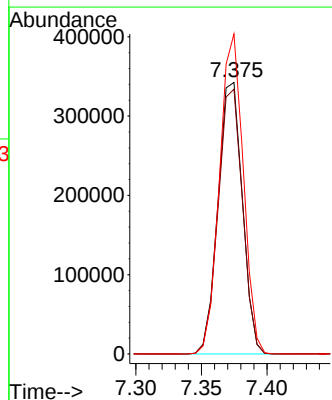
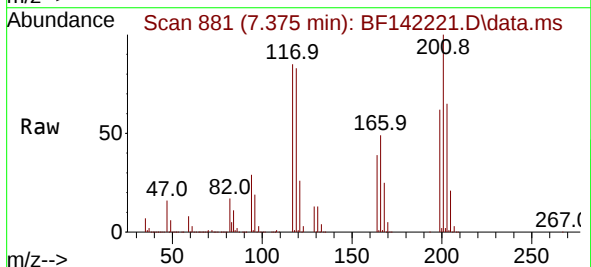
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

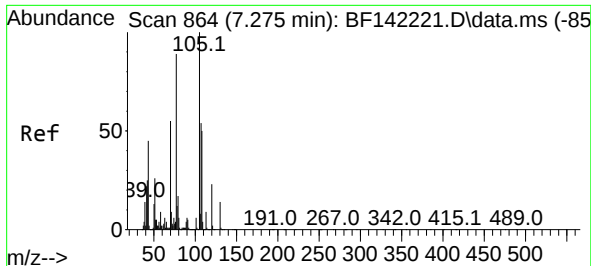
Tgt Ion:107 Resp: 854801
Ion Ratio Lower Upper
107 100
108 111.6 89.3 133.9
77 49.1 39.3 58.9
79 47.8 38.2 57.4



#18
Hexachloroethane
Concen: 39.000 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:117 Resp: 442548
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0
201 117.8 94.2 141.4

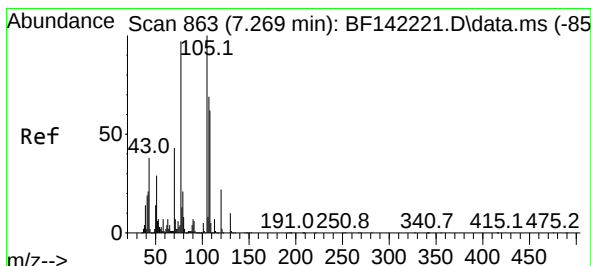
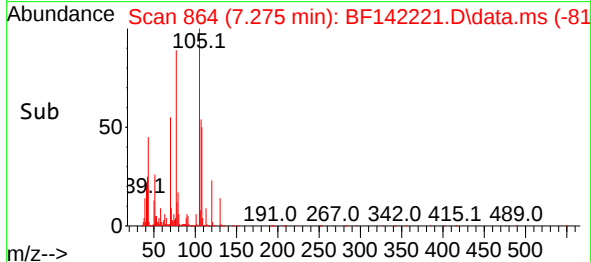
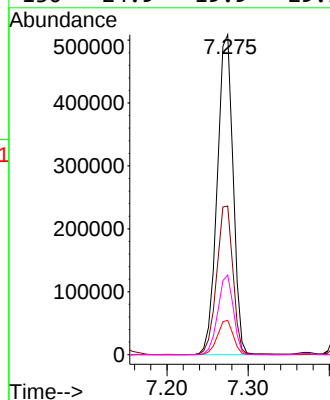
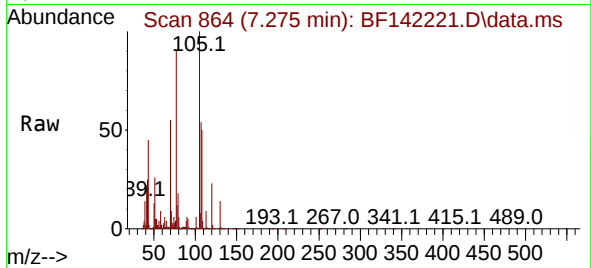




#19
n-Nitroso-di-n-propylamine
Concen: 38.464 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

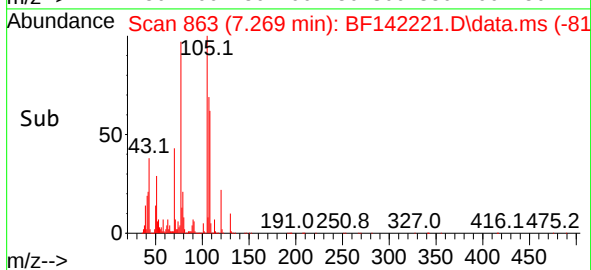
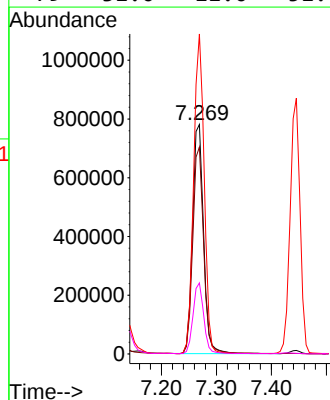
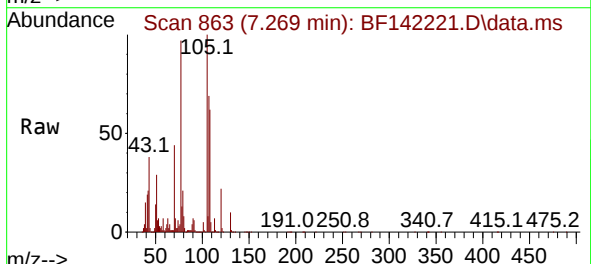
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

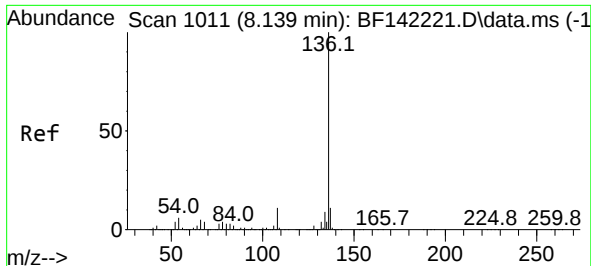
Tgt Ion: 70 Resp: 694495
Ion Ratio Lower Upper
70 100
42 46.4 37.1 55.7
101 10.7 8.6 12.8
130 24.9 19.9 29.9



#20
3+4-Methylphenols
Concen: 38.768 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 107 Resp: 1079003
Ion Ratio Lower Upper
107 100
108 90.2 70.2 110.2
77 139.4 119.4 159.4
79 31.0 11.0 51.0

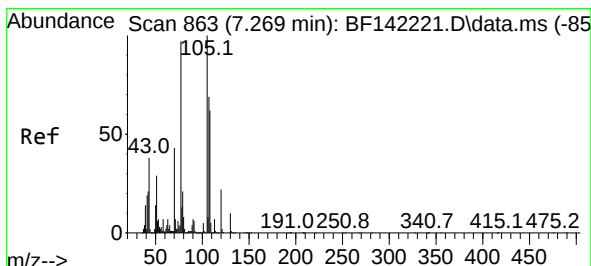
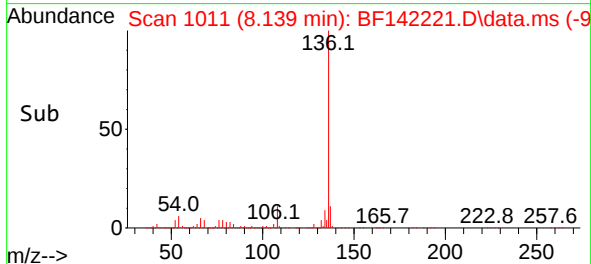
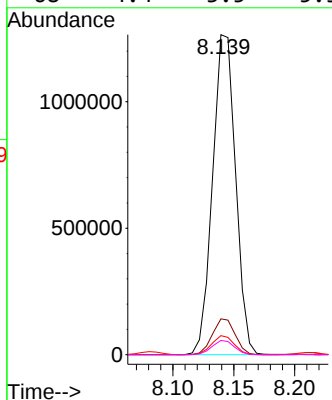
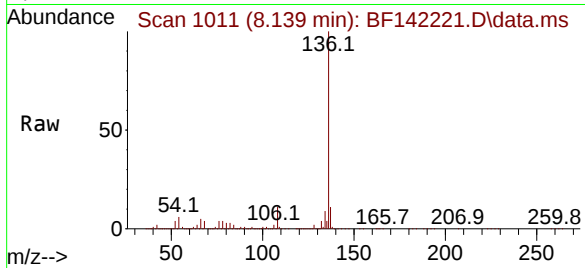




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

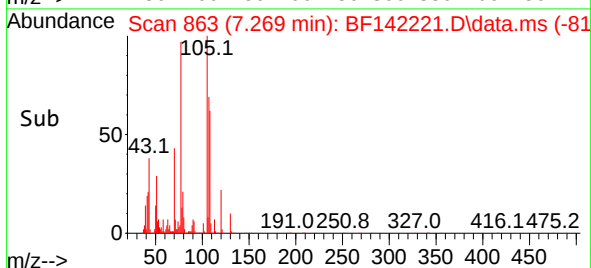
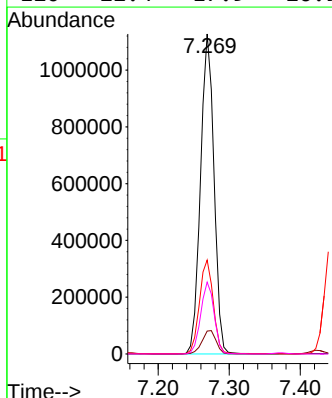
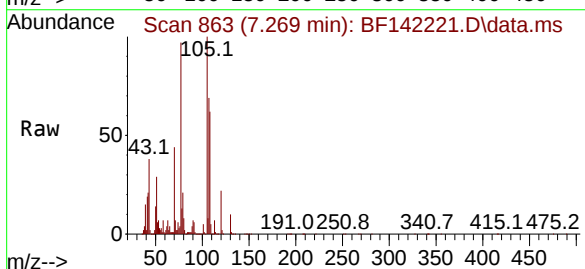
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

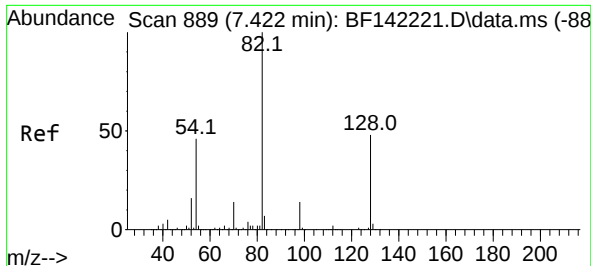
Tgt Ion:136 Resp: 1665134
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.9 4.7 7.1
68 4.4 3.5 5.3



#22
Acetophenone
Concen: 38.709 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:105 Resp: 1491090
Ion Ratio Lower Upper
105 100
71 7.1 5.7 8.5
51 29.4 23.5 35.3
120 22.4 17.9 26.9





#23

Nitrobenzene-d5

Concen: 79.036 ng

RT: 7.422 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

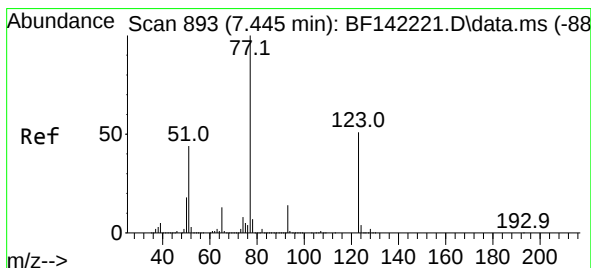
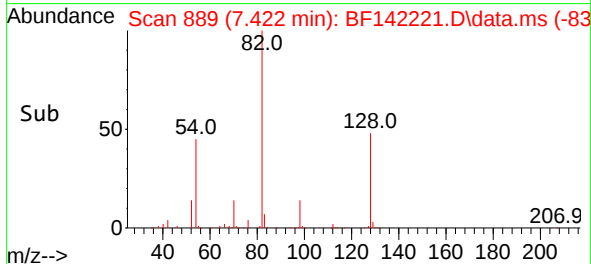
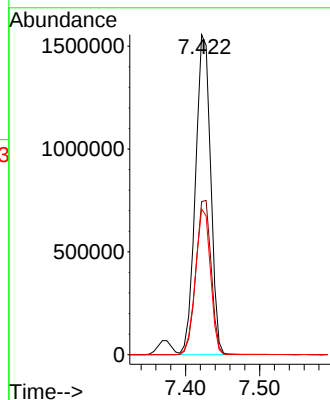
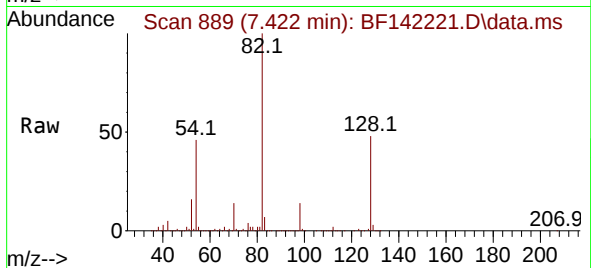
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 2208848

Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.3	57.5
54	45.5	36.4	54.6



#24

Nitrobenzene

Concen: 39.394 ng

RT: 7.445 min Scan# 893

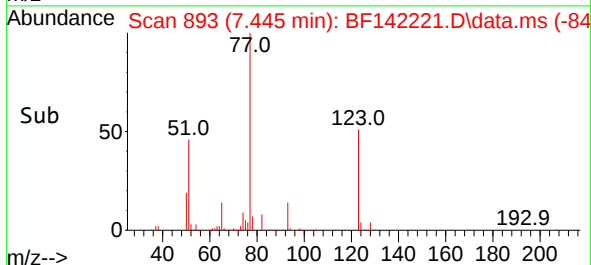
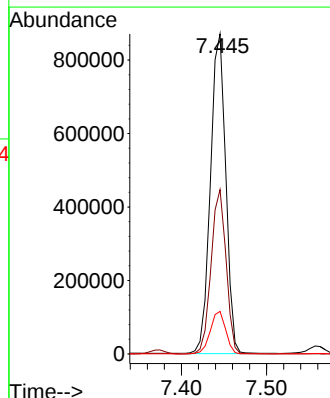
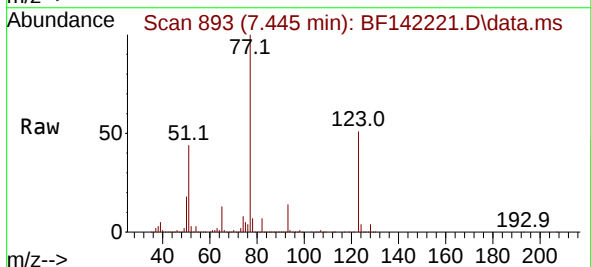
Delta R.T. 0.000 min

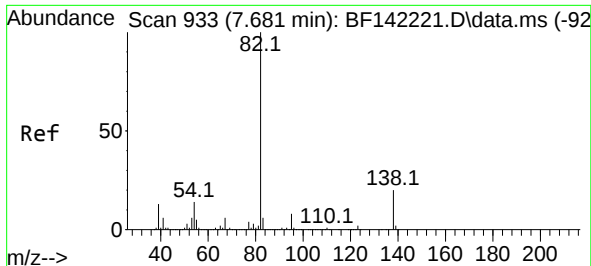
Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Tgt Ion: 77 Resp: 1087607

Ion	Ratio	Lower	Upper
77	100		
123	51.3	41.0	61.6
65	13.3	10.6	16.0

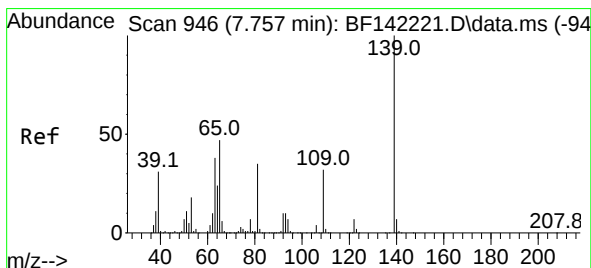
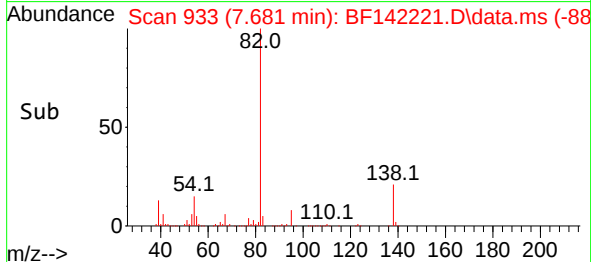
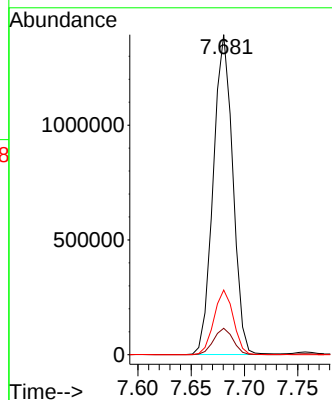
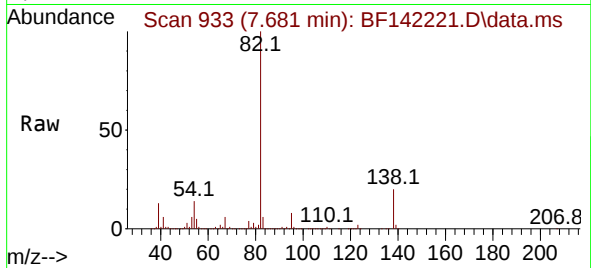




#25
Isophorone
Concen: 38.807 ng
RT: 7.681 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

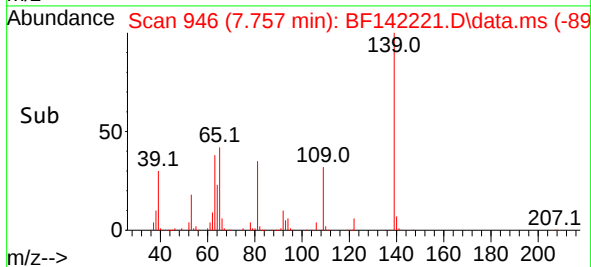
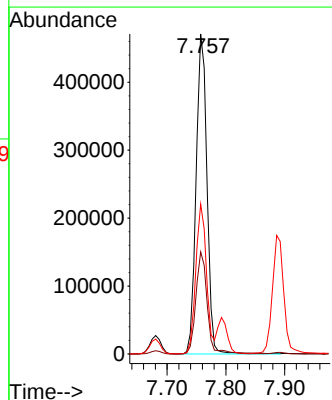
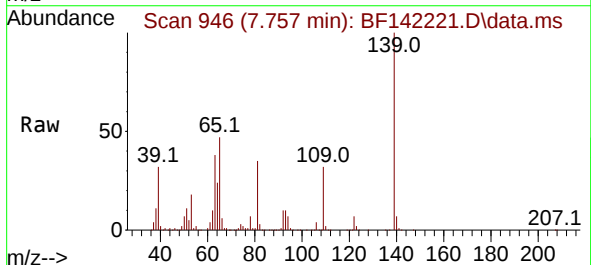
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

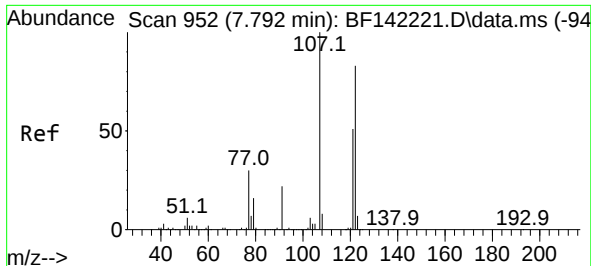
Tgt Ion: 82 Resp: 1778317
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 20.2 16.2 24.2



#26
2-Nitrophenol
Concen: 39.819 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 139 Resp: 603728
Ion Ratio Lower Upper
139 100
109 31.9 25.5 38.3
65 46.8 37.4 56.2





#27

2,4-Dimethylphenol

Concen: 38.961 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142221.D

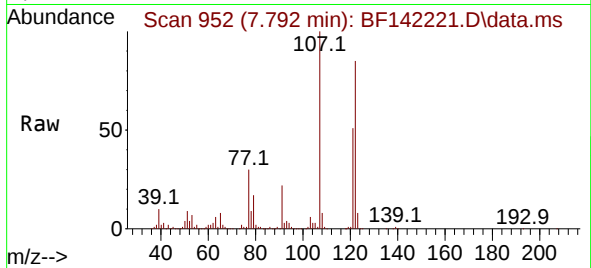
Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



