

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142222.D
 Acq On : 23 Apr 2025 13:15
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 23 14:38:46 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	453162	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1640529	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	919889	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	1614771	20.000	ng	0.00
76) Chrysene-d12	14.021	240	950128	20.000	ng	0.00
86) Perylene-d12	15.492	264	1138279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2533971	95.297	ng	0.00
7) Phenol-d6	6.492	99	3123687	95.850	ng	0.00
23) Nitrobenzene-d5	7.428	82	2726890	99.035	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1336461	103.646	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	5276818	92.306	ng	0.00
79) Terphenyl-d14	12.969	244	5491903	93.944	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	519957	48.657	ng	100
3) Pyridine	3.375	79	1254382	49.054	ng	99
4) n-Nitrosodimethylamine	3.328	42	517953	50.282	ng	98
6) Aniline	6.528	93	1341383	45.720	ng	94
8) 2-Chlorophenol	6.651	128	1408869	48.434	ng	97
9) Benzaldehyde	6.416	77	821673	46.377	ng	96
10) Phenol	6.510	94	1647220	48.176	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	1190349	48.144	ng	100
12) 1,3-Dichlorobenzene	6.804	146	1533993	47.840	ng	98
13) 1,4-Dichlorobenzene	6.881	146	1565506	48.115	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1449416	47.535	ng	99
15) Benzyl Alcohol	7.004	79	1172410	49.294	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1169195	47.557	ng	94
17) 2-Methylphenol	7.116	107	1099308	49.636	ng	99
18) Hexachloroethane	7.375	117	542947	47.820	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	860495	47.630	ng	98
20) 3+4-Methylphenols	7.269	107	1337381	48.023	ng	94
22) Acetophenone	7.269	105	1831599	48.262	ng	97
24) Nitrobenzene	7.445	77	1347755	49.548	ng	99
25) Isophorone	7.681	82	2227068	49.329	ng	99
26) 2-Nitrophenol	7.757	139	769499	51.514	ng	99
27) 2,4-Dimethylphenol	7.792	122	887959	51.153	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	1426762	48.995	ng	100
29) 2,4-Dichlorophenol	8.004	162	1221453	49.947	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	1369396	49.630	ng	99
31) Naphthalene	8.163	128	3848721	47.731	ng	99
32) Benzoic acid	7.928	122	885478	56.333	ng	97
33) 4-Chloroaniline	8.216	127	1377622	48.515	ng	99
34) Hexachlorobutadiene	8.281	225	897844	49.364	ng	99
35) Caprolactam	8.586	113	358306	49.888	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	1276909	50.228	ng	98
37) 2-Methylnaphthalene	8.857	142	2638318	48.760	ng	99
38) 1-Methylnaphthalene	8.957	142	2576150	48.868	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	1447316	49.345	ng	99
41) Hexachlorocyclopentadiene	9.004	237	445606	49.053	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	930794	52.456	ng	97

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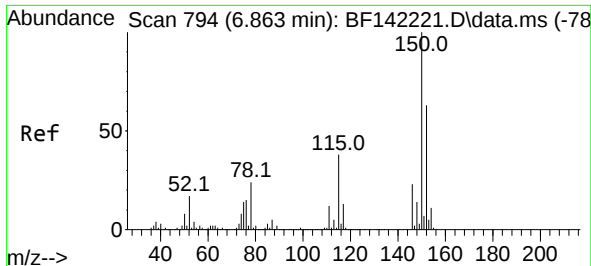
Quant Time: Apr 23 14:38:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	969475	50.953	ng	99
46) 1,1'-Biphenyl	9.322	154	3263135	48.173	ng	99
47) 2-Chloronaphthalene	9.345	162	2538921	48.881	ng	99
48) 2-Nitroaniline	9.439	65	680570	50.626	ng	99
49) Acenaphthylene	9.763	152	3632949	48.222	ng	99
50) Dimethylphthalate	9.622	163	3002721	48.607	ng	100
51) 2,6-Dinitrotoluene	9.680	165	691939	50.301	ng	97
52) Acenaphthene	9.933	154	2678433	49.741	ng	100
53) 3-Nitroaniline	9.851	138	665504	49.430	ng	100
54) 2,4-Dinitrophenol	9.957	184	414002	55.563	ng	99
55) Dibenzofuran	10.104	168	3636164	47.900	ng	98
56) 4-Nitrophenol	10.016	139	525291	53.558	ng	99
57) 2,4-Dinitrotoluene	10.086	165	930531	50.485	ng	99
58) Fluorene	10.445	166	2890213	48.560	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	875255	50.701	ng	99
60) Diethylphthalate	10.316	149	2912052	49.291	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	1542786	48.960	ng	99
62) 4-Nitroaniline	10.469	138	678405	50.939	ng	98
63) Azobenzene	10.598	77	2473712	48.275	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	559202	51.917	ng	97
66) n-Nitrosodiphenylamine	10.557	169	2440107	49.182	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	1017098	50.184	ng	99
68) Hexachlorobenzene	10.992	284	1188339	49.387	ng	98
69) Atrazine	11.080	200	630674	44.814	ng	99
70) Pentachlorophenol	11.192	266	699941	53.351	ng	99
71) Phenanthrene	11.410	178	3958435	47.445	ng	99
72) Anthracene	11.463	178	3973975	47.628	ng	98
73) Carbazole	11.616	167	3436934	47.438	ng	100
74) Di-n-butylphthalate	11.939	149	3938908	47.844	ng	99
75) Fluoranthene	12.598	202	3951515	45.452	ng	99
77) Benzidine	12.721	184	757970	53.442	ng	99
78) Pyrene	12.827	202	3833681	48.332	ng	99
80) Butylbenzylphthalate	13.439	149	1149791	50.066	ng	100
81) Benzo(a)anthracene	14.010	228	3038972	50.537	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	986233	53.816	ng	98
83) Chrysene	14.051	228	2643316	47.612	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1450019	52.882	ng	100
85) Di-n-octyl phthalate	14.610	149	2596936	55.183	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	3990923	48.945	ng	99
88) Benzo(b)fluoranthene	15.062	252	3106636	47.153	ng	99
89) Benzo(k)fluoranthene	15.092	252	3109278	50.814	ng	100
90) Benzo(a)pyrene	15.427	252	2856226	49.124	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	3294933	49.343	ng	100
92) Benzo(g,h,i)perylene	17.427	276	3380003	48.779	ng	100