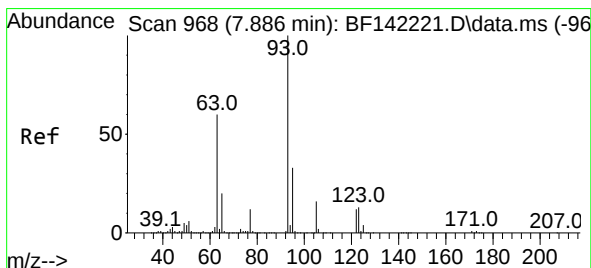
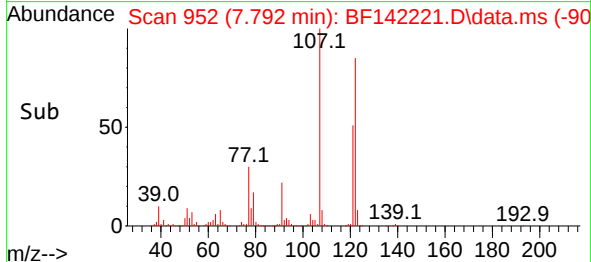
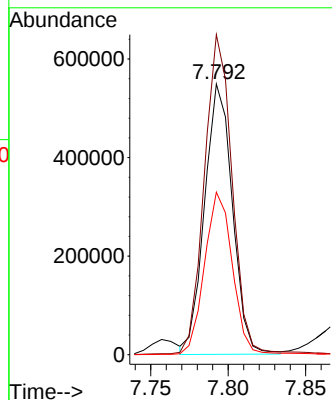
Tgt Ion:122 Resp: 686459

Ion Ratio Lower Upper

122 100

107 118.2 94.6 141.8

121 60.0 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.695 ng

RT: 7.886 min Scan# 968

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

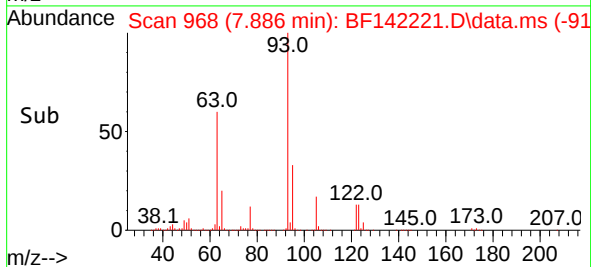
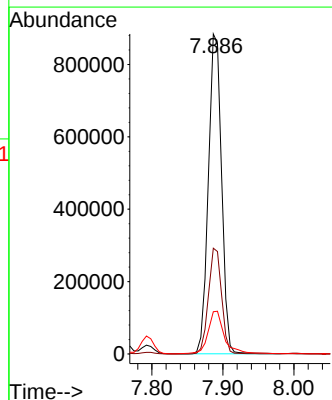
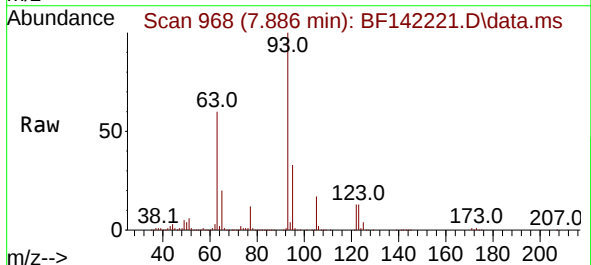
Tgt Ion: 93 Resp: 1143730

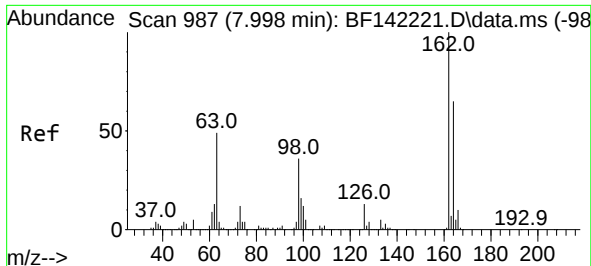
Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

123 13.2 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 39.313 ng

RT: 7.998 min Scan# 98

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

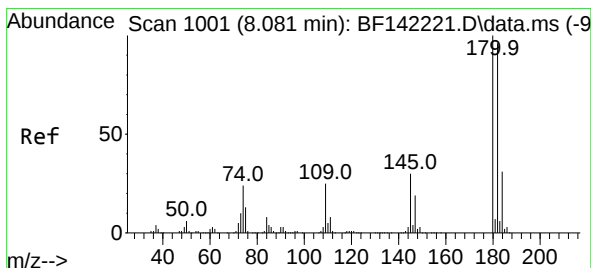
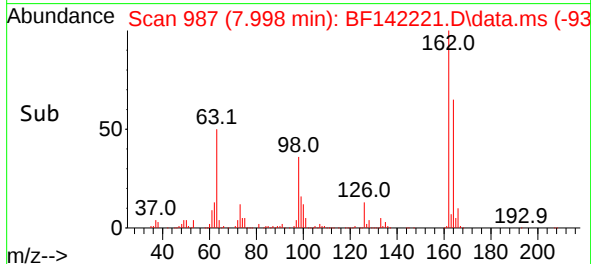
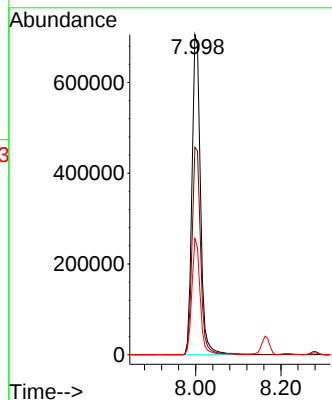
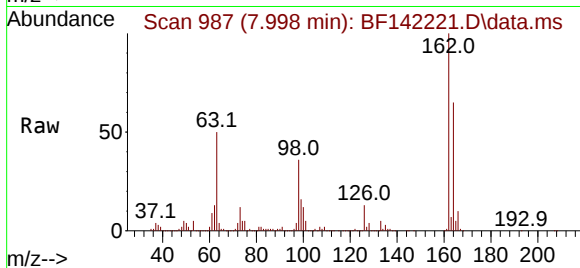
Tgt Ion:162 Resp: 975830

Ion Ratio Lower Upper

162 100

164 64.7 44.7 84.7

98 36.3 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 39.155 ng

RT: 8.081 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

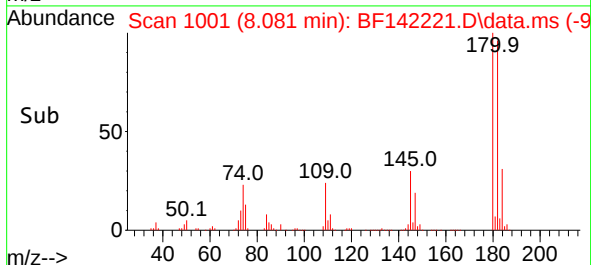
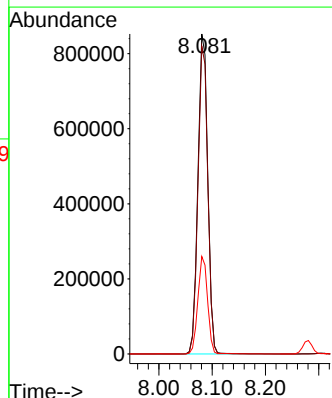
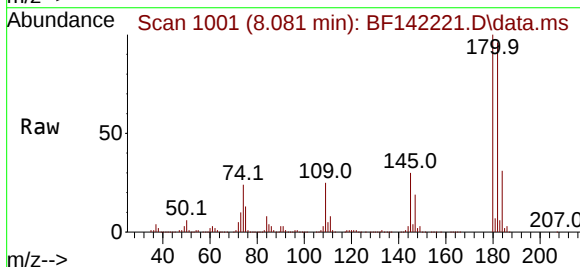
Tgt Ion:180 Resp: 1096565

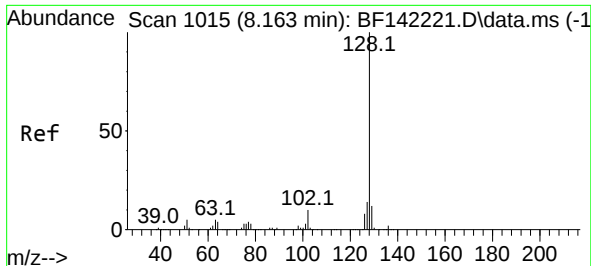
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 30.4 24.3 36.5

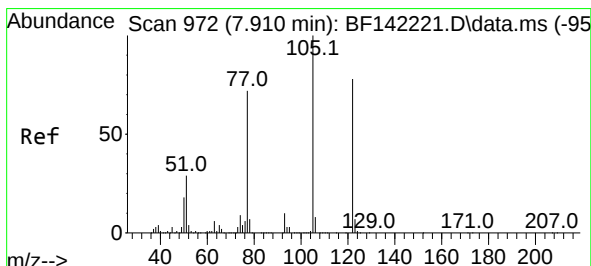
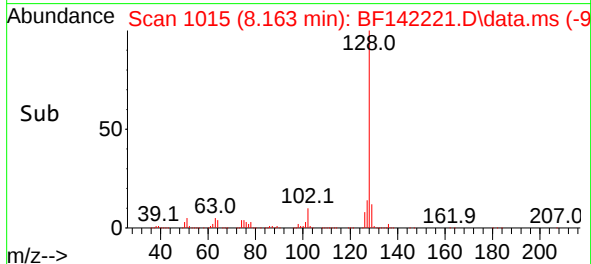
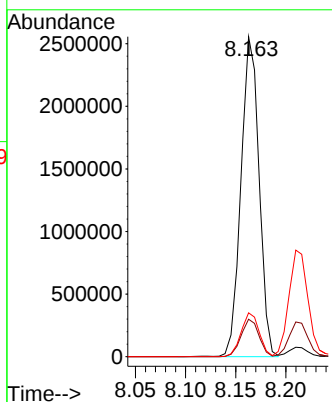
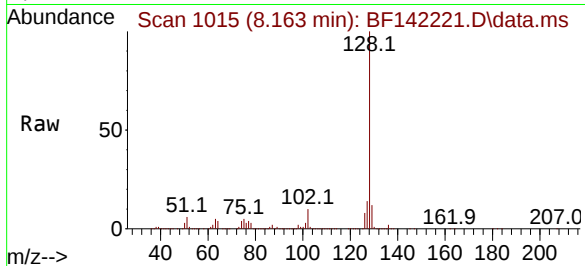




#31
Naphthalene
Concen: 39.309 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

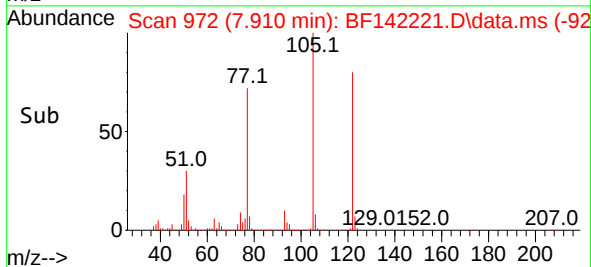
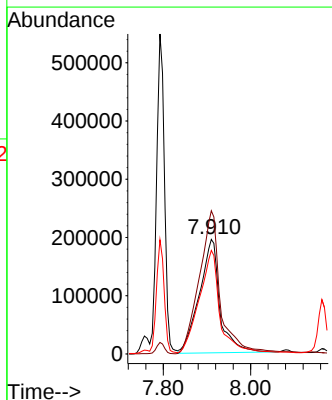
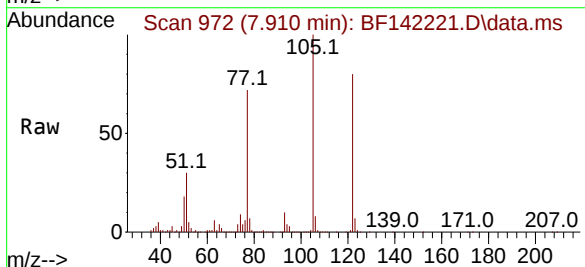
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

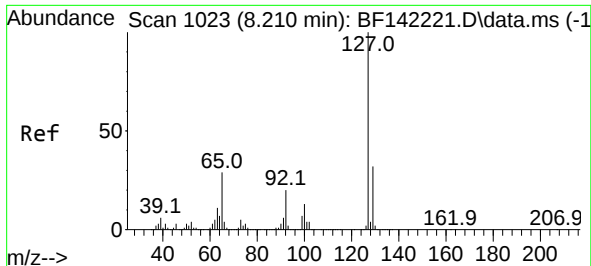
Tgt Ion:128 Resp: 3217163
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 40.006 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:122 Resp: 638269
Ion Ratio Lower Upper
122 100
105 124.9 104.9 144.9
77 90.3 70.3 110.3



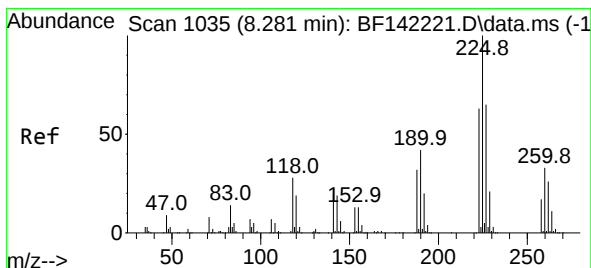
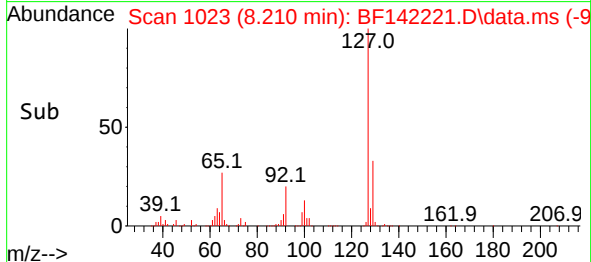
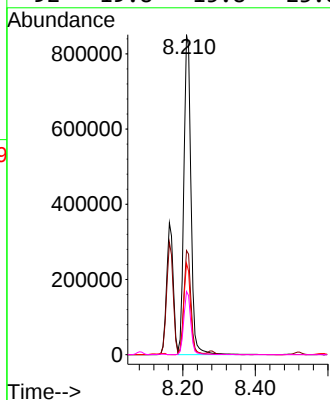
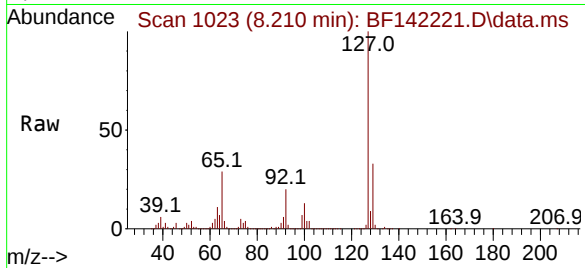


#33
4-Chloroaniline
Concen: 40.074 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1154997

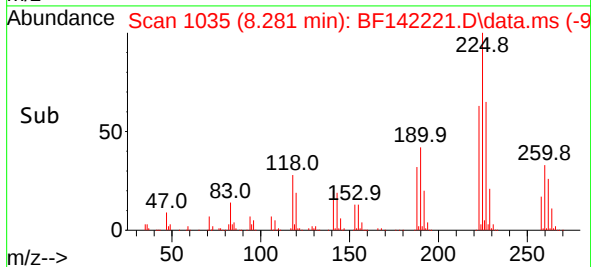
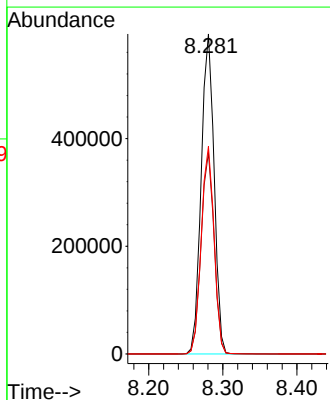
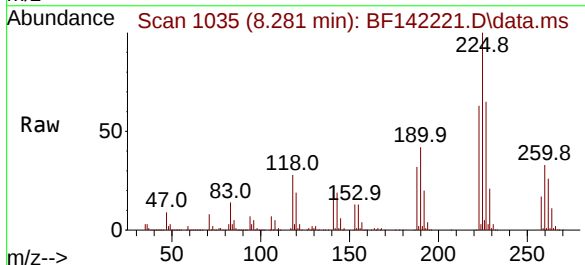
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	28.5	22.8	34.2
92	19.8	15.8	23.8

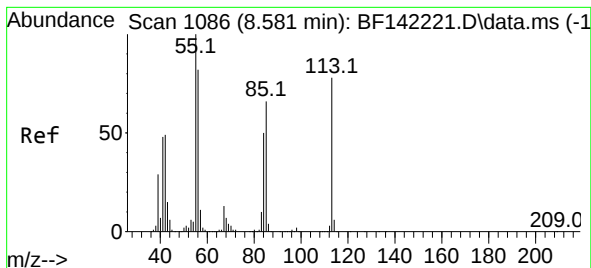


#34
Hexachlorobutadiene
Concen: 38.957 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:225 Resp: 719190

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	64.9	51.9	77.9





#35

Caprolactam

Concen: 39.643 ng

RT: 8.581 min Scan# 1106

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

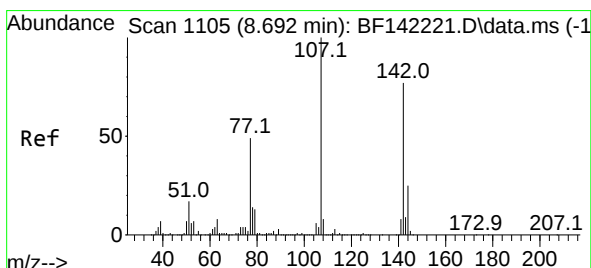
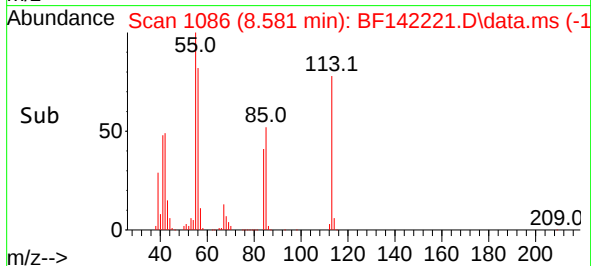
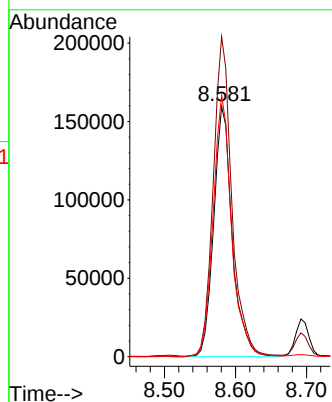
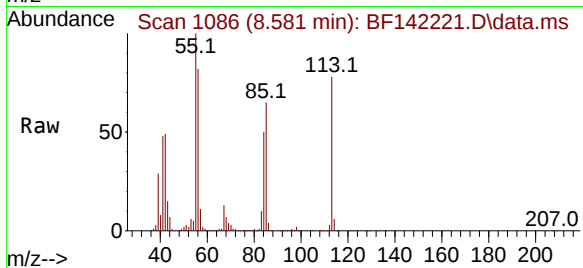
Tgt Ion:113 Resp: 288992

Ion Ratio Lower Upper

113 100

55 127.8 107.8 147.8

56 104.5 84.5 124.5



#36

4-Chloro-3-methylphenol

Concen: 39.883 ng

RT: 8.692 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

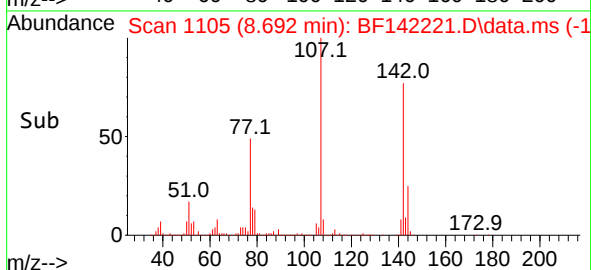
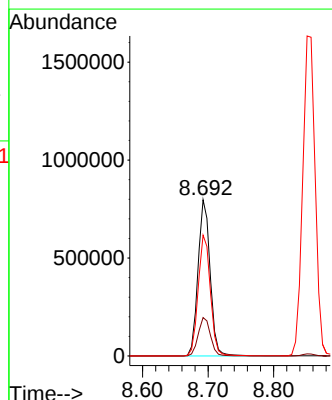
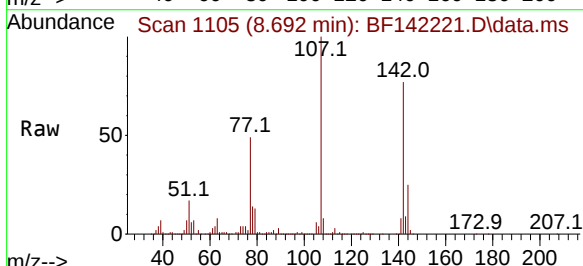
Tgt Ion:107 Resp: 1029131

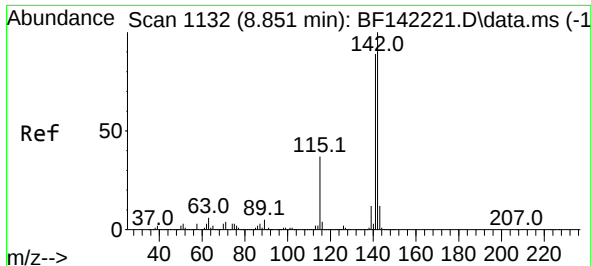
Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

142 77.3 61.8 92.8

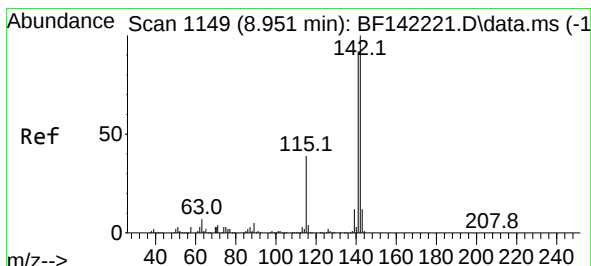
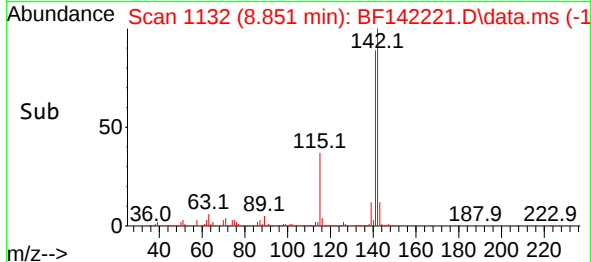
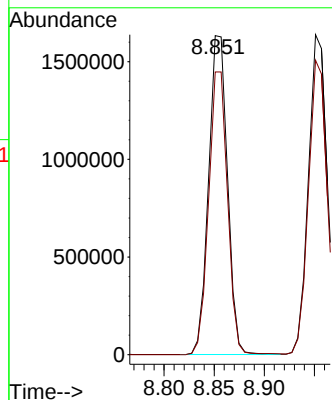
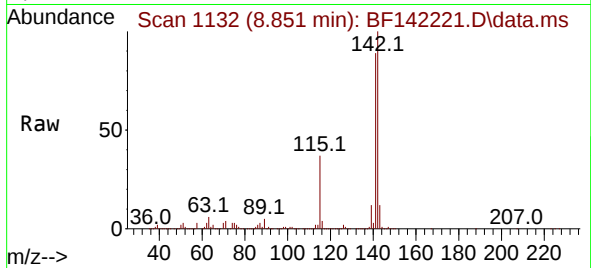




#37
2-Methylnaphthalene
Concen: 39.096 ng
RT: 8.851 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

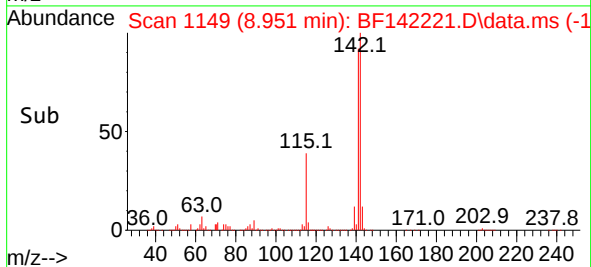
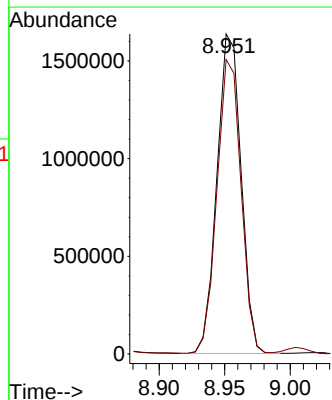
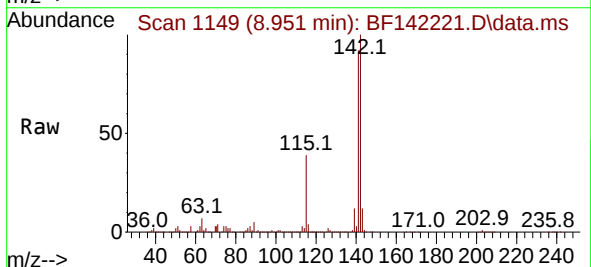
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

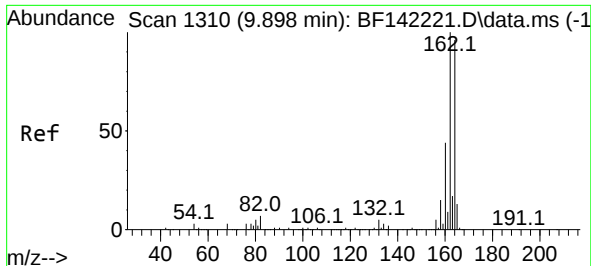
Tgt Ion:142 Resp: 2147112
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3



#38
1-Methylnaphthalene
Concen: 39.127 ng
RT: 8.951 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:142 Resp: 2093555
Ion Ratio Lower Upper
142 100
141 92.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

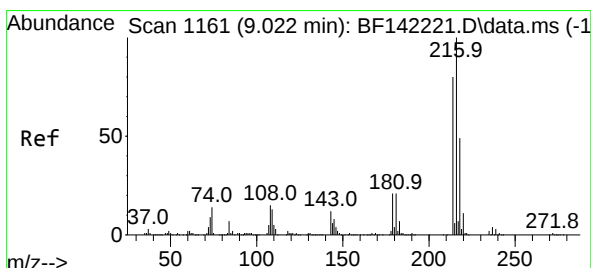
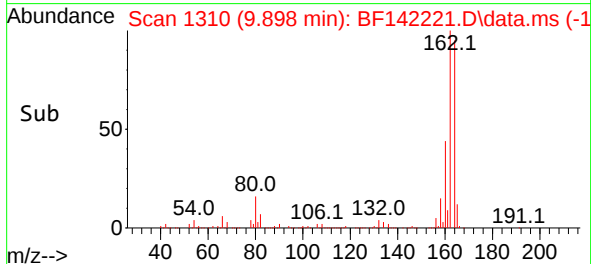
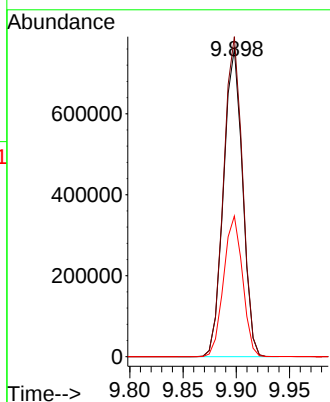
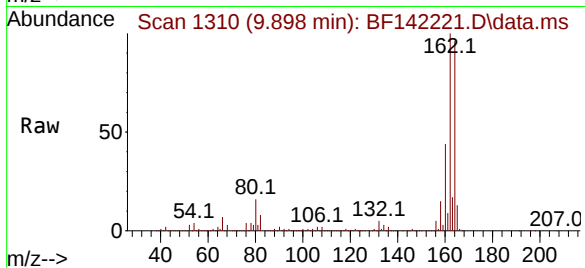
Tgt Ion:164 Resp: 941522

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 45.6 36.5 54.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.446 ng

RT: 9.022 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Tgt Ion:216 Resp: 1154144

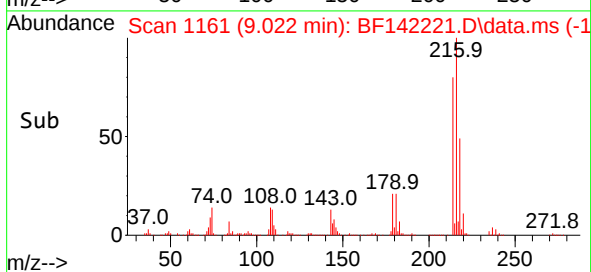
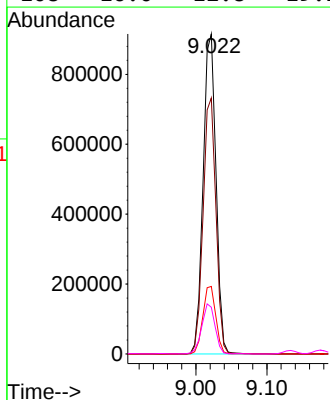
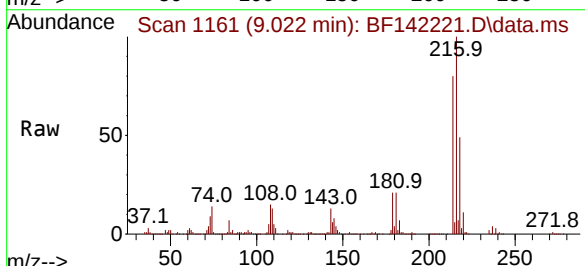
Ion Ratio Lower Upper

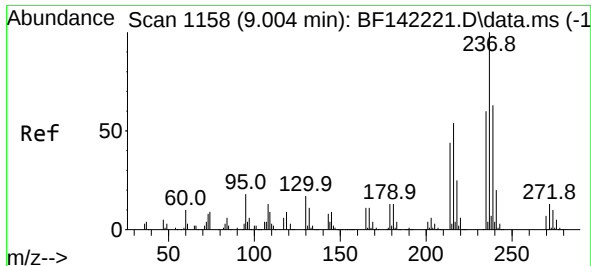
216 100

214 80.1 64.1 96.1

179 21.3 17.0 25.6

108 16.0 12.8 19.2

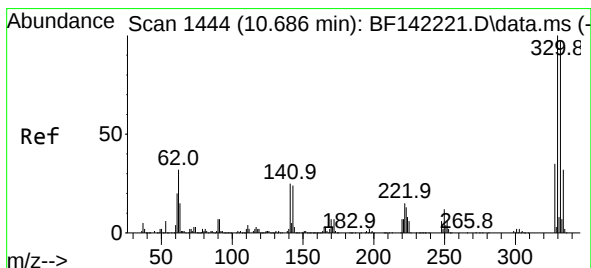
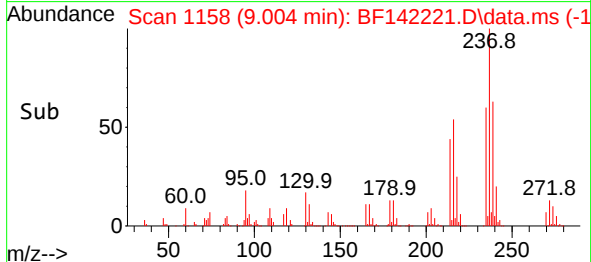
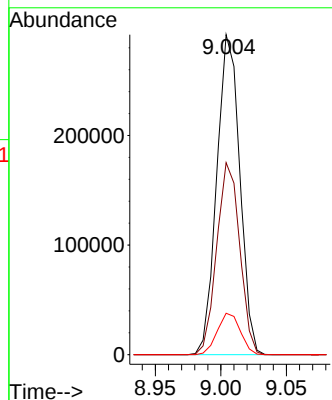
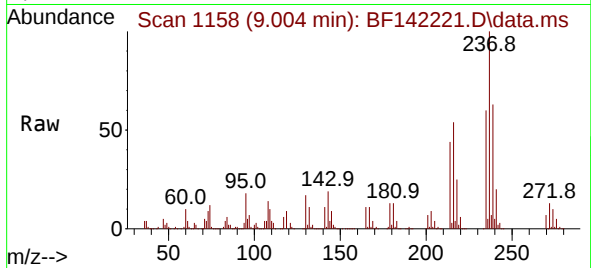




#41
Hexachlorocyclopentadiene
Concen: 39.684 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

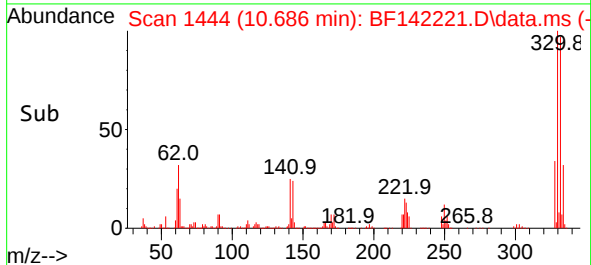
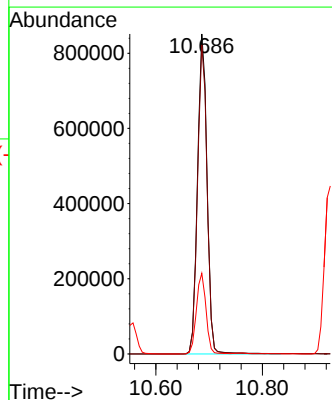
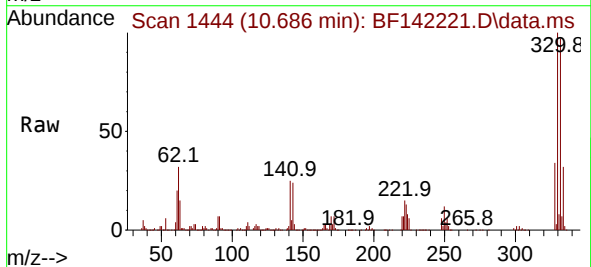
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

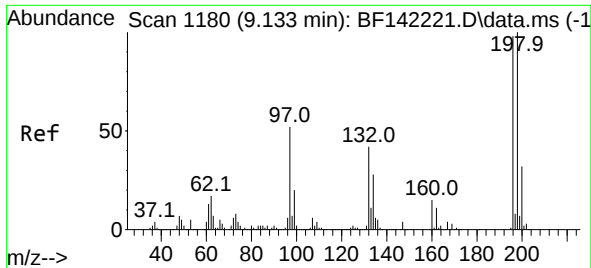
Tgt Ion:237 Resp: 356494
Ion Ratio Lower Upper
237 100
235 60.0 40.0 80.0
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 80.547 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:330 Resp: 1063038
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 25.3 20.2 30.4

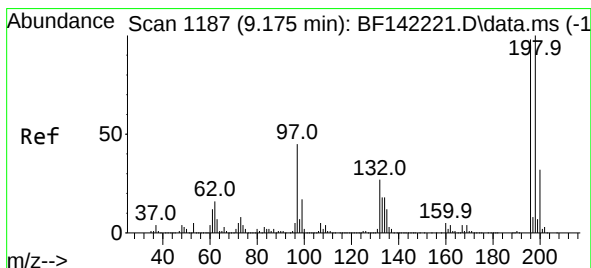
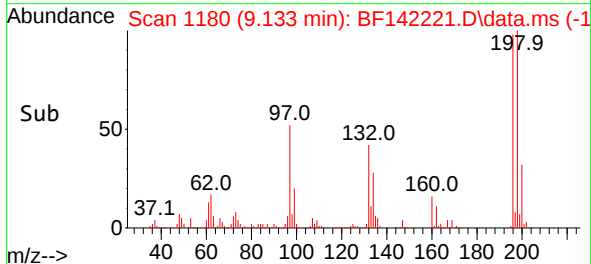
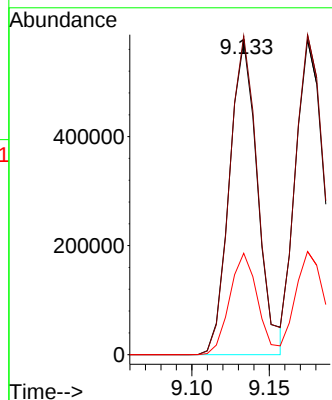
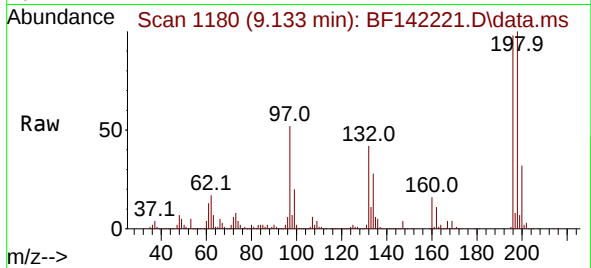




#43
2,4,6-Trichlorophenol
Concen: 40.030 ng
RT: 9.133 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

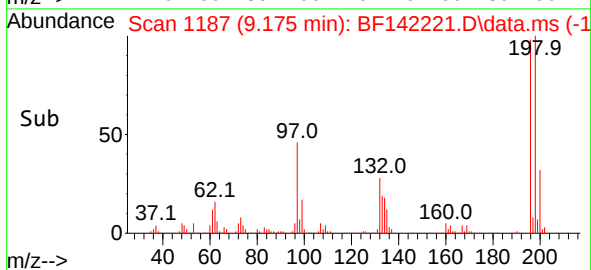
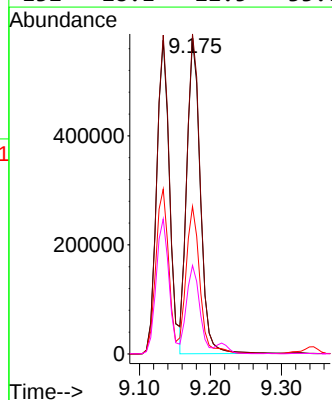
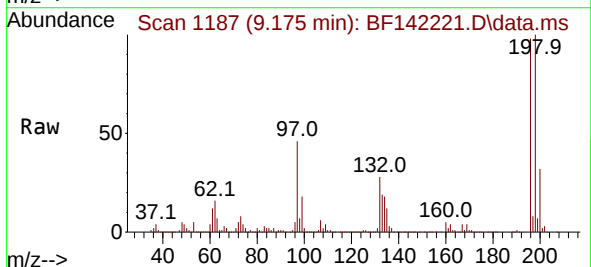
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

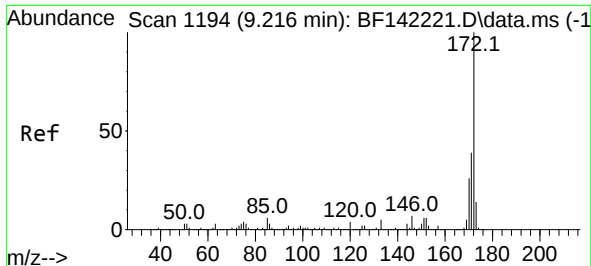
Tgt Ion:196 Resp: 727004
Ion Ratio Lower Upper
196 100
198 101.6 81.3 121.9
200 32.3 25.8 38.8



#44
2,4,5-Trichlorophenol
Concen: 39.084 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:196 Resp: 761136
Ion Ratio Lower Upper
196 100
198 101.7 81.4 122.0
97 46.8 37.4 56.2
132 28.1 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 76.534 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

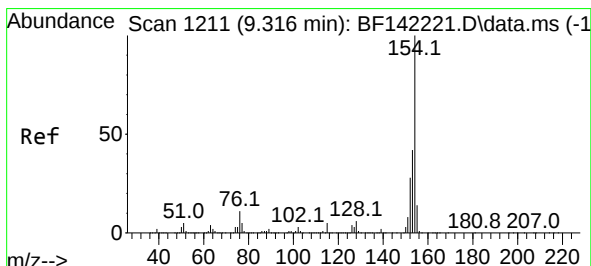
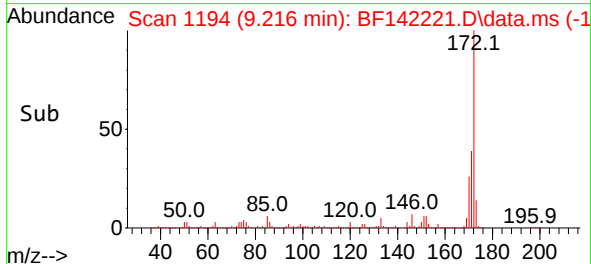
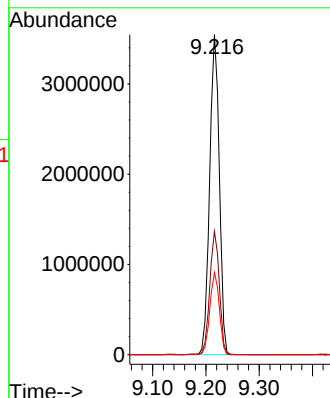
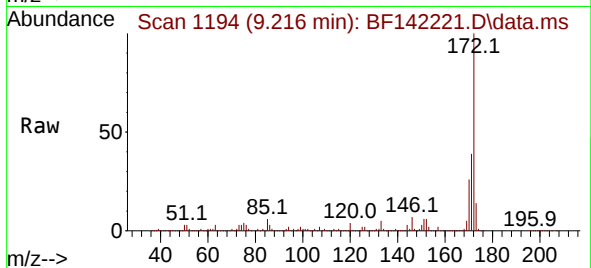
Tgt Ion:172 Resp: 4478090