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

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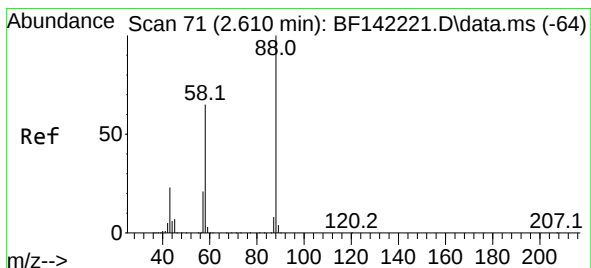
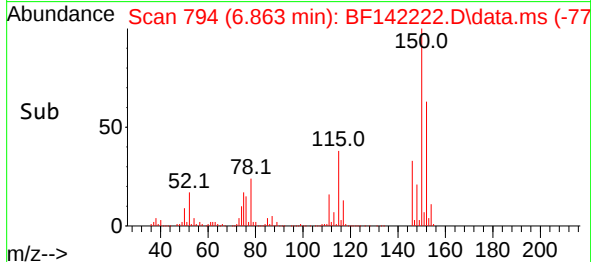
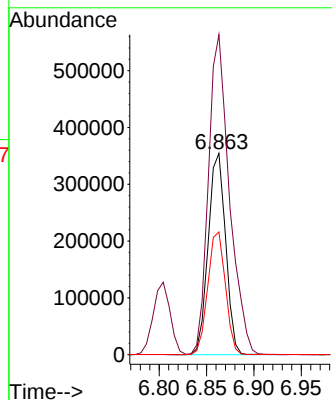
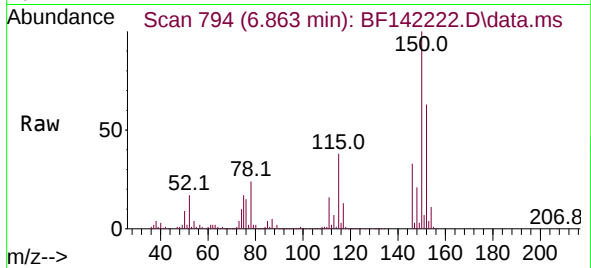




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

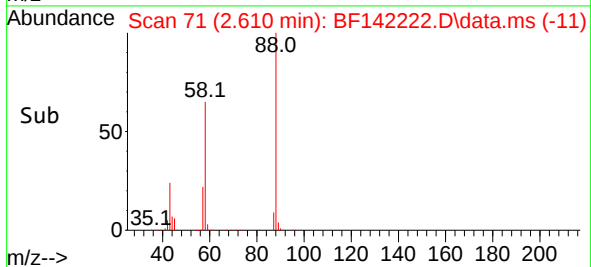
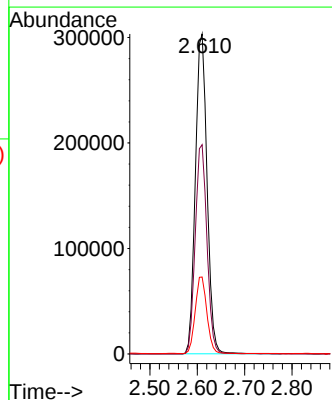
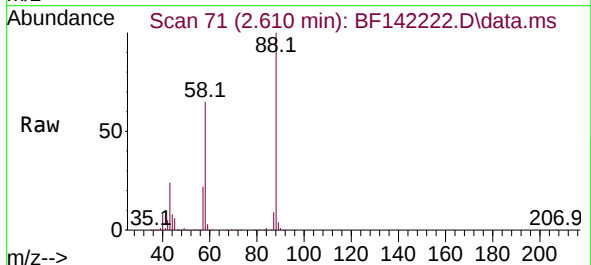
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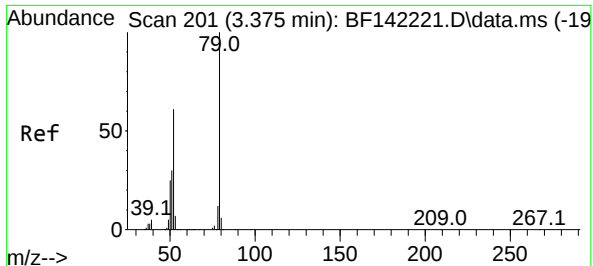
Tgt Ion:152 Resp: 453162
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.8 191.6
 115 60.9 48.5 72.7



#2
 1,4-Dioxane
 Concen: 48.657 ng
 RT: 2.610 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

Tgt Ion: 88 Resp: 519957
 Ion Ratio Lower Upper
 88 100
 58 65.7 52.4 78.6
 43 24.0 19.0 28.6

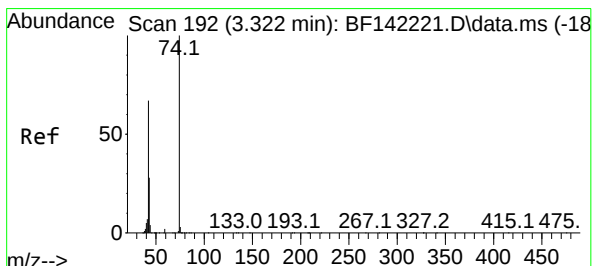
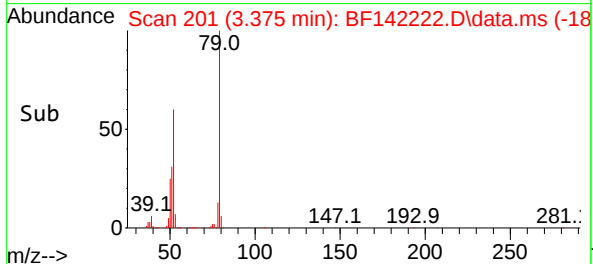
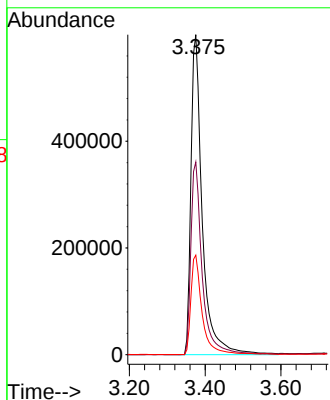
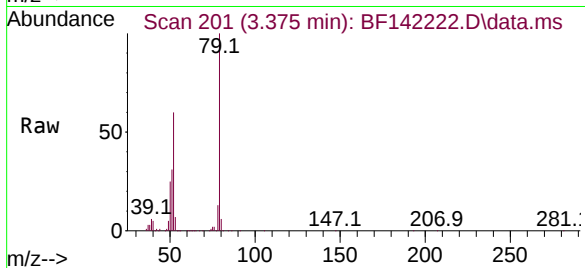




#3
 Pyridine
 Concen: 49.054 ng
 RT: 3.375 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

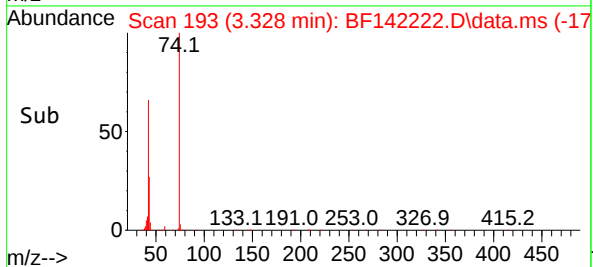
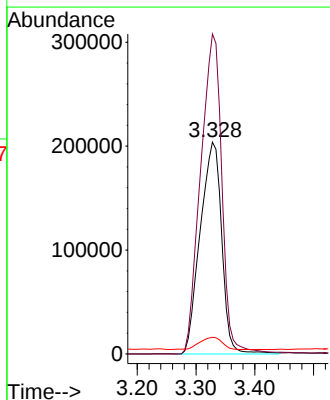
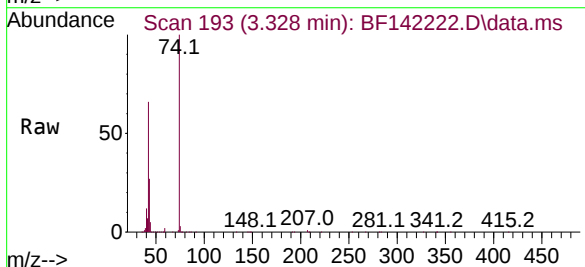
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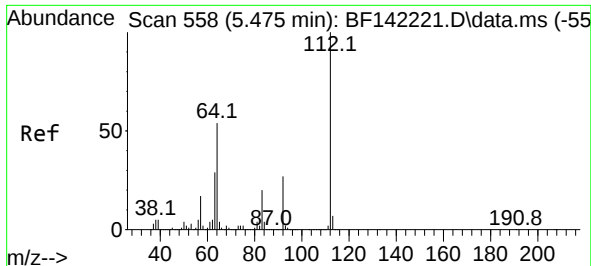
Tgt Ion: 79 Resp: 1254382
 Ion Ratio Lower Upper
 79 100
 52 60.2 48.6 72.8
 51 31.1 24.3 36.5