Ion Ratio Lower Upper

172 100

171 38.6 30.9 46.3

170 25.7 20.6 30.8



#46

1,1'-Biphenyl

Concen: 38.933 ng

RT: 9.316 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

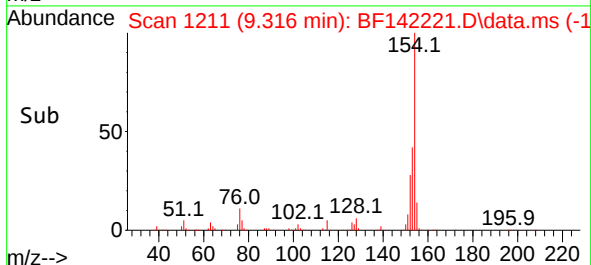
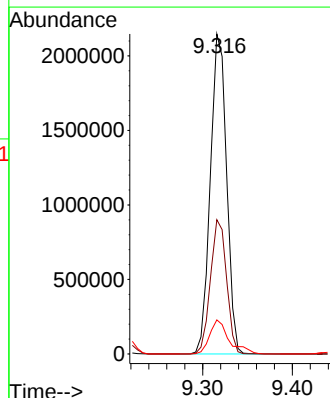
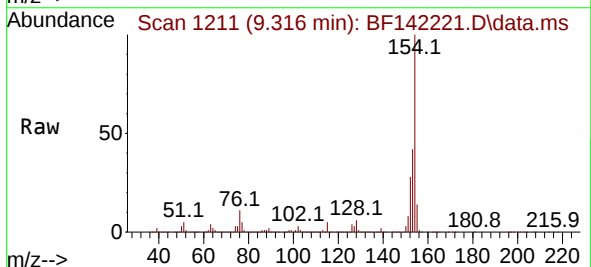
Tgt Ion:154 Resp: 2699247

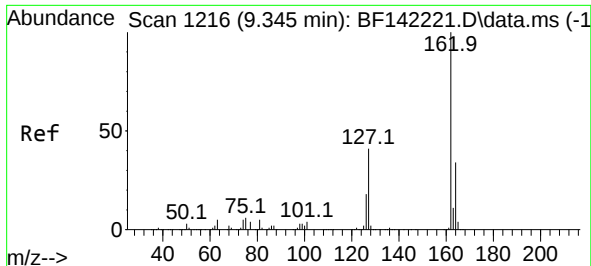
Ion Ratio Lower Upper

154 100

153 42.0 22.0 62.0

76 10.7 0.0 30.7

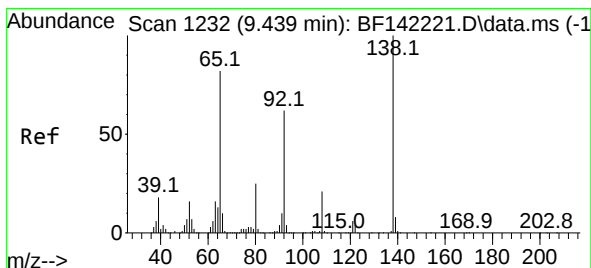
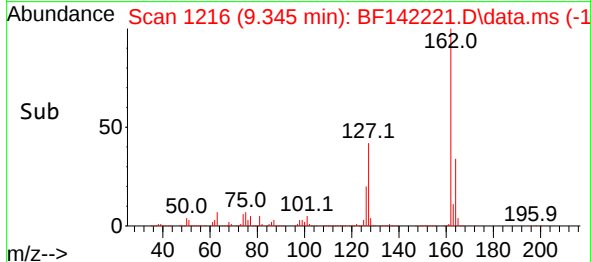
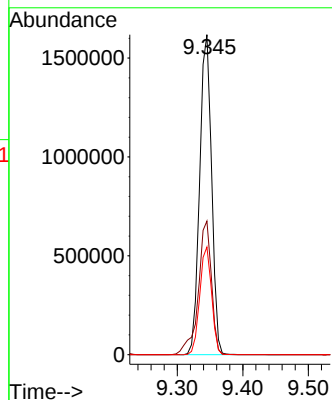
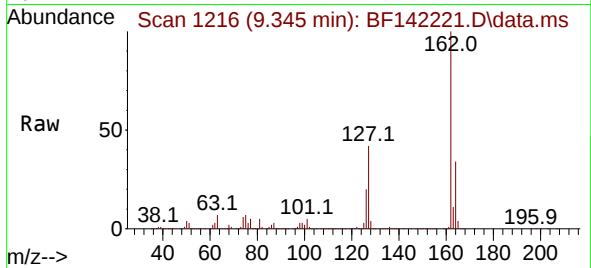




#47
2-Chloronaphthalene
Concen: 38.531 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

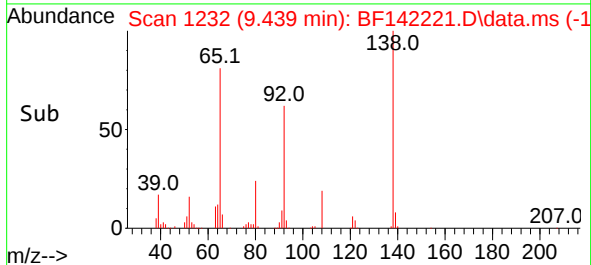
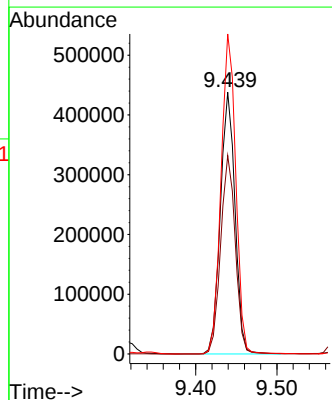
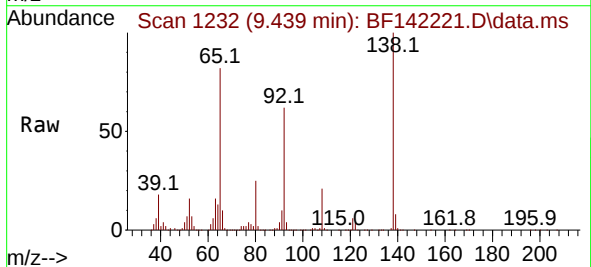
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

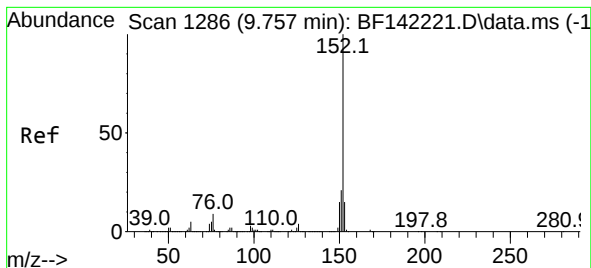
Tgt Ion:162 Resp: 2048403
Ion Ratio Lower Upper
162 100
127 41.7 33.4 50.0
164 33.6 26.9 40.3



#48
2-Nitroaniline
Concen: 40.047 ng
RT: 9.439 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 65 Resp: 551010
Ion Ratio Lower Upper
65 100
92 75.8 60.6 91.0
138 122.2 97.8 146.6





#49

Acenaphthylene

Concen: 38.771 ng

RT: 9.757 min Scan# 1286

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

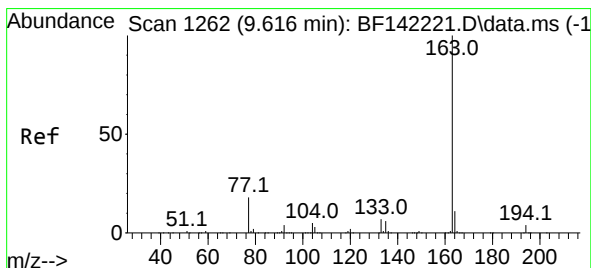
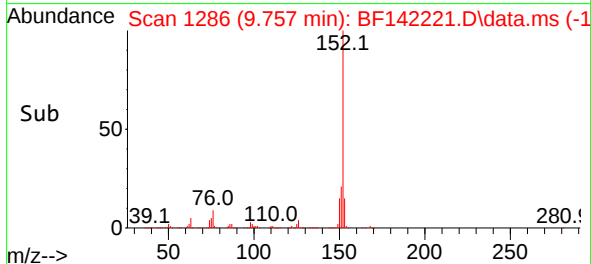
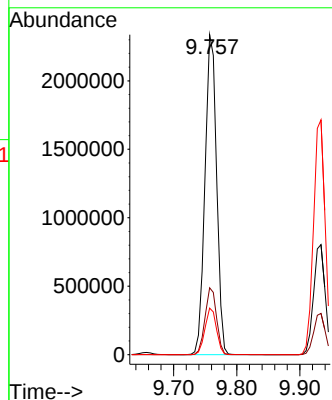
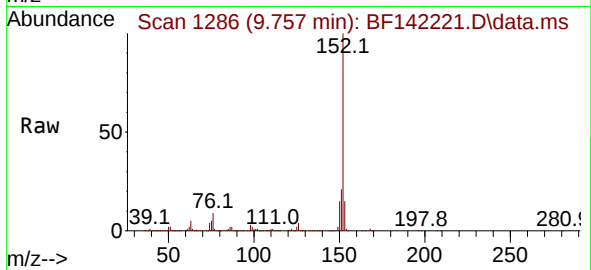
Tgt Ion:152 Resp: 2989606

Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 14.5 11.6 17.4



#50

Dimethylphthalate

Concen: 38.849 ng

RT: 9.616 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

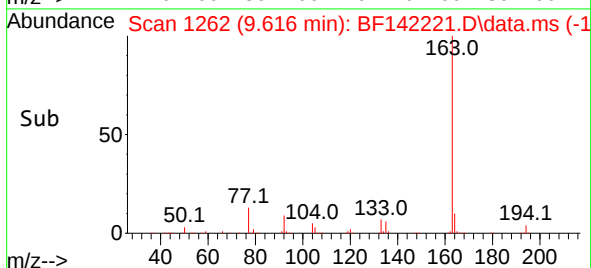
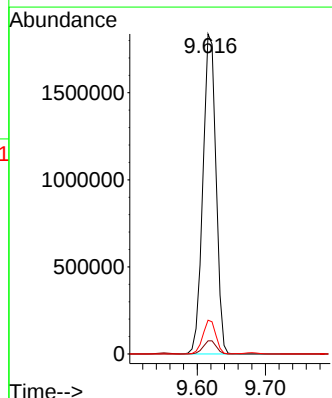
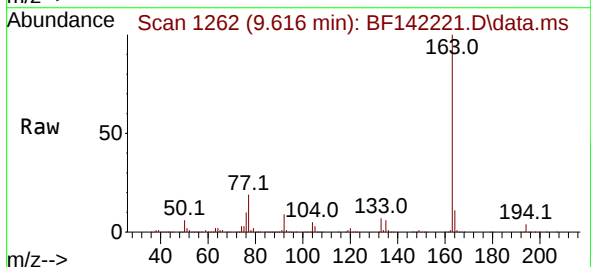
Tgt Ion:163 Resp: 2456311

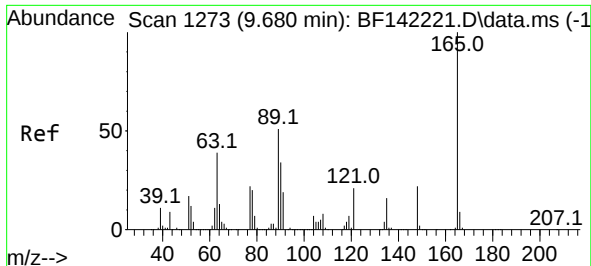
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.6 8.5 12.7

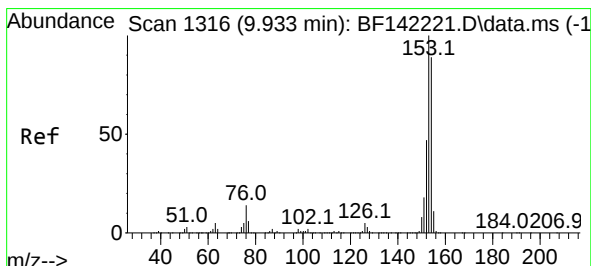
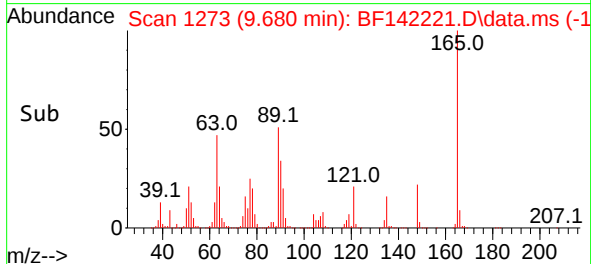
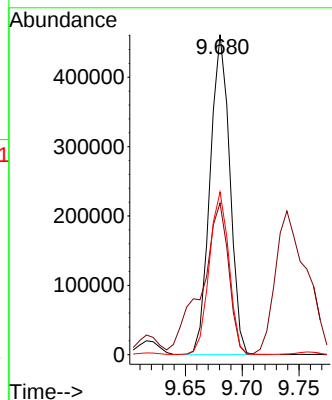
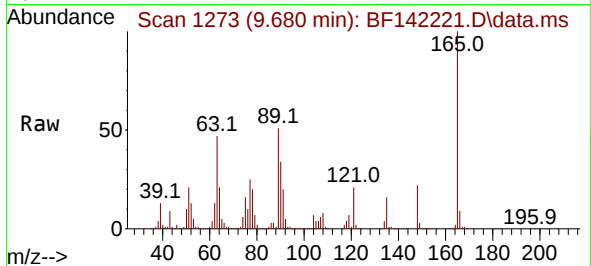




#51
2,6-Dinitrotoluene
Concen: 39.476 ng
RT: 9.680 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

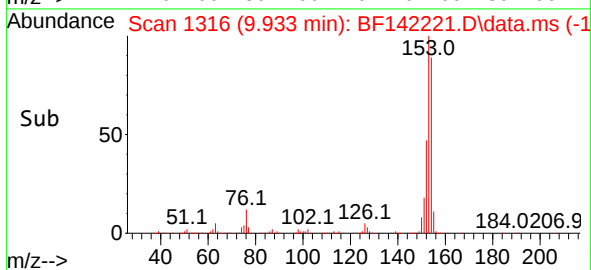
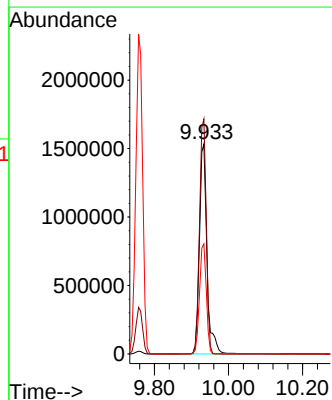
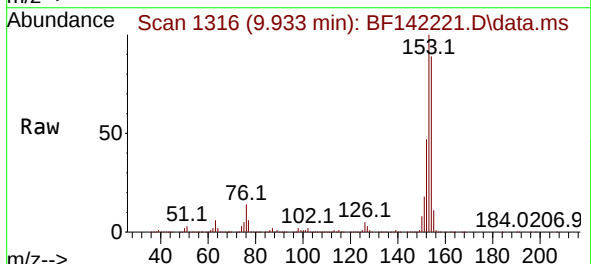
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

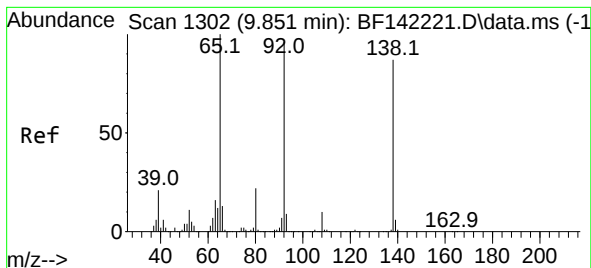
Tgt Ion:165 Resp: 555795
Ion Ratio Lower Upper
165 100
63 47.4 37.9 56.9
89 50.8 40.6 61.0



#52
Acenaphthene
Concen: 39.291 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:154 Resp: 2165517
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 39.560 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

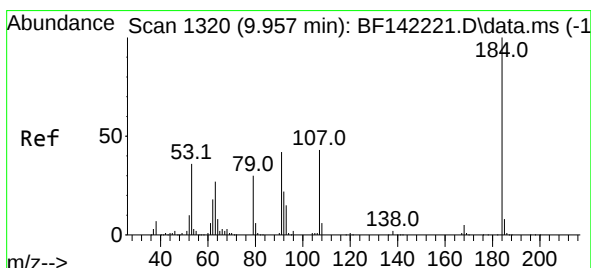
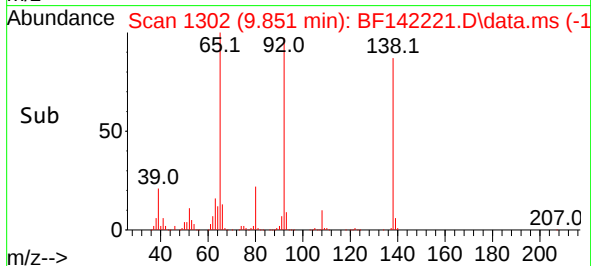
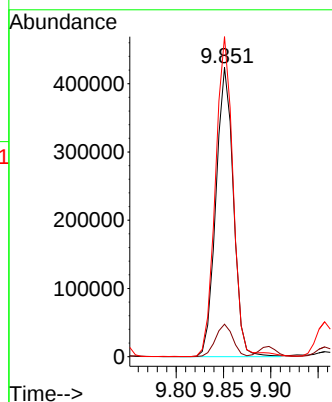
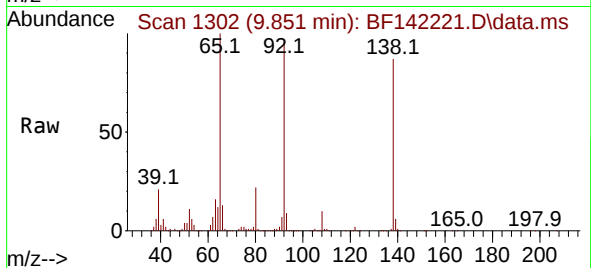
Tgt Ion:138 Resp: 545135

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.6

92 110.6 88.5 132.7



#54

2,4-Dinitrophenol

Concen: 42.007 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

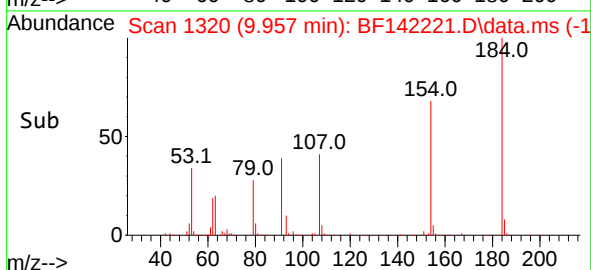
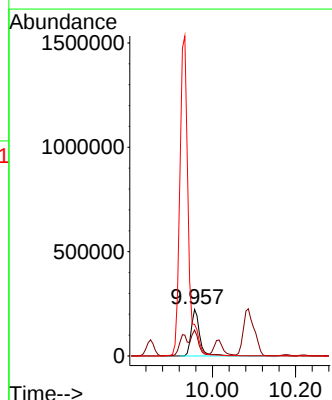
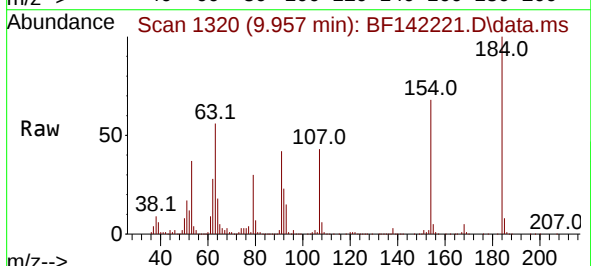
Tgt Ion:184 Resp: 320353

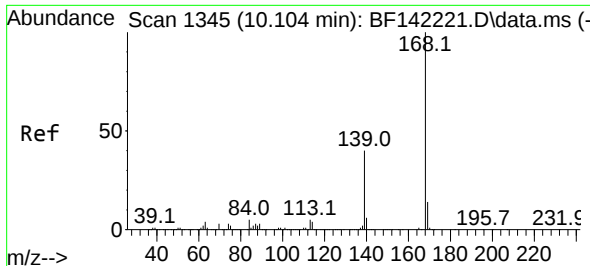
Ion Ratio Lower Upper

184 100

63 55.7 44.6 66.8

154 67.8 54.2 81.4

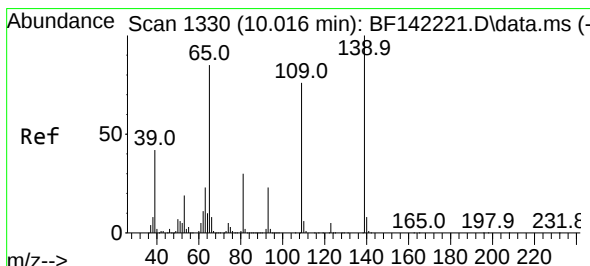
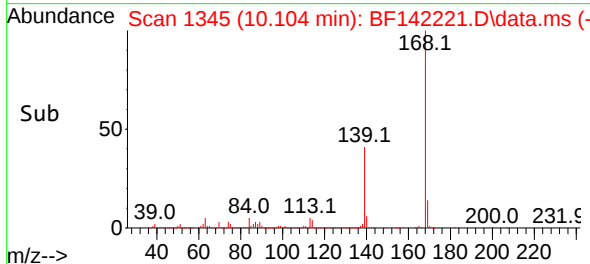
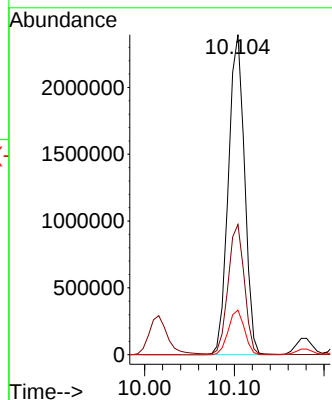
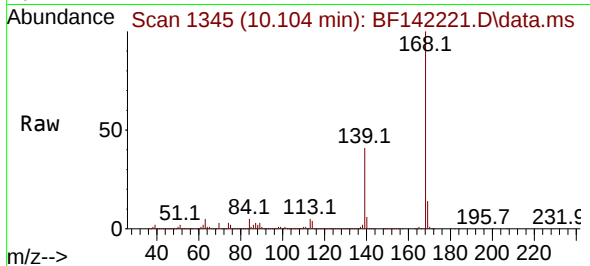




#55
Dibenzofuran
Concen: 38.560 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

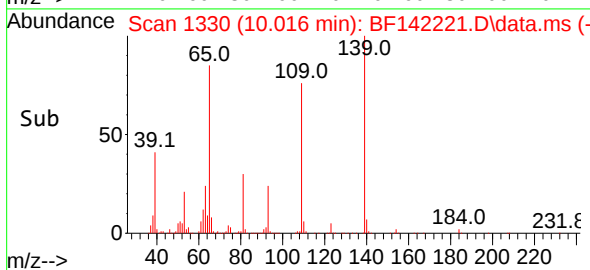
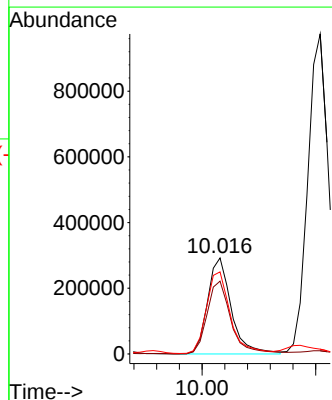
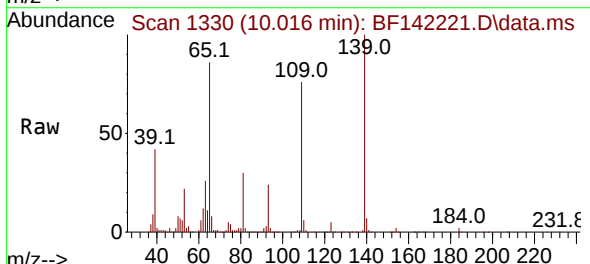
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

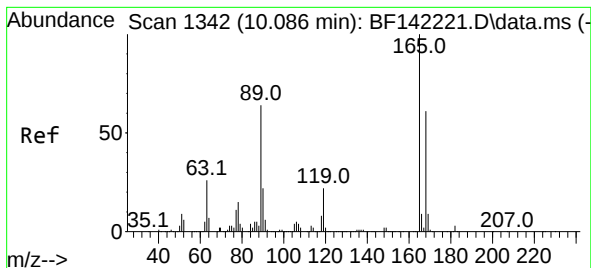
Tgt Ion:168 Resp: 2995988
Ion Ratio Lower Upper
168 100
139 40.7 32.6 48.8
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 42.006 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:139 Resp: 421676
Ion Ratio Lower Upper
139 100
109 75.8 55.8 95.8
65 85.5 65.5 105.5

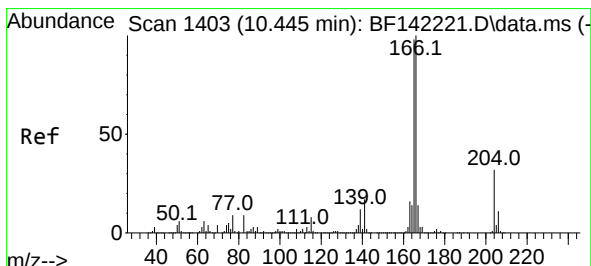
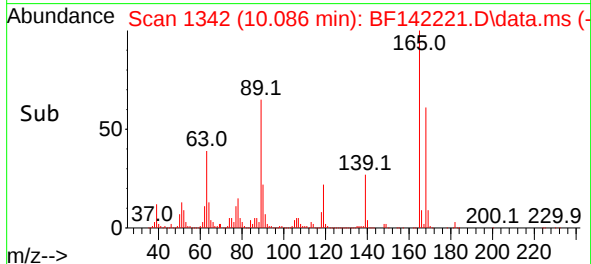
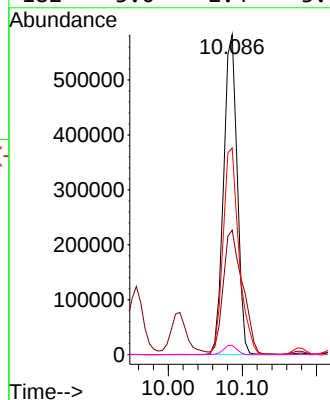
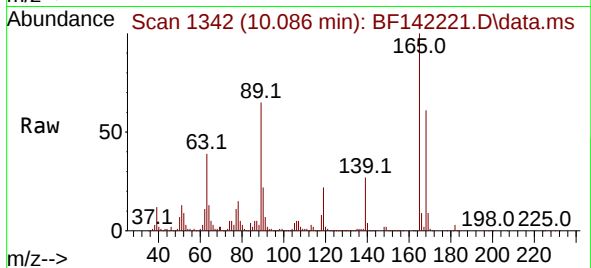




#57
2,4-Dinitrotoluene
Concen: 39.428 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

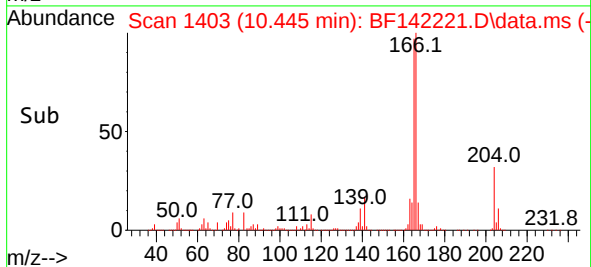
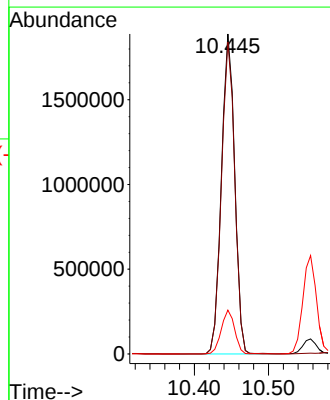
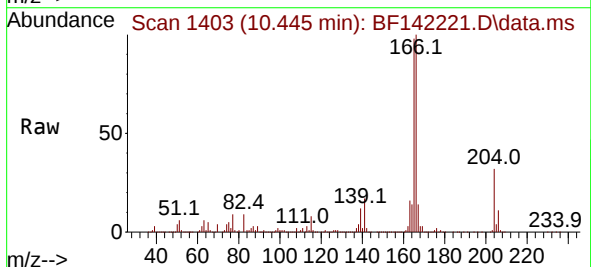
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

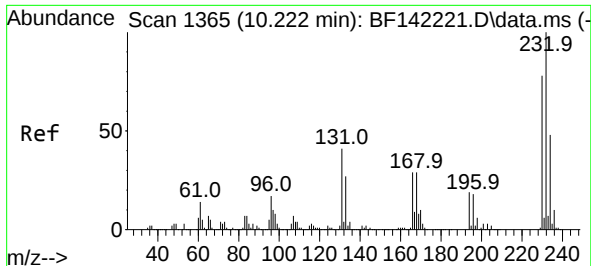
Tgt Ion:165 Resp: 743821
Ion Ratio Lower Upper
165 100
63 38.9 31.1 46.7
89 64.6 51.7 77.5
182 3.0 2.4 3.6



#58
Fluorene
Concen: 38.629 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:166 Resp: 2353207
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.7 11.0 16.4

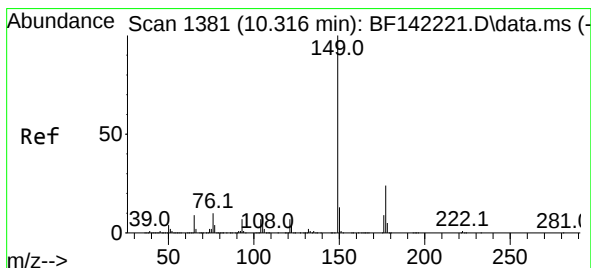
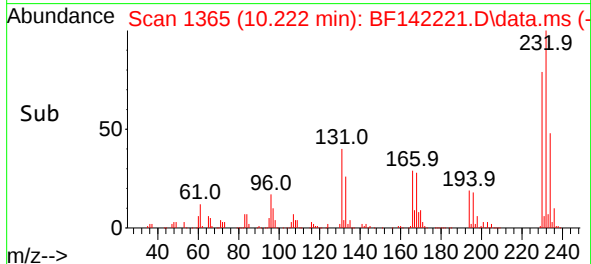
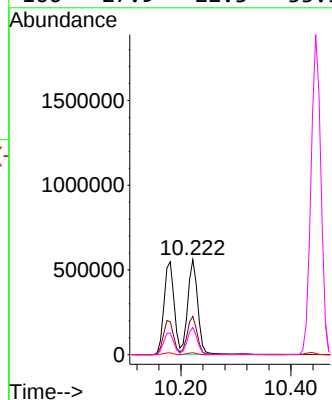
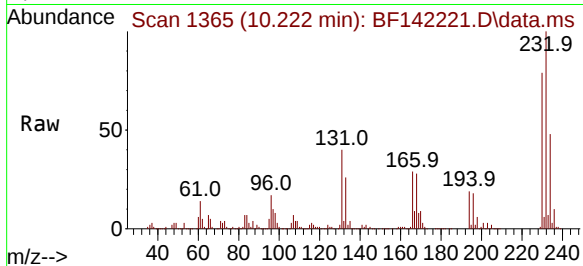




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.183 ng
RT: 10.222 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

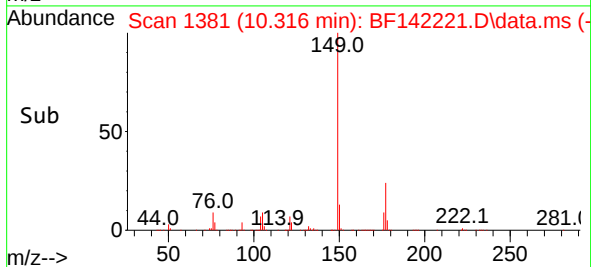
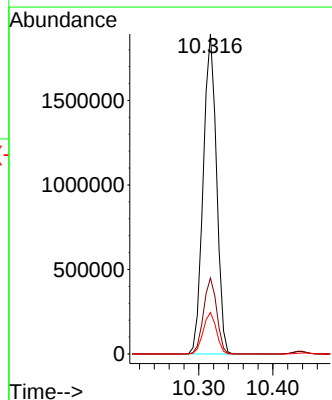
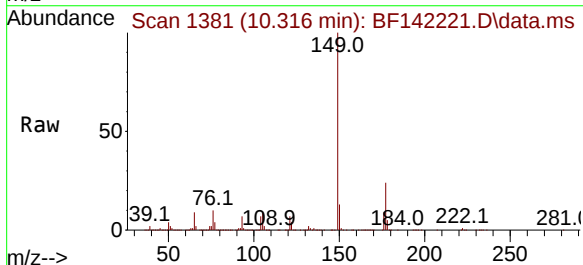
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

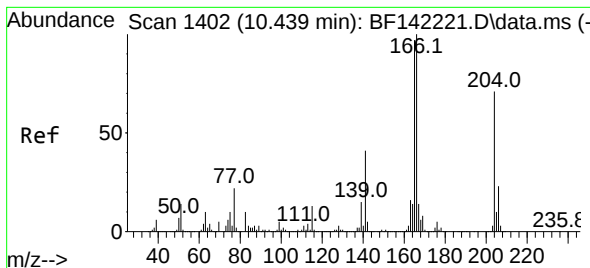
Tgt Ion:232 Resp: 709998
Ion Ratio Lower Upper
232 100
131 40.2 32.2 48.2
130 2.1 1.7 2.5
166 27.9 22.3 33.5



#60
Diethylphthalate
Concen: 38.993 ng
RT: 10.316 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:149 Resp: 2357816
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.6
150 12.9 10.3 15.5

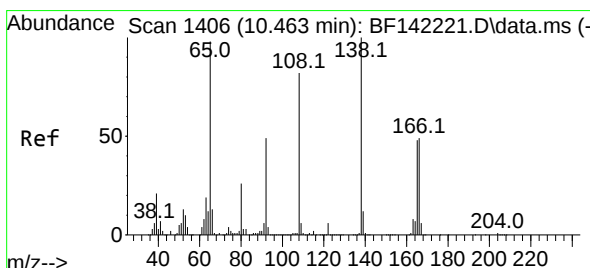
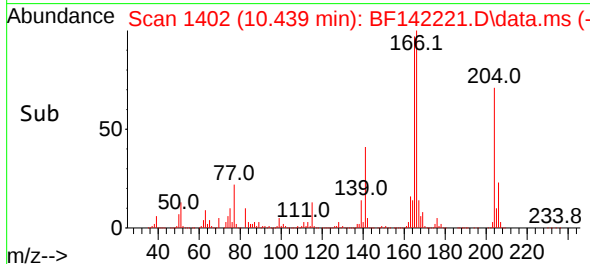
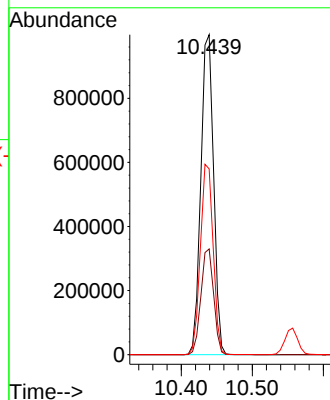
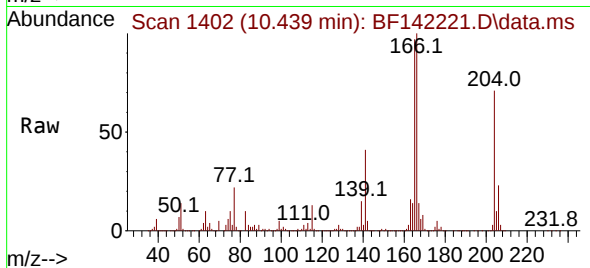




#61
4-Chlorophenyl-phenylether
Concen: 38.782 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

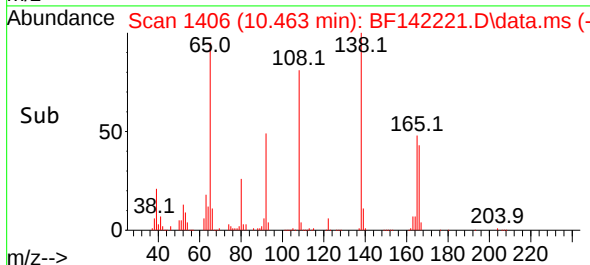
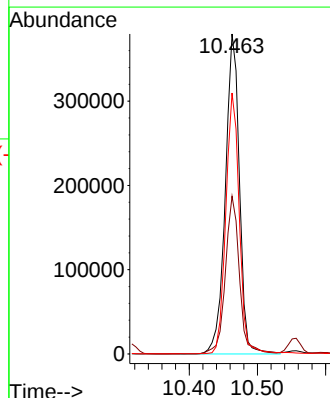
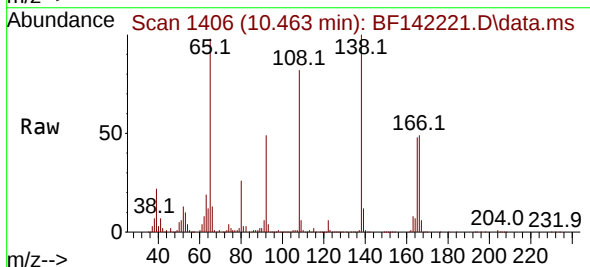
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

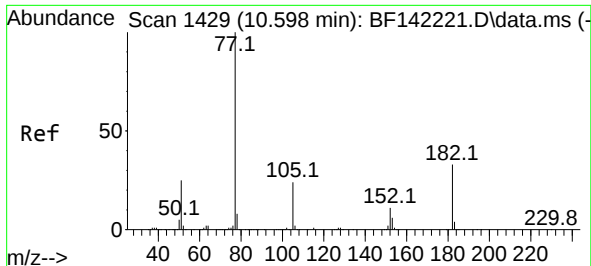
Tgt Ion:204 Resp: 1250782
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 58.0 46.4 69.6



#62
4-Nitroaniline
Concen: 40.267 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:138 Resp: 548882
Ion Ratio Lower Upper
138 100
92 49.3 29.3 69.3
108 81.6 61.6 101.6

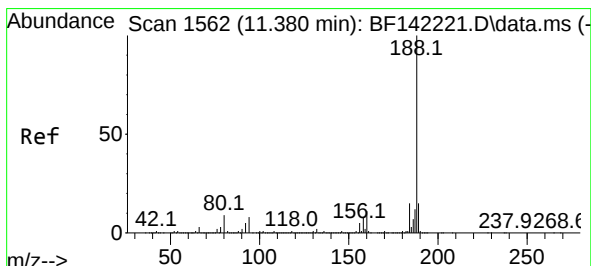
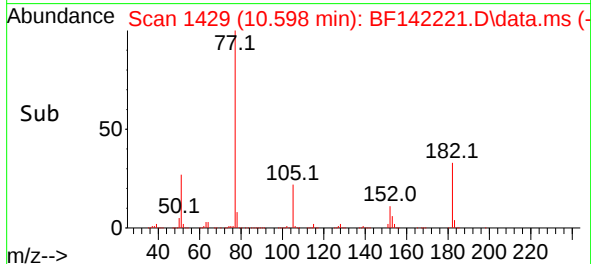
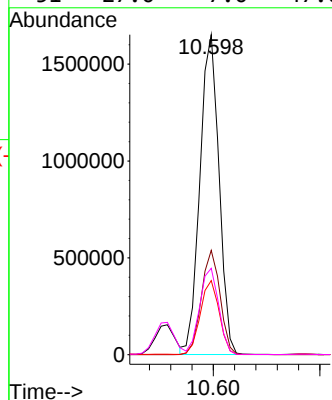
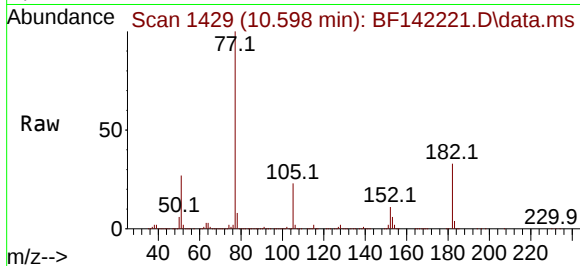




#63
Azobenzene
Concen: 39.252 ng
RT: 10.598 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