#4
 n-Nitrosodimethylamine
 Concen: 50.282 ng
 RT: 3.328 min Scan# 193
 Delta R.T. 0.006 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

Tgt Ion: 42 Resp: 517953
 Ion Ratio Lower Upper
 42 100
 74 151.0 119.1 178.7
 44 7.9 7.0 10.4

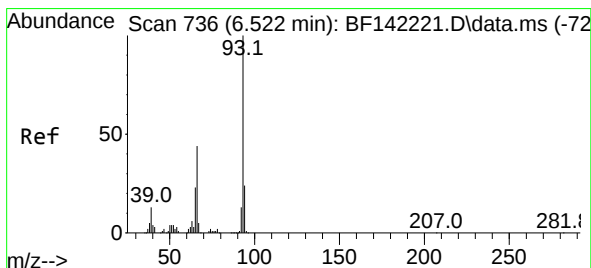
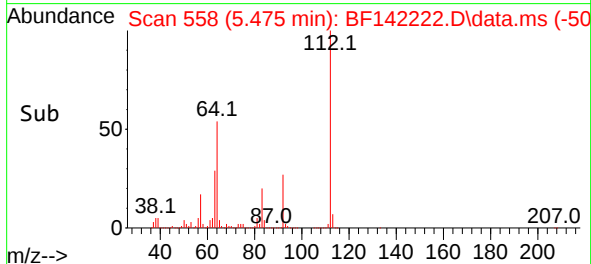
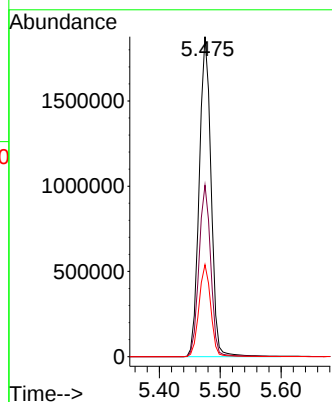
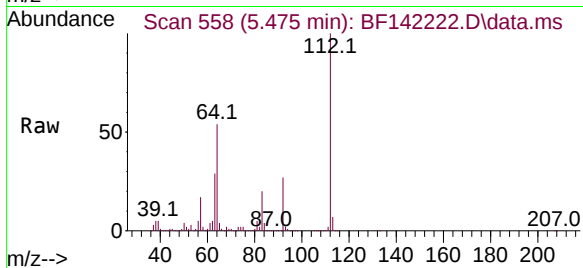




#5
2-Fluorophenol
Concen: 95.297 ng
RT: 5.475 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

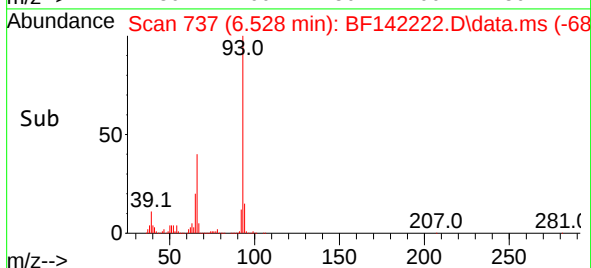
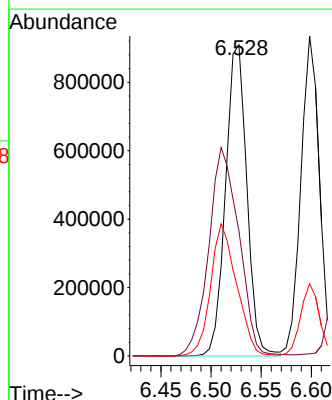
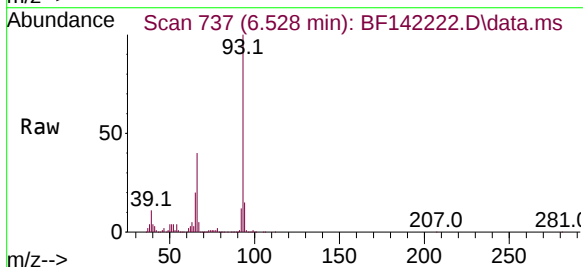
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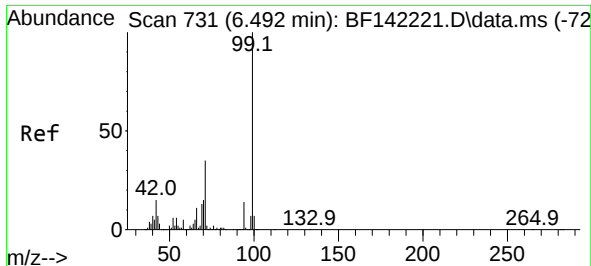
Tgt Ion:112 Resp: 2533971
Ion Ratio Lower Upper
112 100
64 53.6 43.1 64.7
63 28.8 23.1 34.7



#6
Aniline
Concen: 45.720 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion: 93 Resp: 1341383
Ion Ratio Lower Upper
93 100
66 40.2 35.5 53.3
65 20.3 18.5 27.7





#7

Phenol-d6

Concen: 95.850 ng

RT: 6.492 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

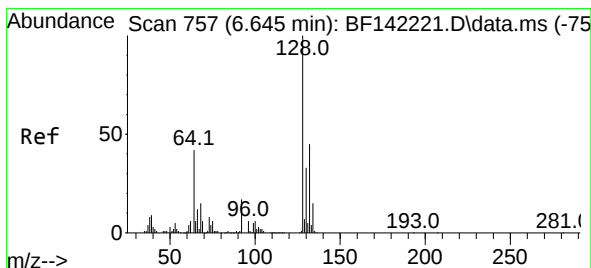
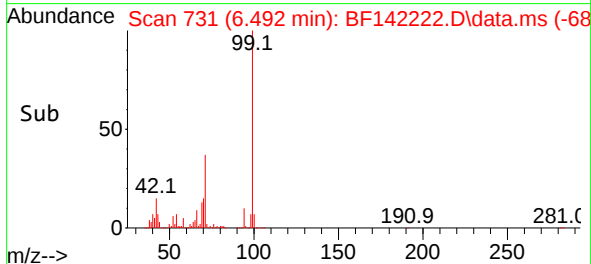
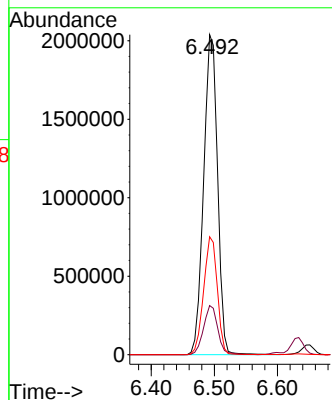
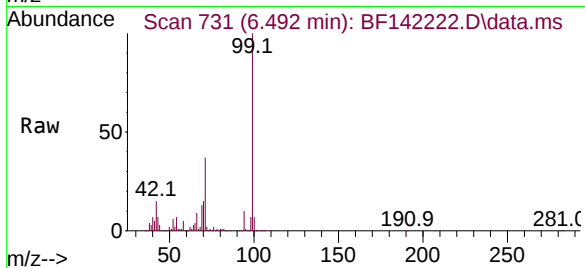
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 3123687