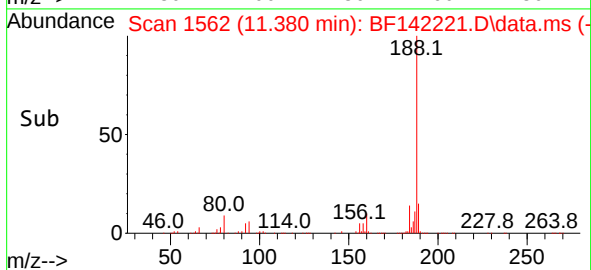
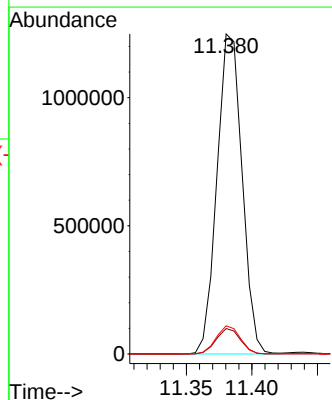
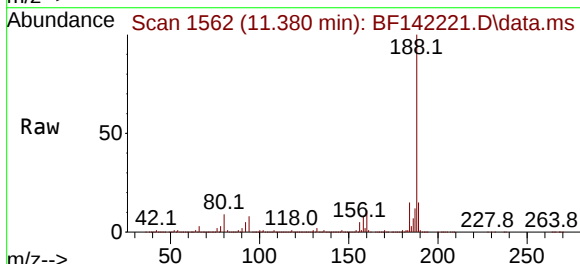
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

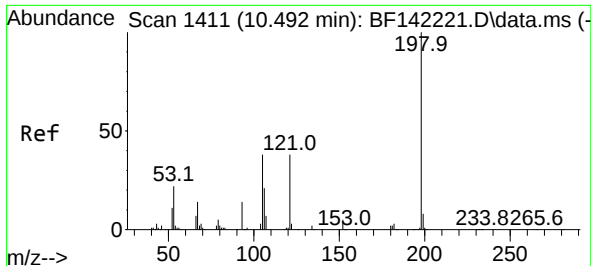
Tgt Ion: 77 Resp: 2058692
Ion Ratio Lower Upper
77 100
182 32.6 12.6 52.6
105 23.1 3.1 43.1
51 27.0 7.0 47.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion: 188 Resp: 1661217
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.8 7.0 10.6





#65

4,6-Dinitro-2-methylphenol

Concen: 41.010 ng

RT: 10.492 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

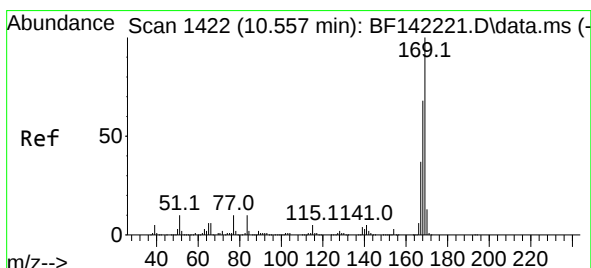
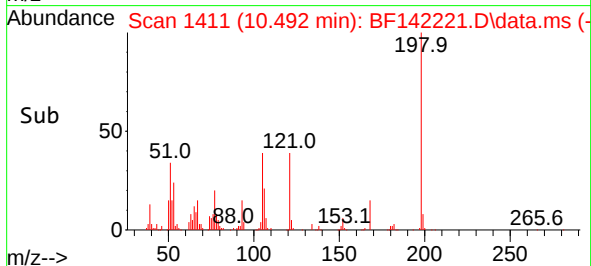
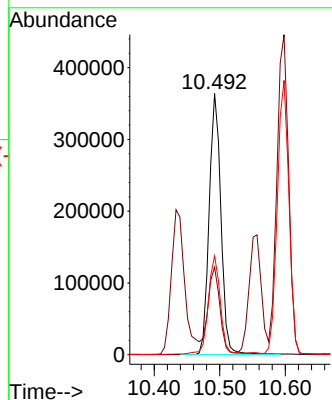
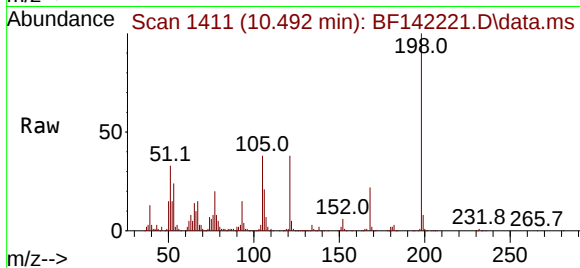
Tgt Ion:198 Resp: 454423

Ion Ratio Lower Upper

198 100

51 33.5 13.5 53.5

105 37.8 17.8 57.8



#66

n-Nitrosodiphenylamine

Concen: 38.877 ng

RT: 10.557 min Scan# 1422

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

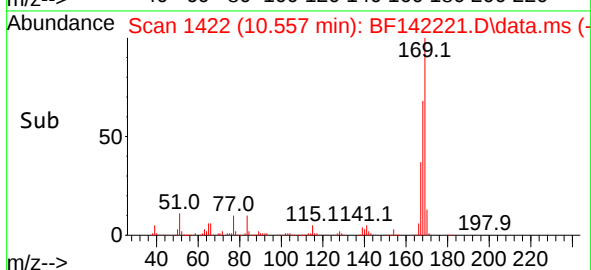
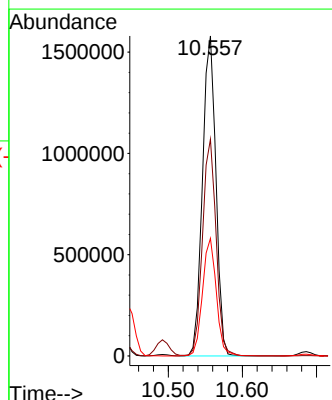
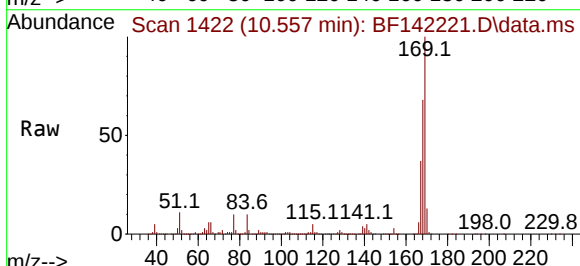
Tgt Ion:169 Resp: 1984314

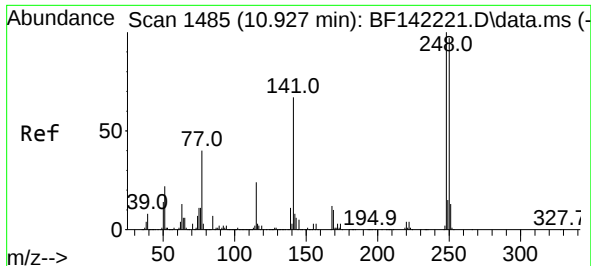
Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

167 36.7 29.4 44.0

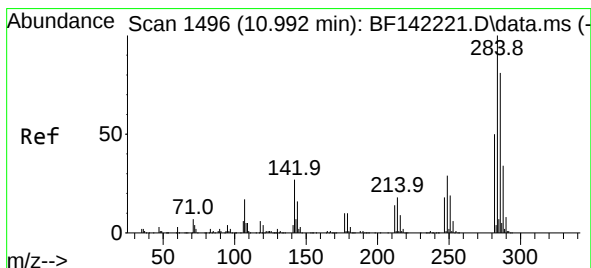
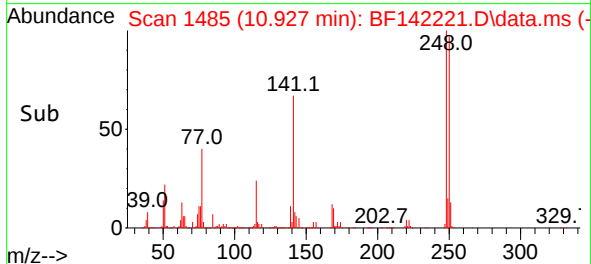
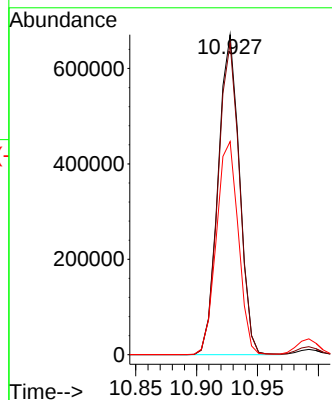
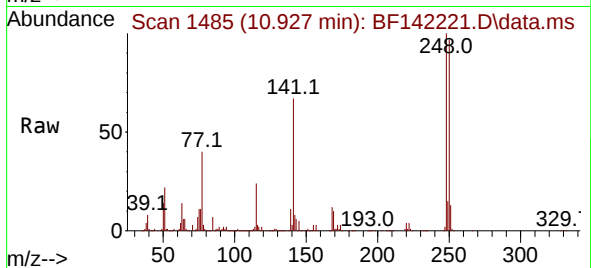




#67
4-Bromophenyl-phenylether
Concen: 39.263 ng
RT: 10.927 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

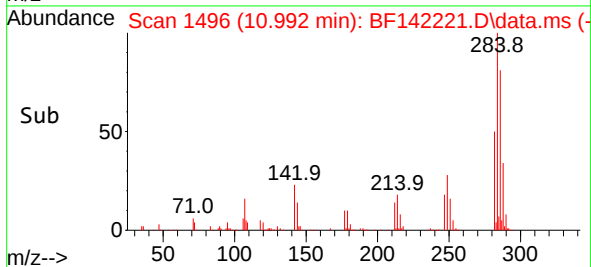
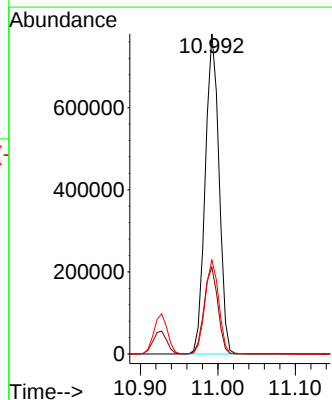
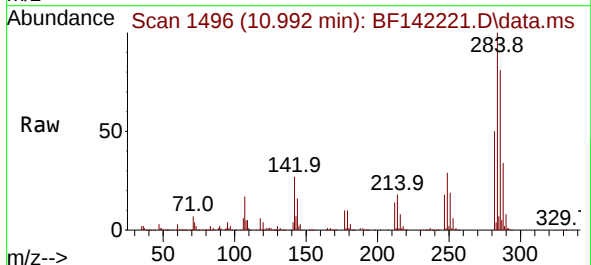
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

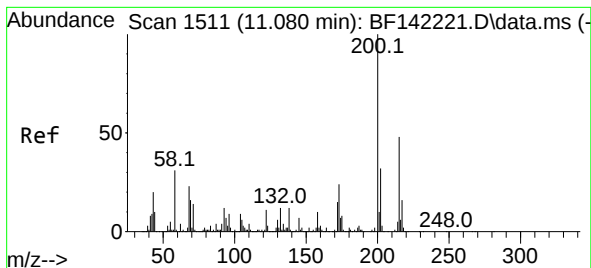
Tgt Ion:248 Resp: 818659
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 66.6 53.3 79.9



#68
Hexachlorobenzene
Concen: 38.919 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:284 Resp: 963393
Ion Ratio Lower Upper
284 100
142 27.1 21.7 32.5
249 29.3 23.4 35.2





#69

Atrazine

Concen: 33.812 ng

RT: 11.080 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

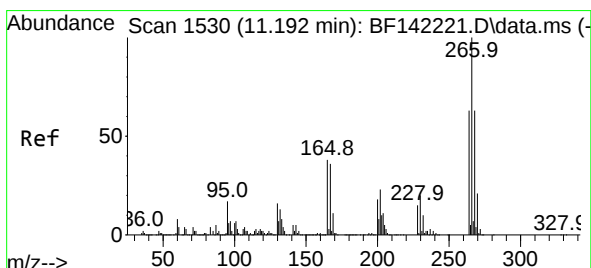
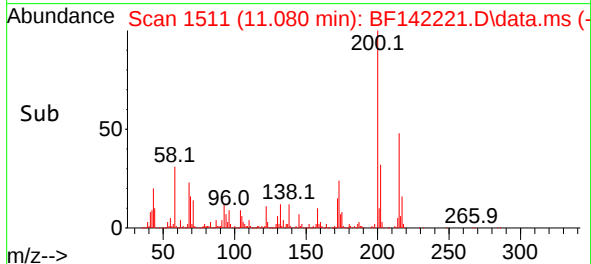
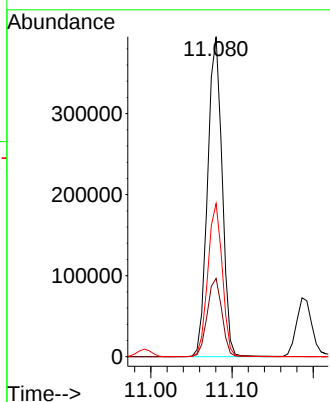
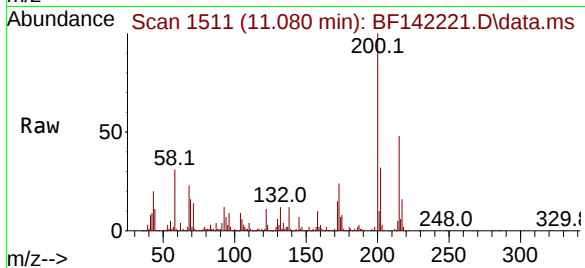
Tgt Ion:200 Resp: 489530

Ion Ratio Lower Upper

200 100

173 24.4 4.4 44.4

215 47.8 27.8 67.8



#70

Pentachlorophenol

Concen: 41.455 ng

RT: 11.192 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

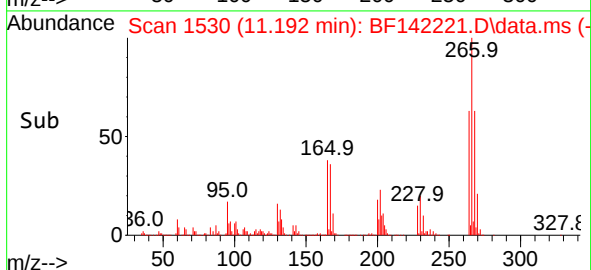
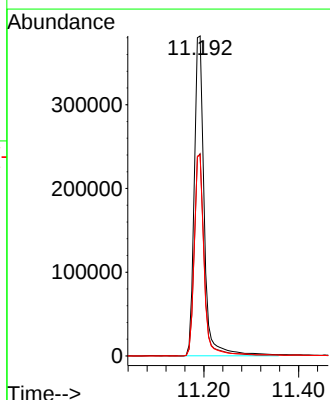
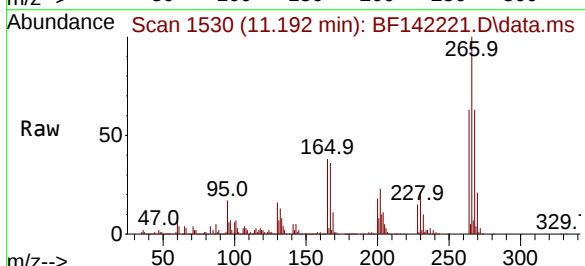
Tgt Ion:266 Resp: 559515

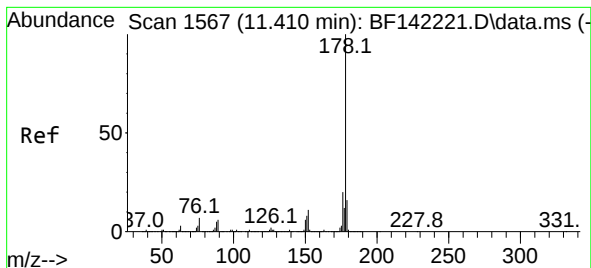
Ion Ratio Lower Upper

266 100

268 63.2 50.6 75.8

264 62.7 50.2 75.2





#71

Phenanthrene

Concen: 38.841 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

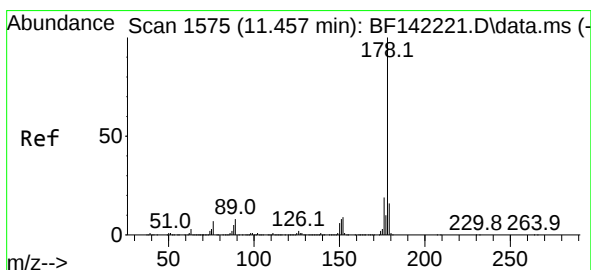
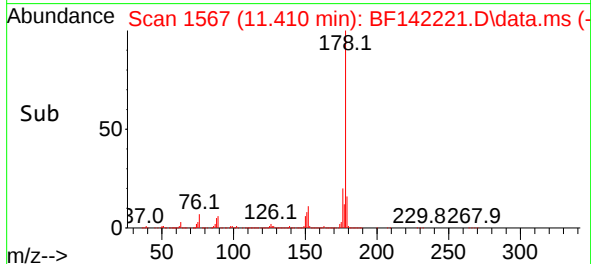
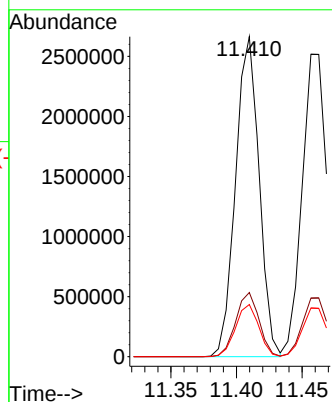
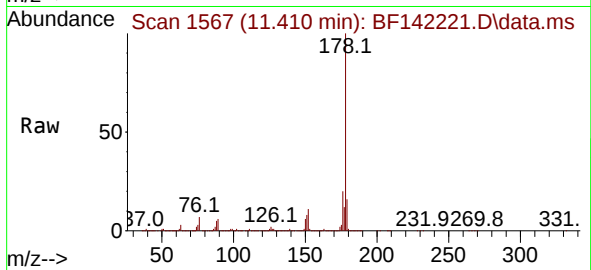
Tgt Ion:178 Resp: 3333832

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.3 13.0 19.6



#72

Anthracene

Concen: 38.987 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

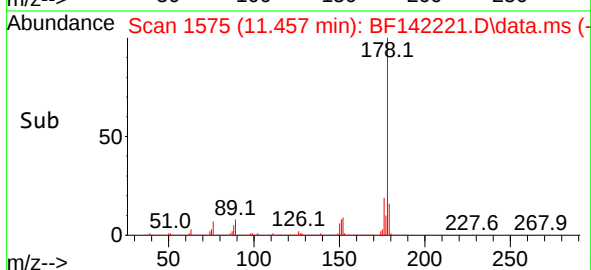
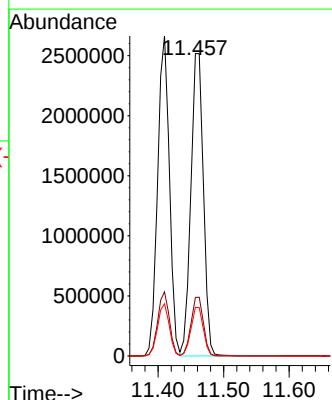
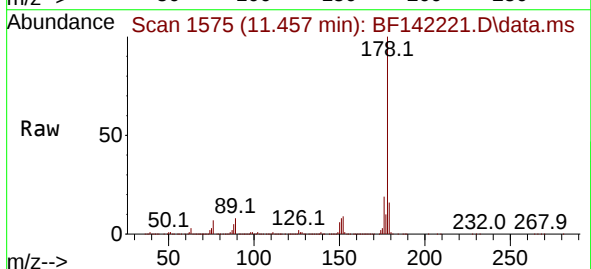
Tgt Ion:178 Resp: 3346551

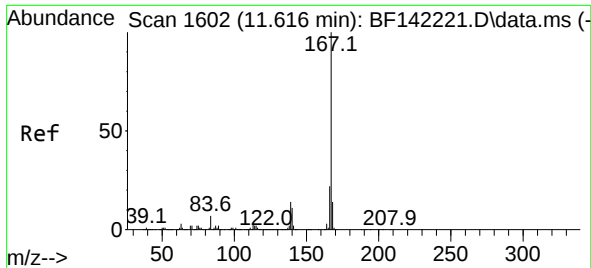
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 16.1 12.9 19.3