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	36.9	28.3	42.5



#8

2-Chlorophenol

Concen: 48.434 ng

RT: 6.651 min Scan# 758

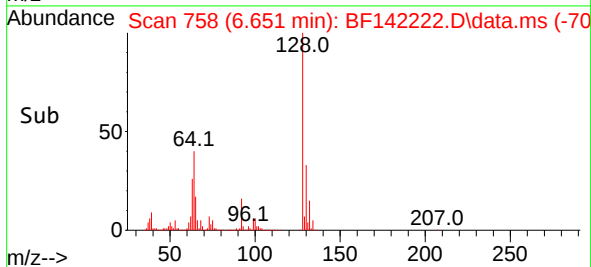
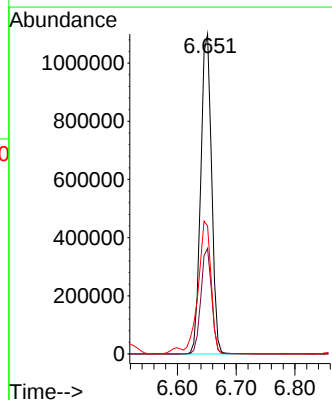
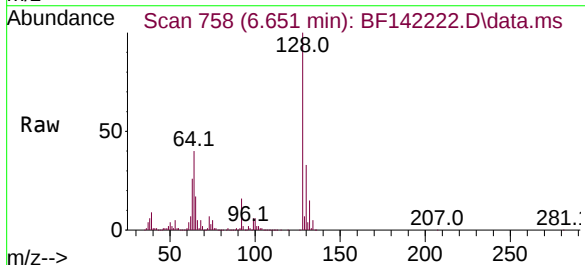
Delta R.T. 0.006 min

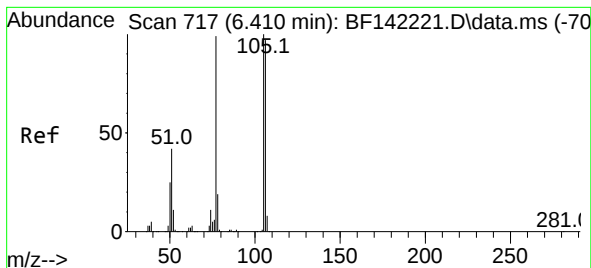
Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Tgt Ion: 128 Resp: 1408869

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.4	53.4
64	40.0	23.4	63.4





#9

Benzaldehyde

Concen: 46.377 ng

RT: 6.416 min Scan# 718

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

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ClientSampleId :

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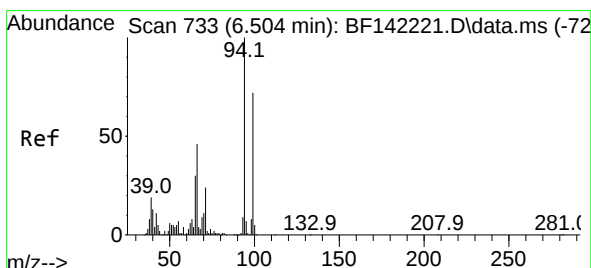
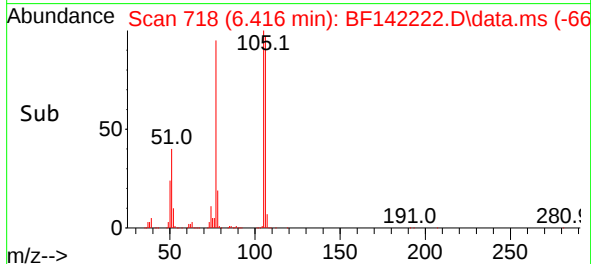
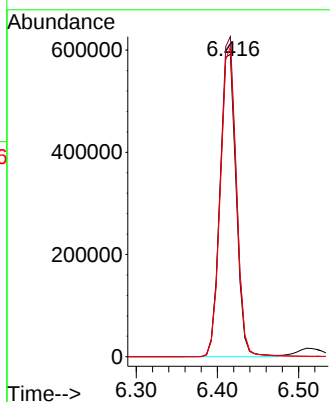
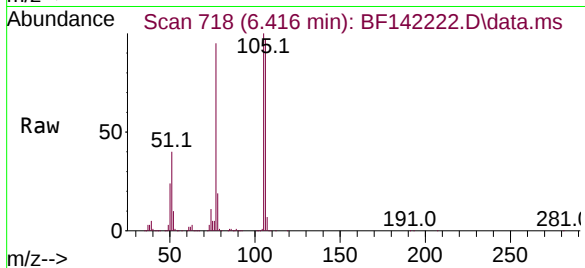
Tgt Ion: 77 Resp: 821673

Ion Ratio Lower Upper

77 100

105 105.8 81.3 121.3

106 102.3 78.4 118.4



#10

Phenol

Concen: 48.176 ng

RT: 6.510 min Scan# 734

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

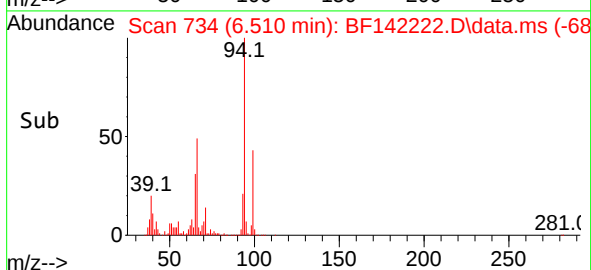
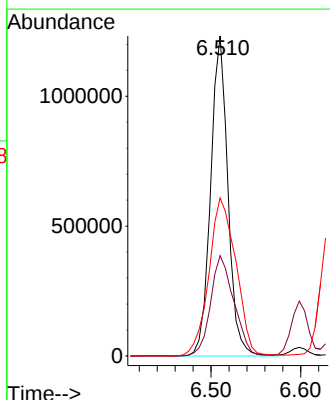
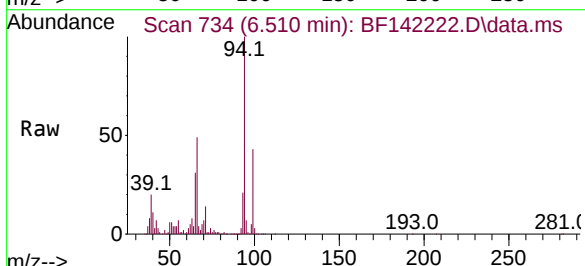
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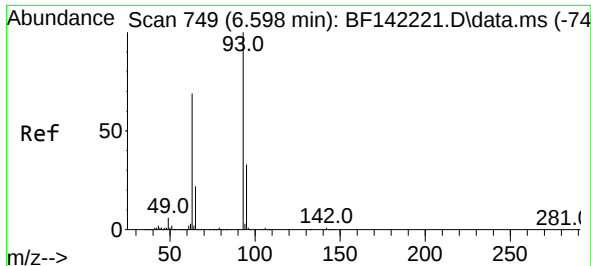
Ion Ratio Lower Upper

94 100

65 31.3 10.2 50.2

66 49.4 25.9 65.9



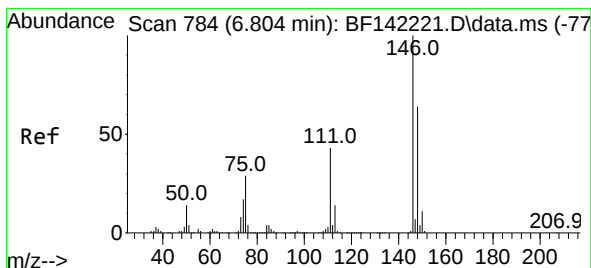
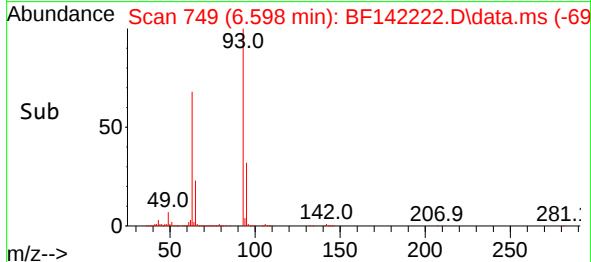
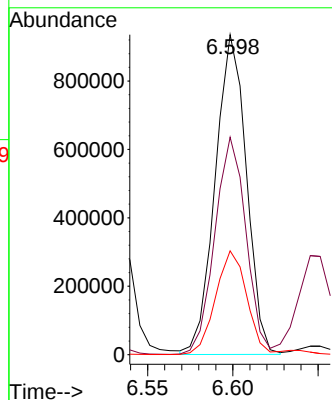
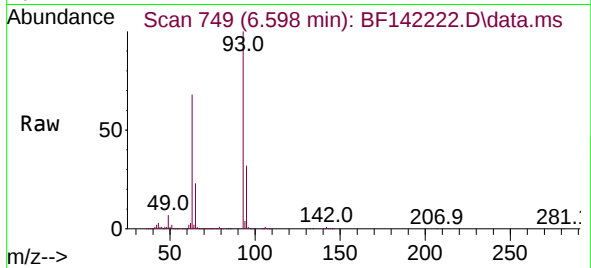


#11
bis(2-Chloroethyl)ether
Concen: 48.144 ng
RT: 6.598 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1190349

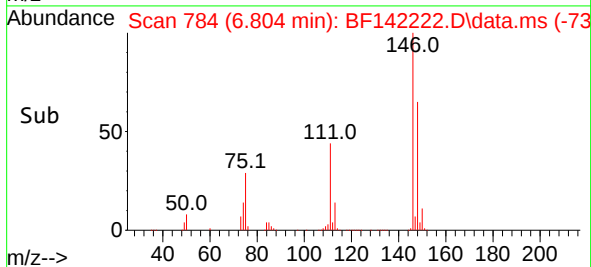
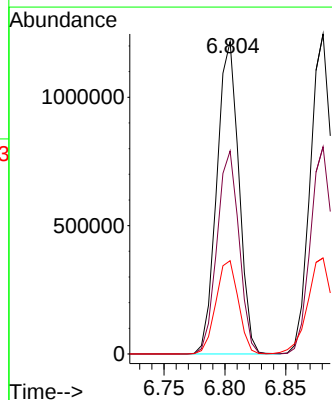
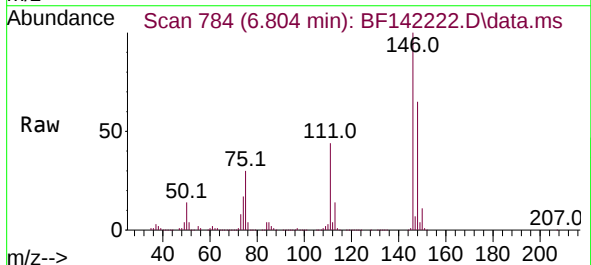
Ion	Ratio	Lower	Upper
93	100		
63	68.0	48.2	88.2
95	32.4	12.5	52.5

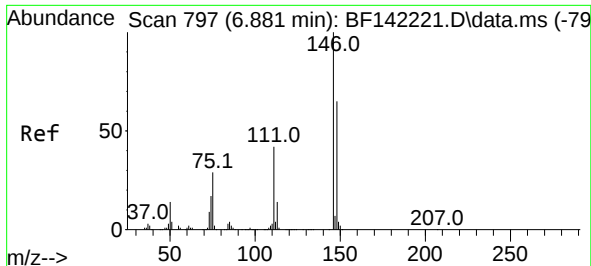


#12
1,3-Dichlorobenzene
Concen: 47.840 ng
RT: 6.804 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:146 Resp: 1533993

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
75	29.9	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 48.115 ng

RT: 6.881 min Scan# 797

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

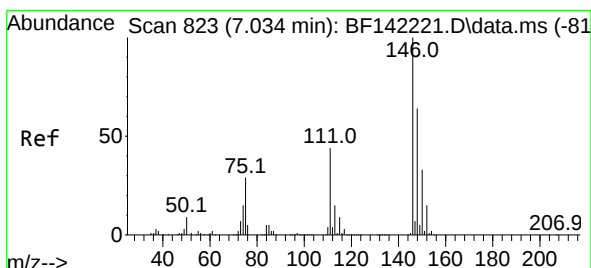
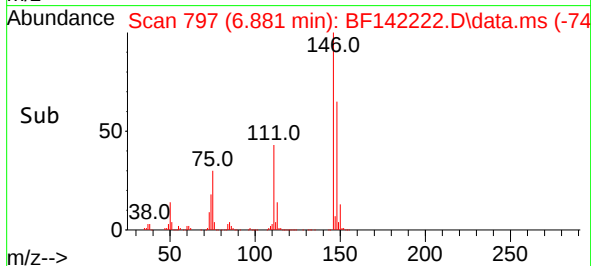
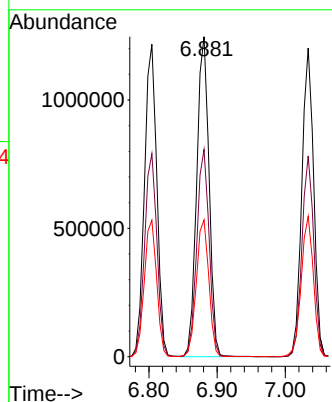
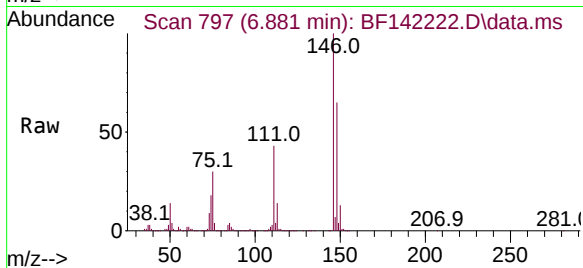
Tgt Ion:146 Resp: 1565506