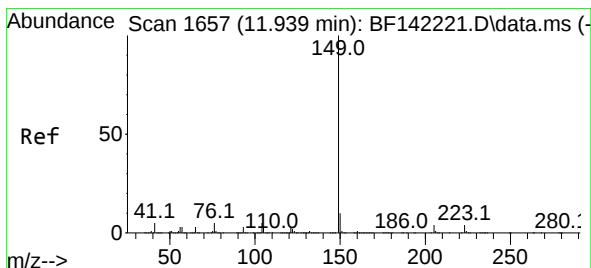
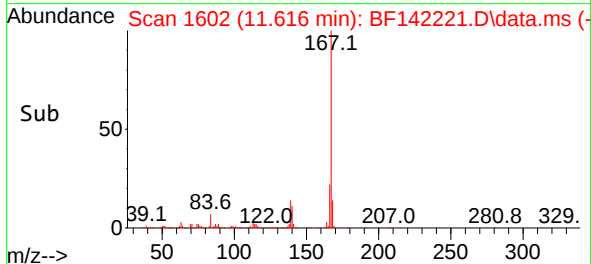
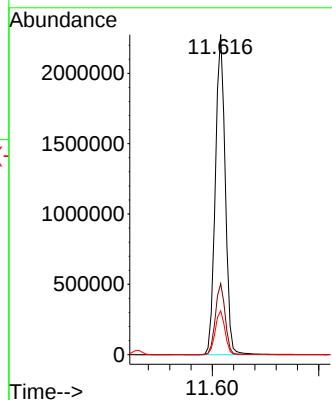
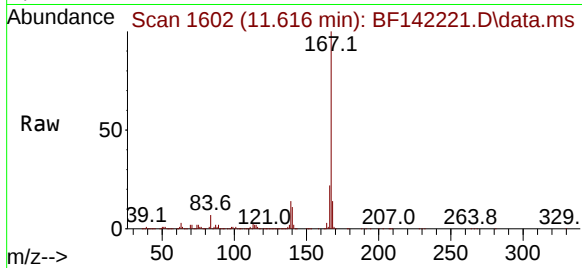




#73
 Carbazole
 Concen: 39.301 ng
 RT: 11.616 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

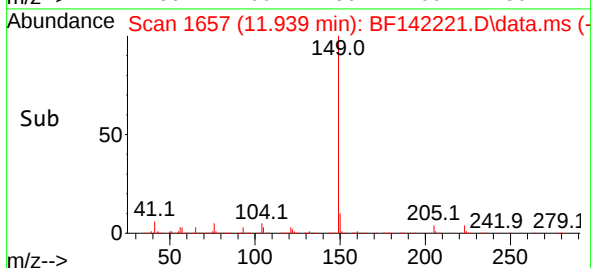
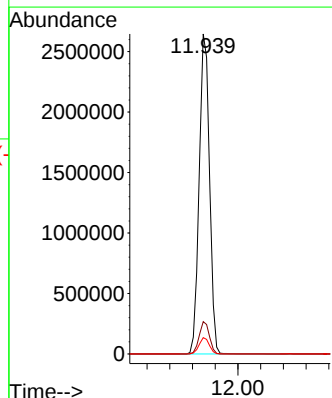
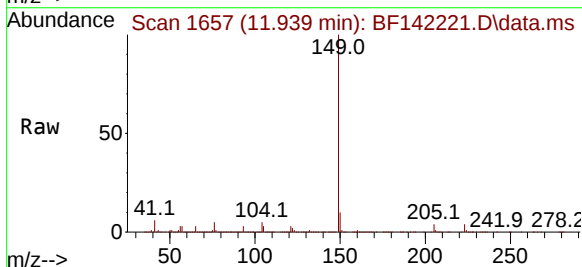
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

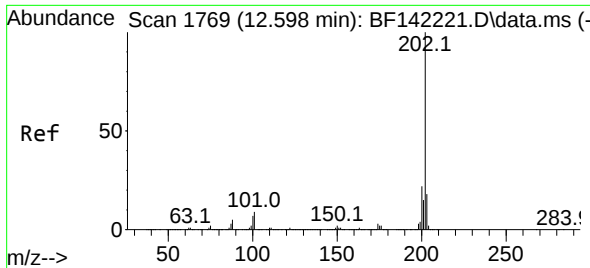
Tgt Ion:167 Resp: 2929273
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 39.628 ng
 RT: 11.939 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

Tgt Ion:149 Resp: 3356278
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.1 12.1
 104 5.1 4.1 6.1

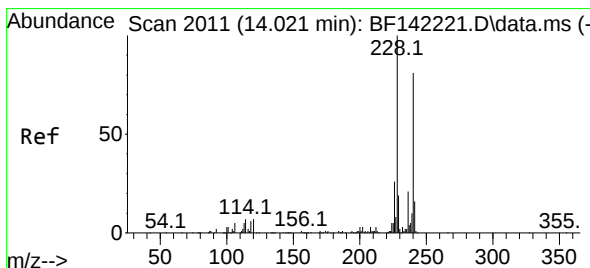
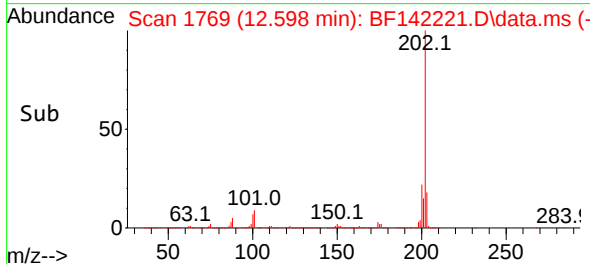
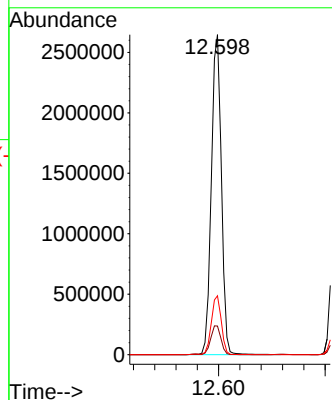
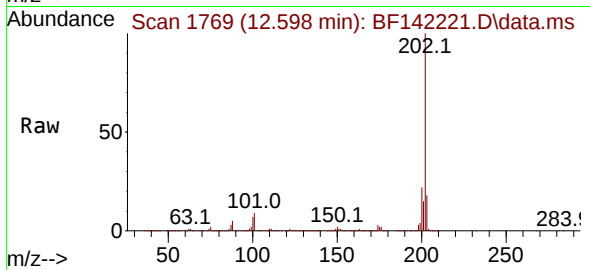




#75
Fluoranthene
Concen: 38.721 ng
RT: 12.598 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

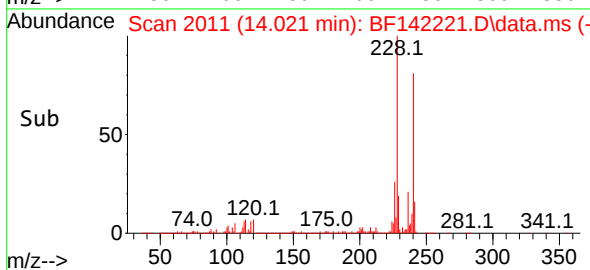
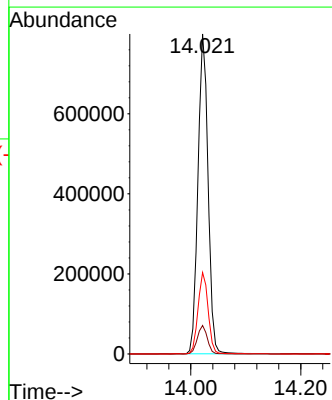
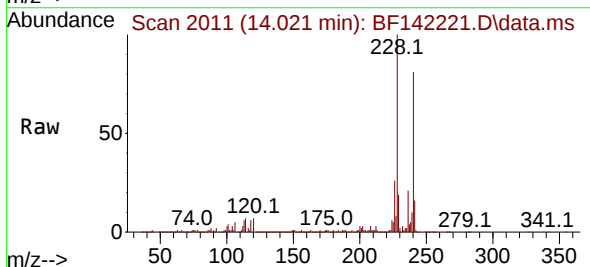
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

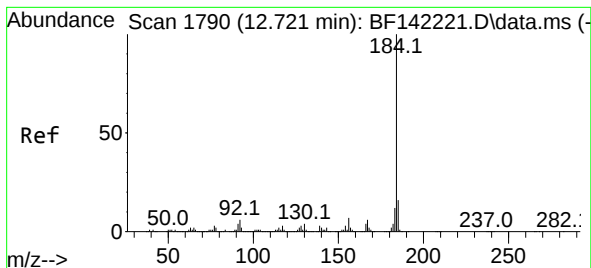
Tgt Ion:202 Resp: 3463171
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.0
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:240 Resp: 1018842
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 25.5 20.4 30.6





#77

Benzidine

Concen: 44.483 ng

RT: 12.721 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

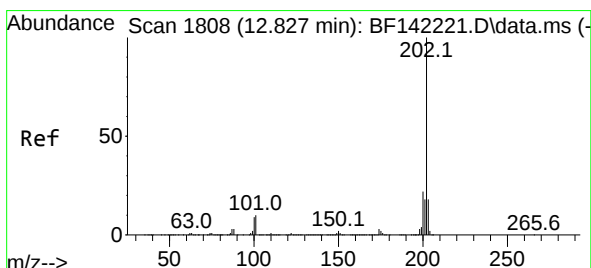
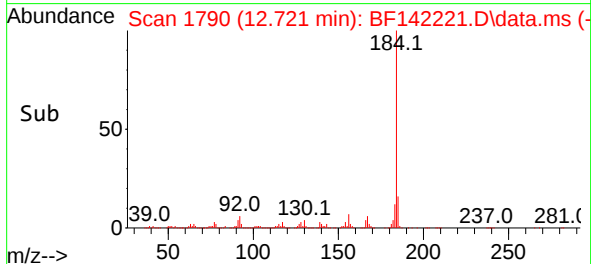
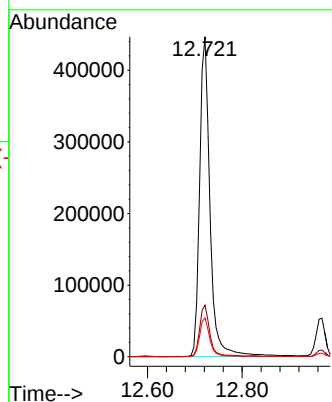
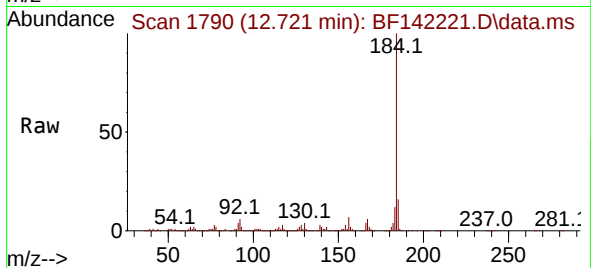
Tgt Ion:184 Resp: 676539

Ion Ratio Lower Upper

184 100

185 16.2 13.0 19.4

183 12.2 9.8 14.6



#78

Pyrene

Concen: 40.111 ng

RT: 12.827 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

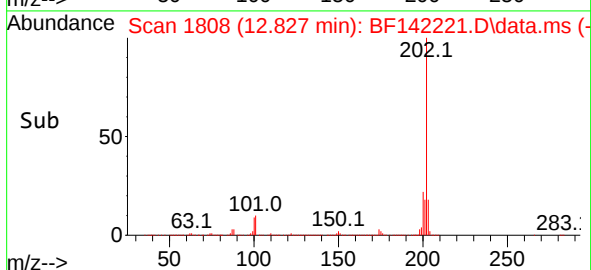
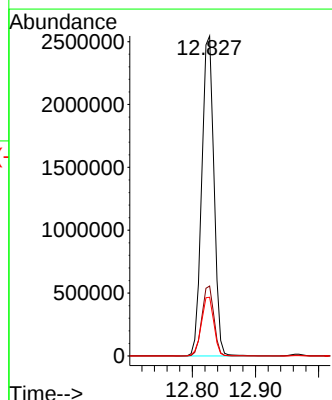
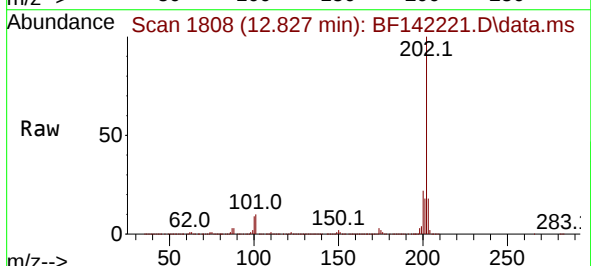
Tgt Ion:202 Resp: 3411685

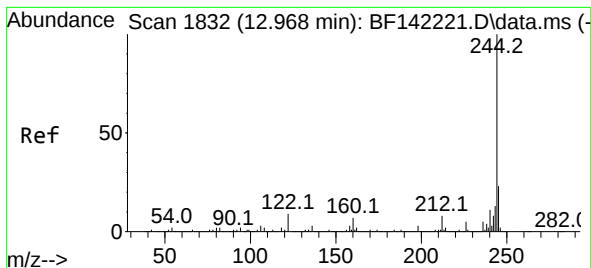
Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

203 18.4 14.7 22.1





#79

Terphenyl-d14

Concen: 78.871 ng

RT: 12.968 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

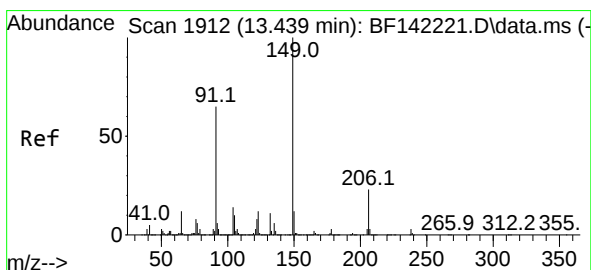
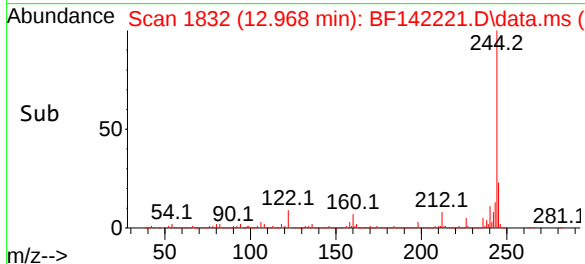
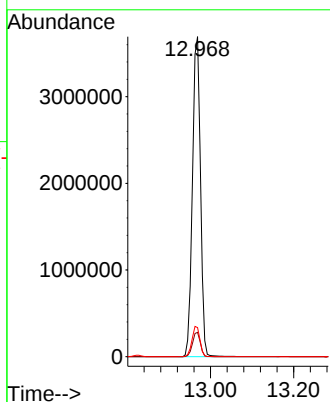
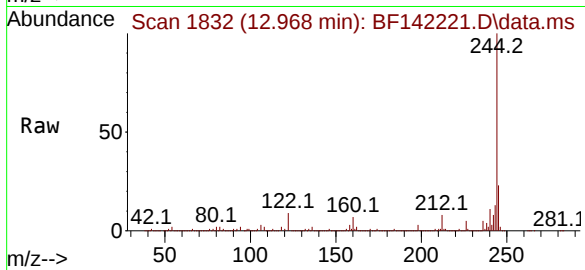
Tgt Ion:244 Resp: 4944220

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 9.1 7.3 10.9



#80

Butylbenzylphthalate

Concen: 40.432 ng

RT: 13.439 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

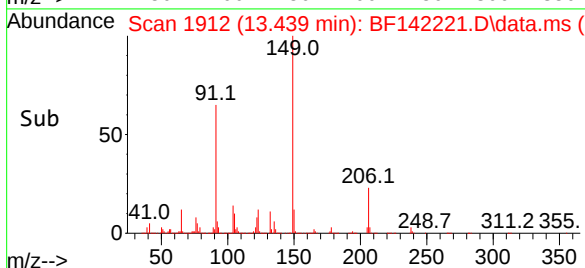
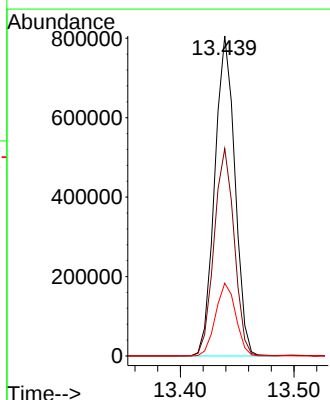
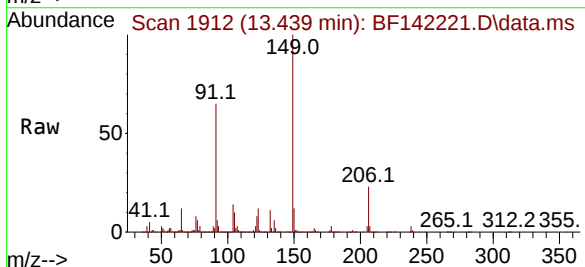
Tgt Ion:149 Resp: 995688

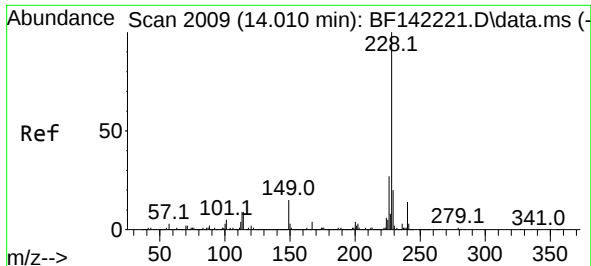
Ion Ratio Lower Upper

149 100

91 64.8 51.8 77.8

206 22.8 18.2 27.4

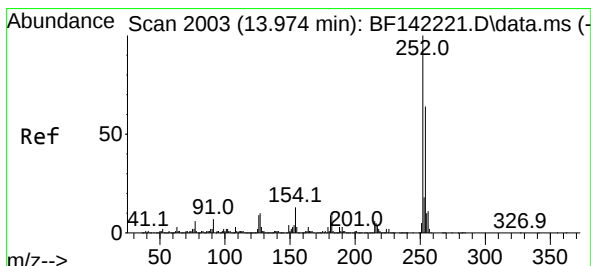
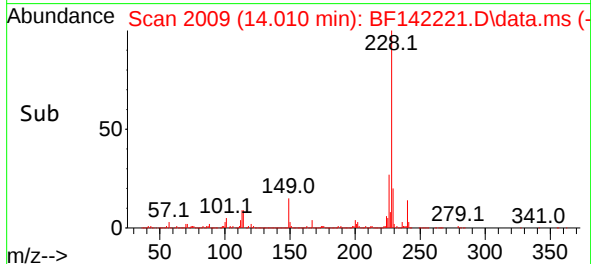
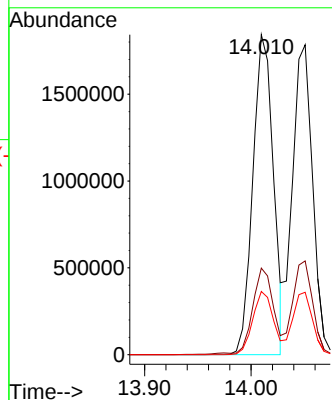
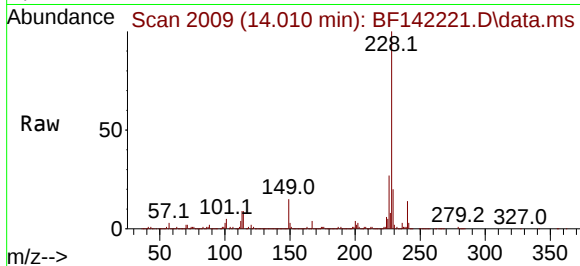




#81
Benzo(a)anthracene
Concen: 38.144 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

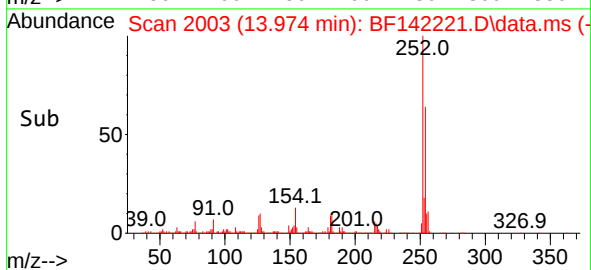
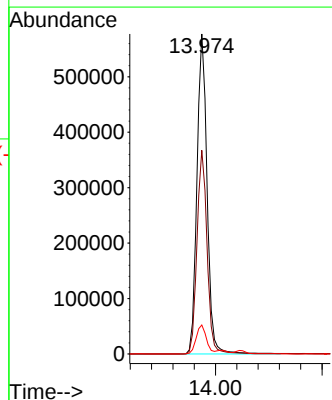
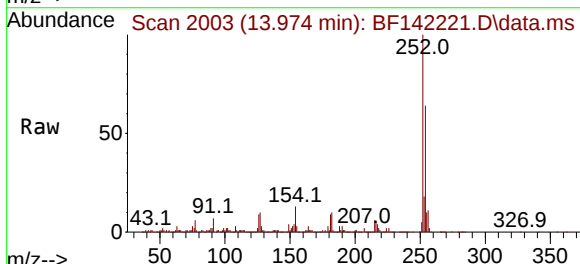
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