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

111 42.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.535 ng

RT: 7.034 min Scan# 823

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

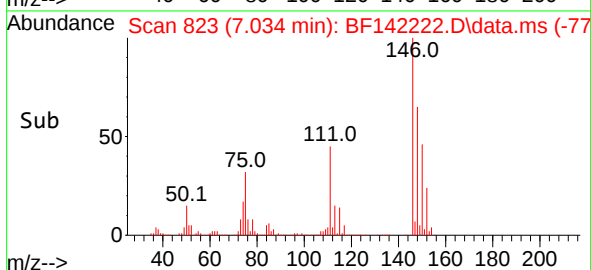
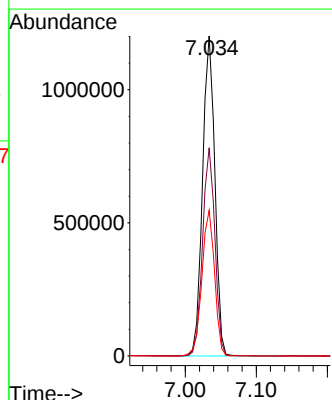
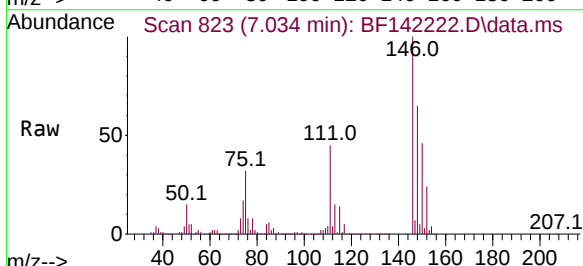
Tgt Ion:146 Resp: 1449416

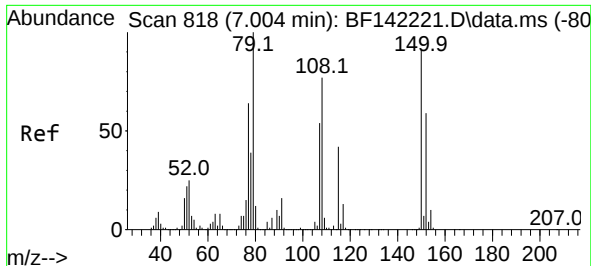
Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

111 45.5 35.4 53.0

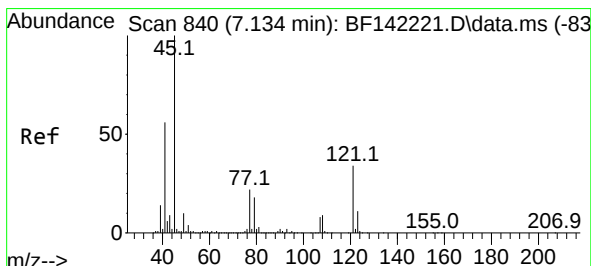
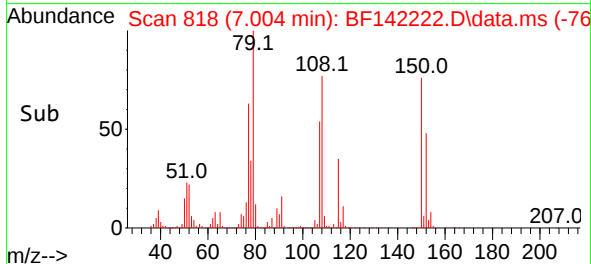
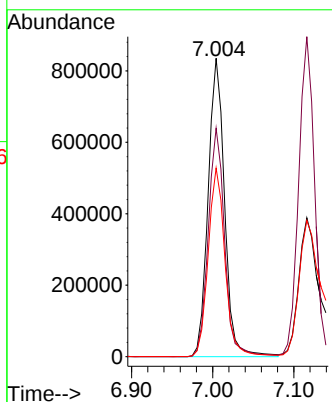
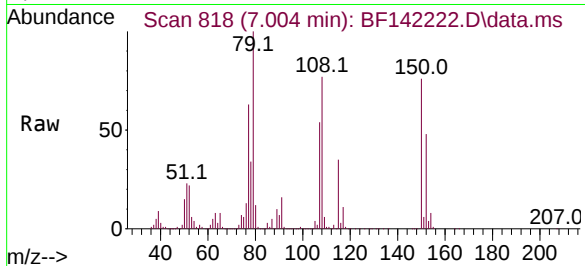




#15
Benzyl Alcohol
Concen: 49.294 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

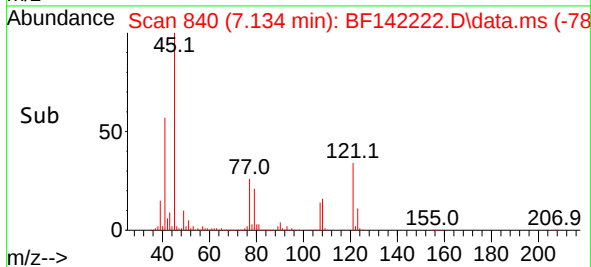
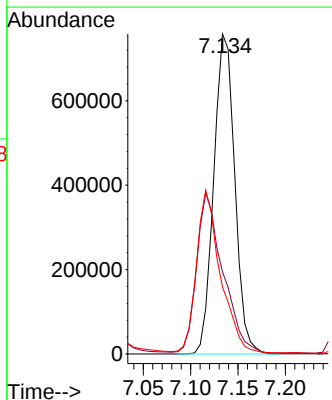
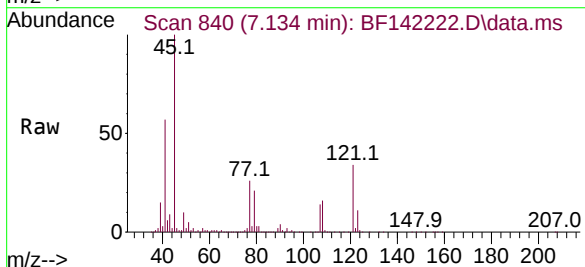
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

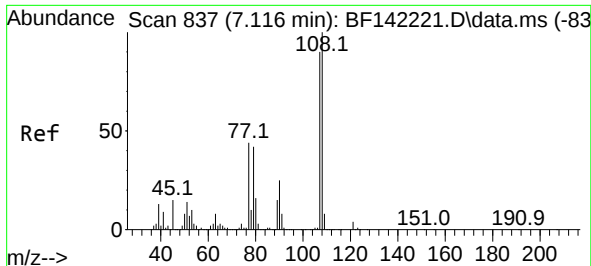
Tgt Ion: 79 Resp: 1172410
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.2
77 63.2 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.557 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

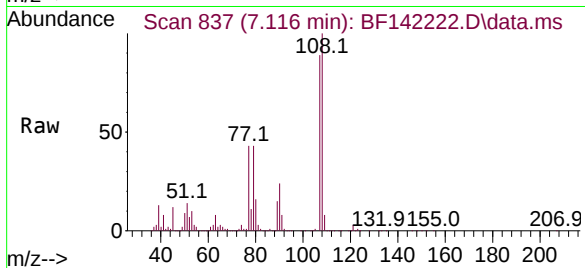
Tgt Ion: 45 Resp: 1169195
Ion Ratio Lower Upper
45 100
77 25.7 3.0 43.0
79 20.9 0.0 38.4



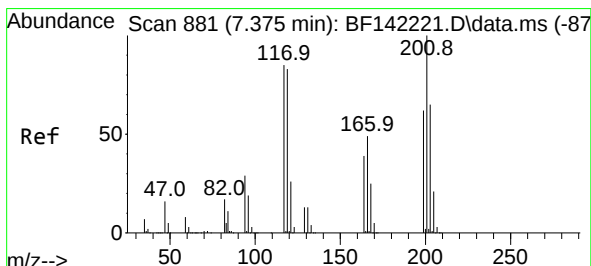
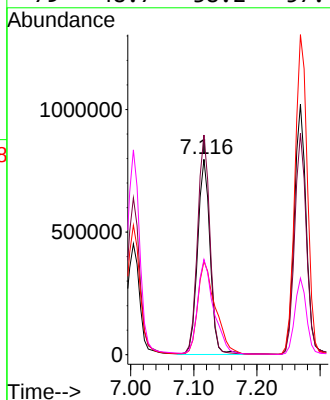
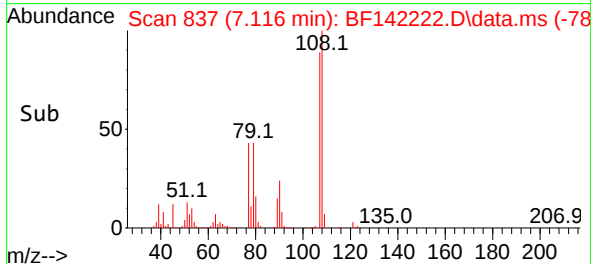


#17
2-Methylphenol
Concen: 49.636 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

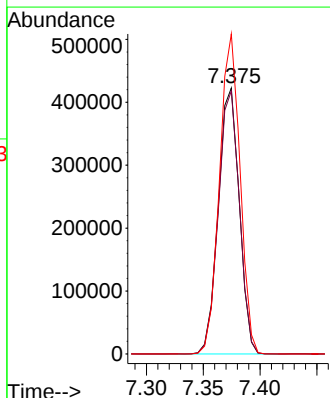
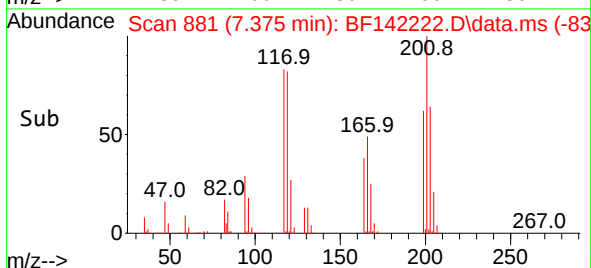
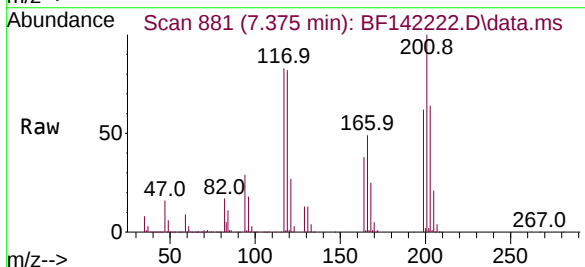


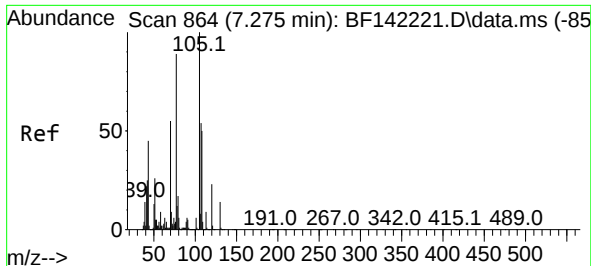
Tgt Ion:107 Resp: 1099308
Ion Ratio Lower Upper
107 100
108 112.4 89.3 133.9
77 47.8 39.3 58.9
79 48.7 38.2 57.4



#18
Hexachloroethane
Concen: 47.820 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:117 Resp: 542947
Ion Ratio Lower Upper
117 100
119 98.9 78.0 117.0
201 120.3 94.2 141.4



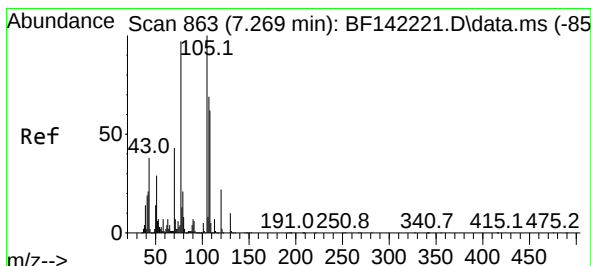
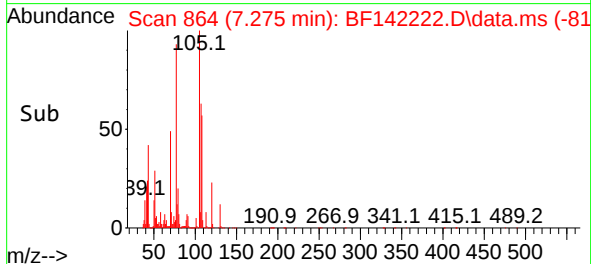
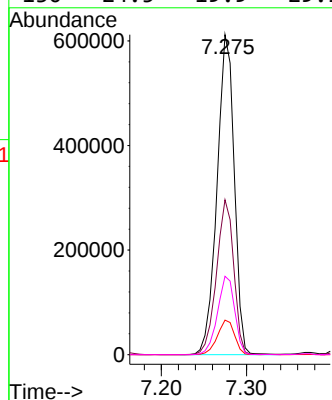
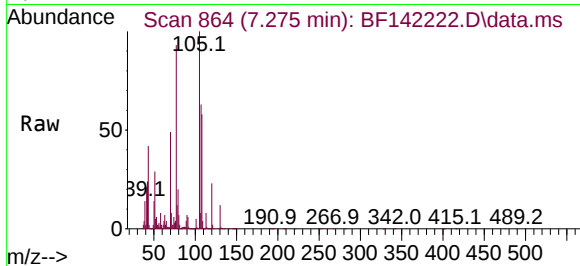


#19
n-Nitroso-di-n-propylamine
Concen: 47.630 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 860495

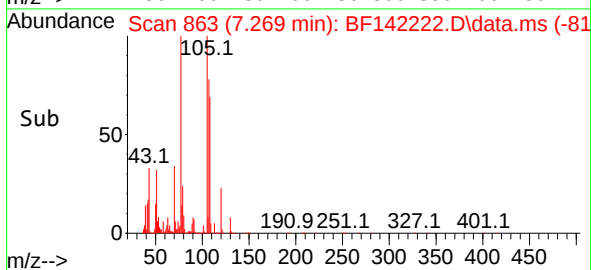
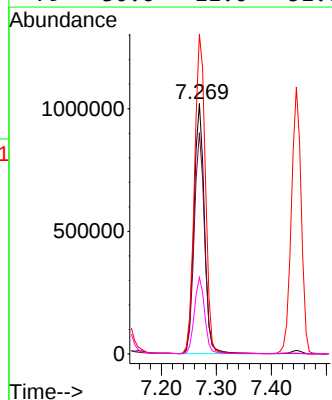
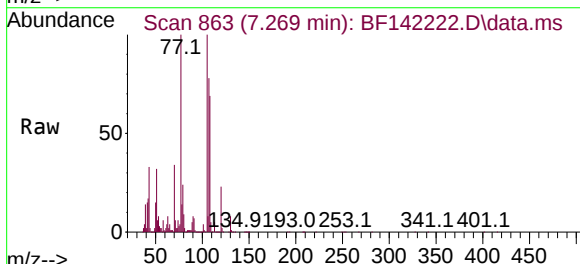
Ion	Ratio	Lower	Upper
70	100		
42	48.4	37.1	55.7
101	10.8	8.6	12.8
130	24.5	19.9	29.9