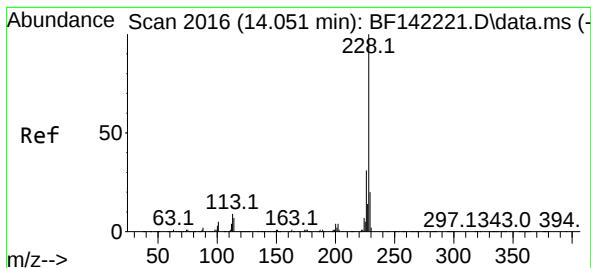
Tgt Ion:228 Resp: 2459630
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.875 ng
RT: 13.974 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF142221.D
Acq: 23 Apr 2025 12:47

Tgt Ion:252 Resp: 763937
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 9.0 7.2 10.8





#83

Chrysene

Concen: 39.774 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

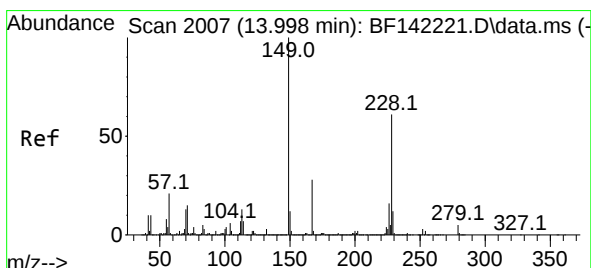
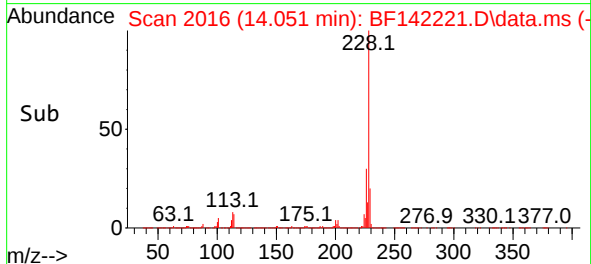
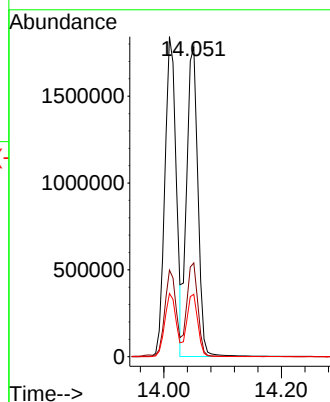
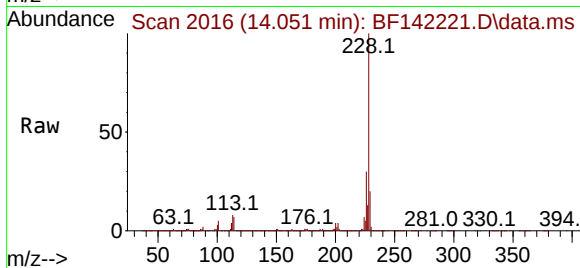
Tgt Ion:228 Resp: 2367854

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

229 20.1 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.370 ng

RT: 13.998 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

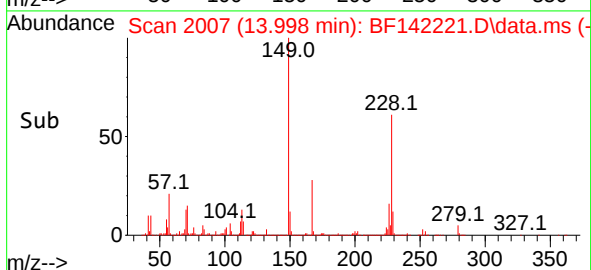
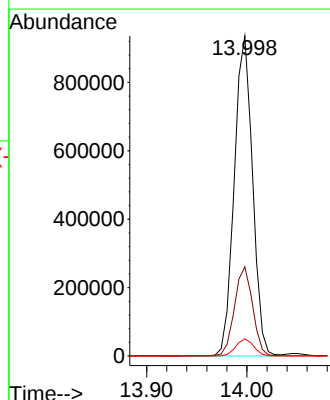
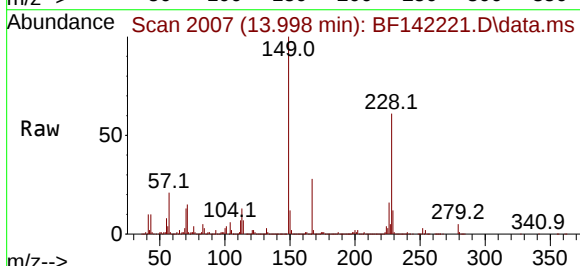
Tgt Ion:149 Resp: 1186990

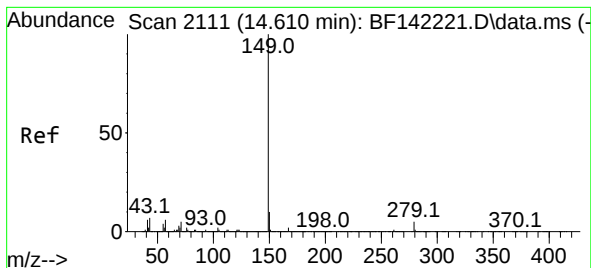
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 39.564 ng

RT: 14.610 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

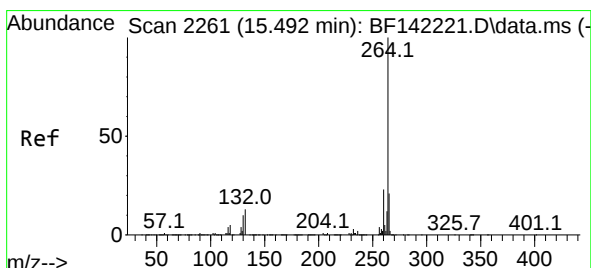
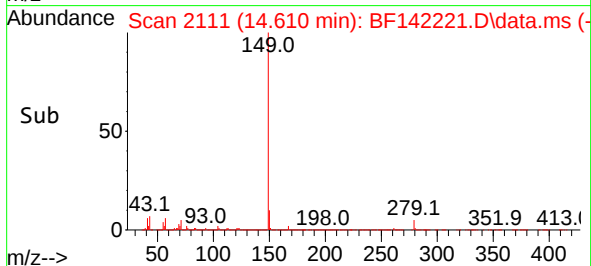
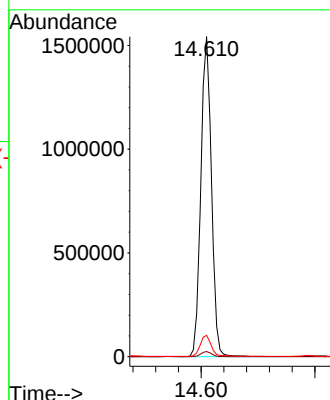
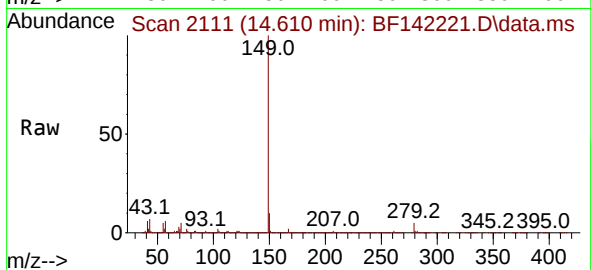
Tgt Ion:149 Resp: 1996535

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.0 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

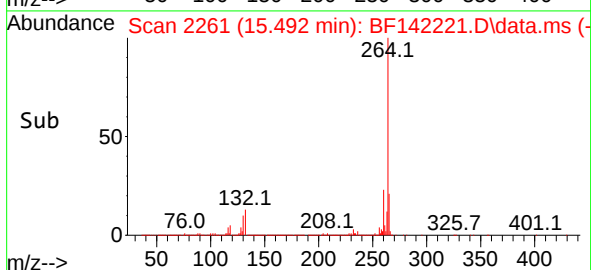
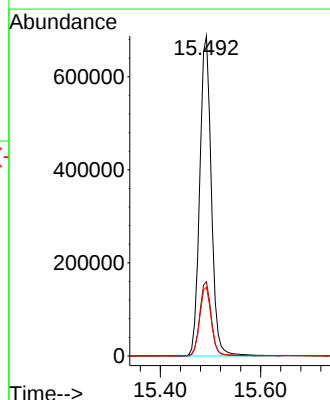
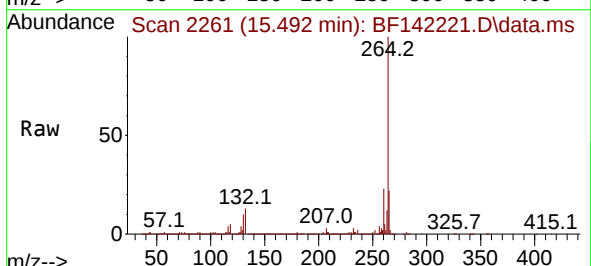
Tgt Ion:264 Resp: 1099732

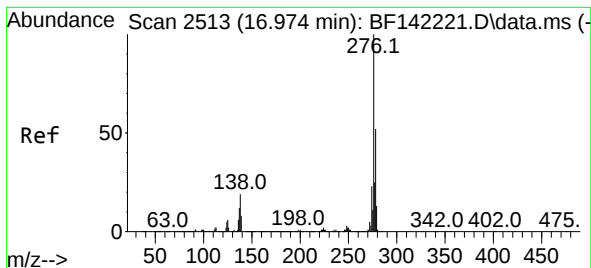
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.613 ng

RT: 16.974 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

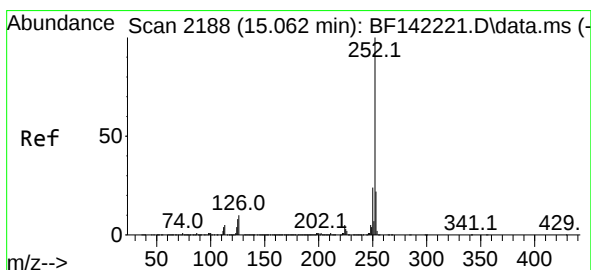
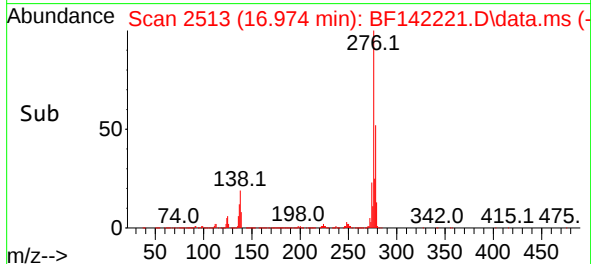
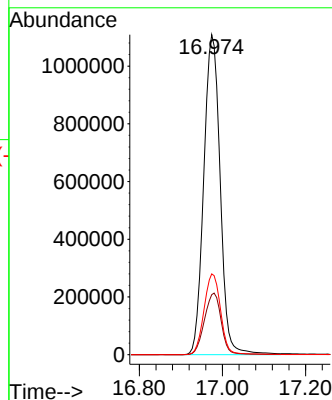
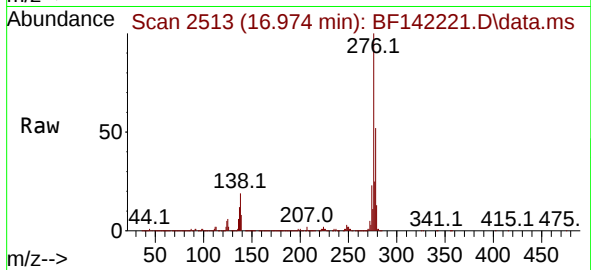
Tgt Ion:276 Resp: 3041827

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.8

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 38.393 ng

RT: 15.062 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

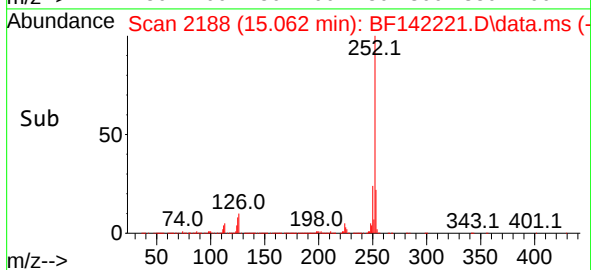
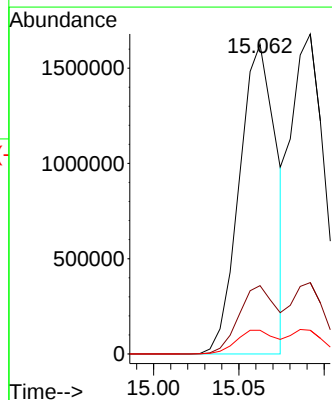
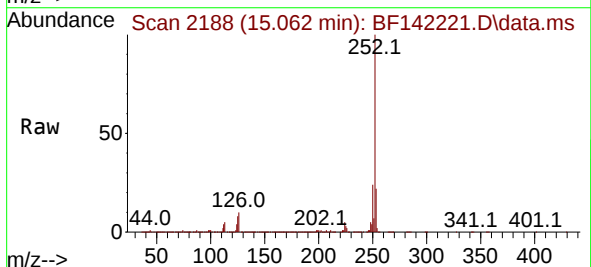
Tgt Ion:252 Resp: 2443818

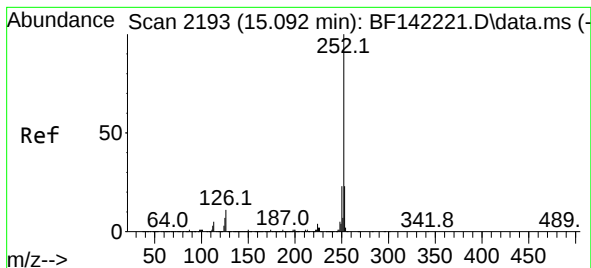
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.6 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 39.574 ng

RT: 15.092 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

Instrument :

BNF_F

ClientSampleId :

SSTDICCC040

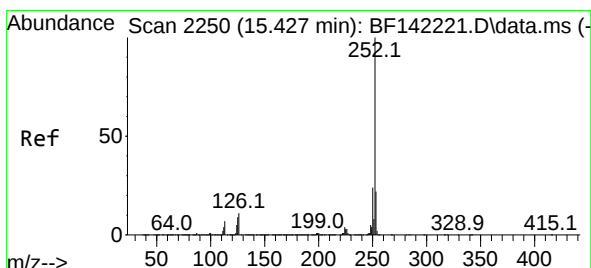
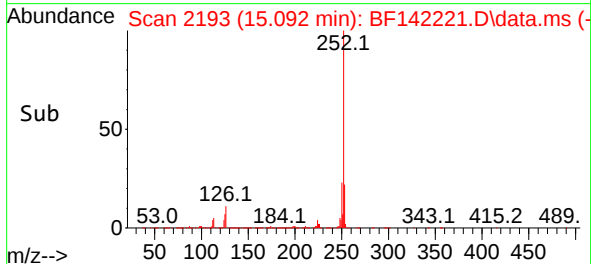
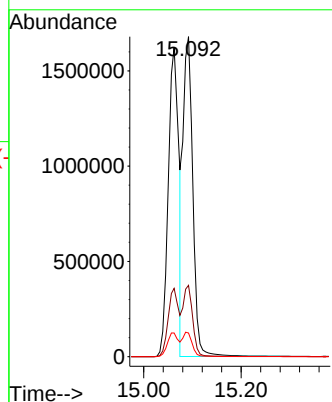
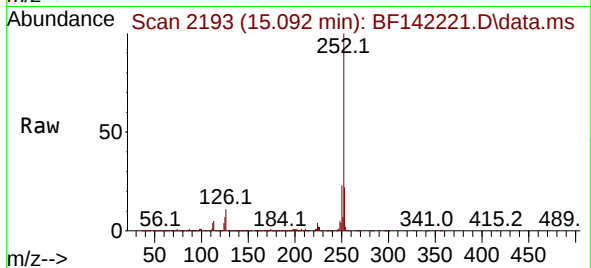
Tgt Ion:252 Resp: 2339482

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 39.346 ng

RT: 15.427 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF142221.D

Acq: 23 Apr 2025 12:47

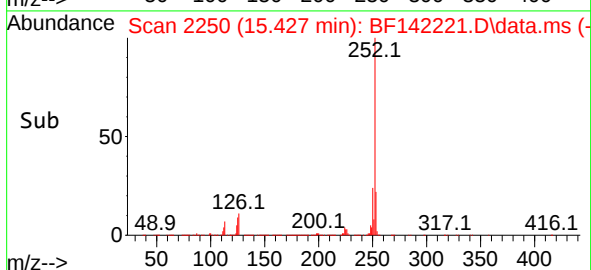
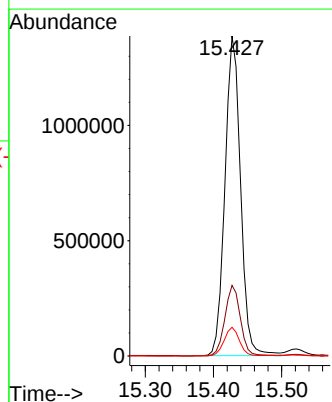
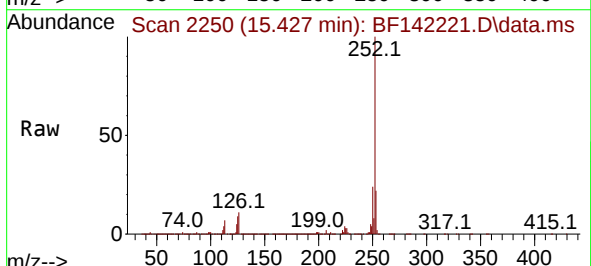
Tgt Ion:252 Resp: 2210229

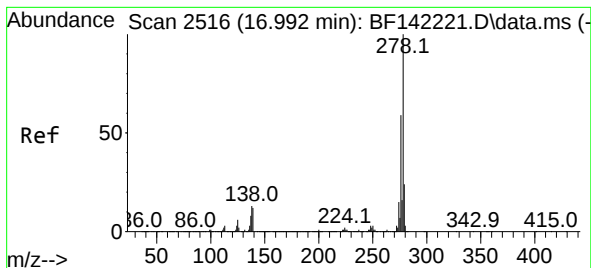
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.0 7.2 10.8

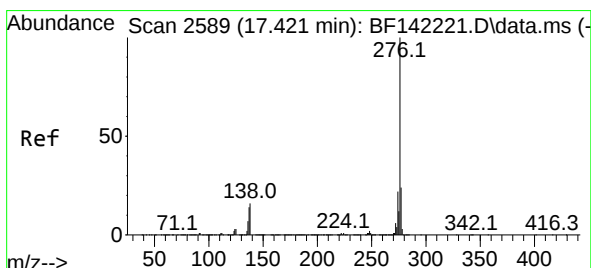
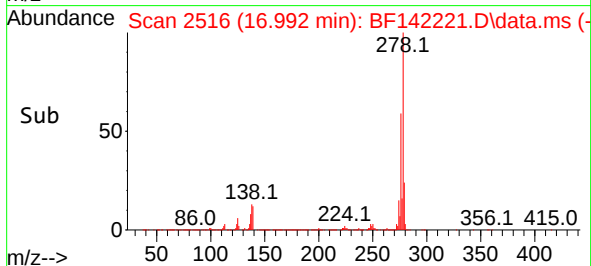
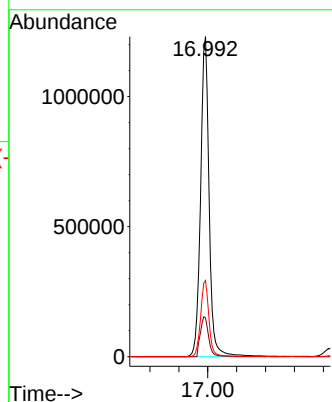
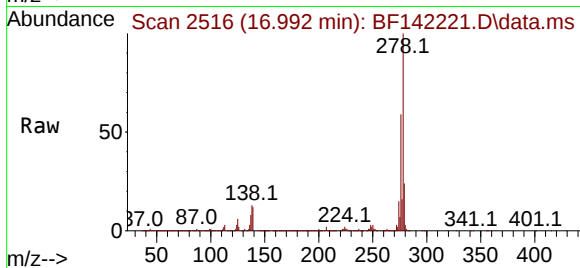




#91
 Dibenzo(a,h)anthracene
 Concen: 39.129 ng
 RT: 16.992 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Tgt Ion:278 Resp: 2524348
 Ion Ratio Lower Upper
 278 100
 139 12.1 9.7 14.5
 279 23.8 19.0 28.6



#92
 Benzo(g,h,i)perylene
 Concen: 38.946 ng
 RT: 17.421 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BF142221.D
 Acq: 23 Apr 2025 12:47

Tgt Ion:276 Resp: 2607241
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.6
 138 16.2 13.0 19.4