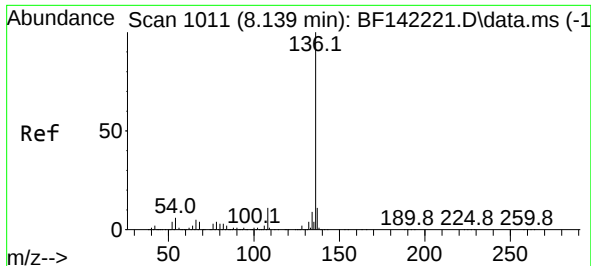


#20
3+4-Methylphenols
Concen: 48.023 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion: 107 Resp: 1337381

Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.2	110.2
77	127.8	119.4	159.4
79	30.6	11.0	51.0



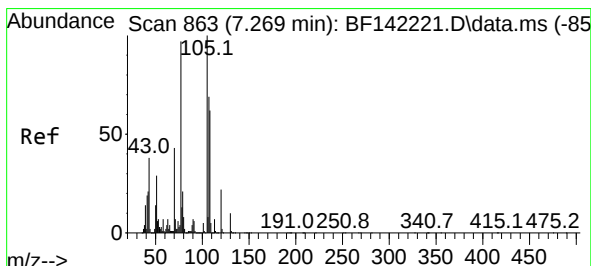
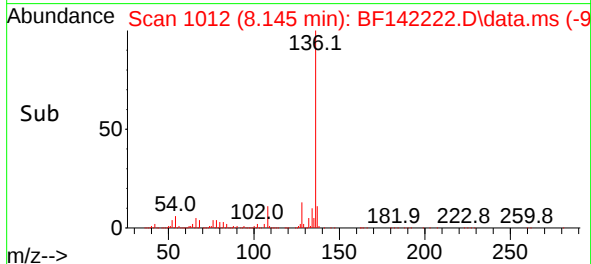
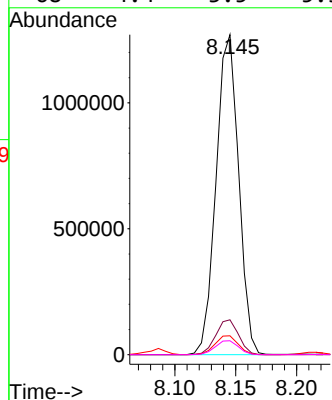
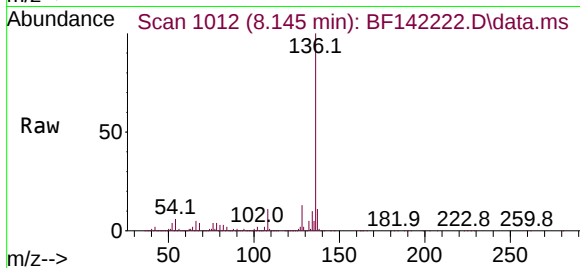


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1640529

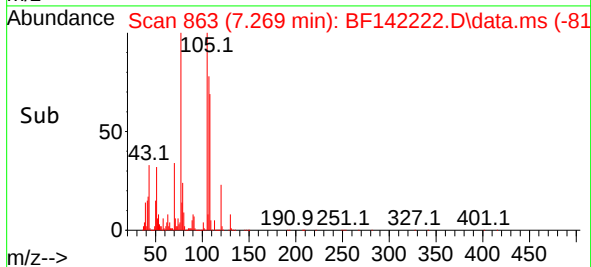
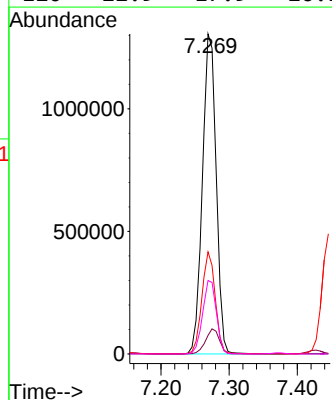
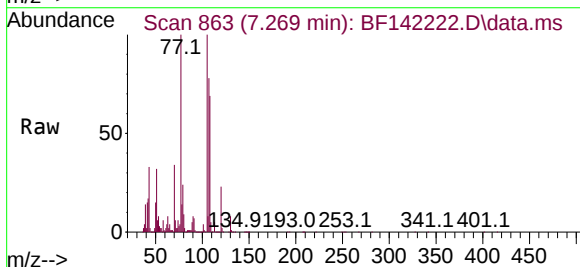
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.7	7.1
68	4.4	3.5	5.3

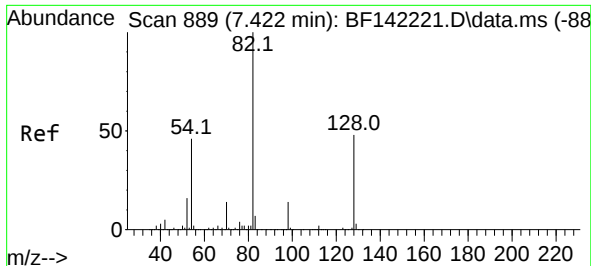


#22
Acetophenone
Concen: 48.262 ng
RT: 7.269 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:105 Resp: 1831599

Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.7	8.5
51	31.9	23.5	35.3
120	22.9	17.9	26.9

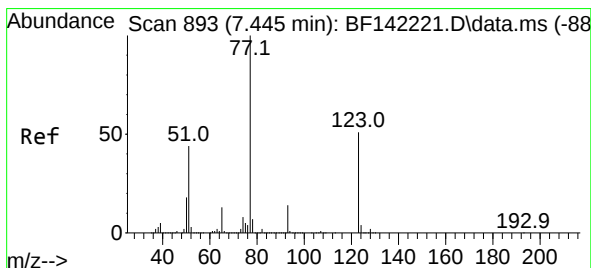
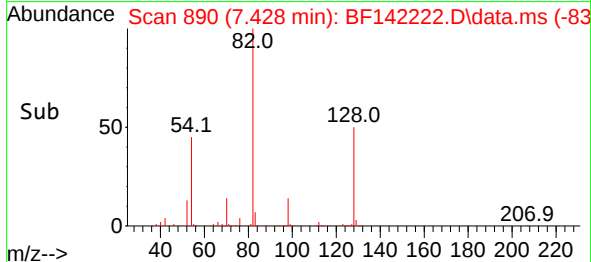
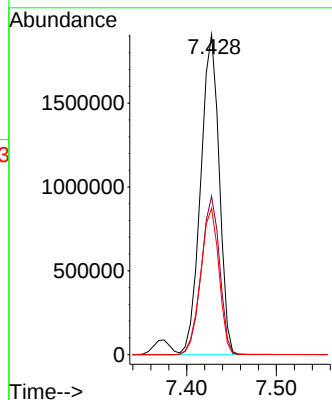
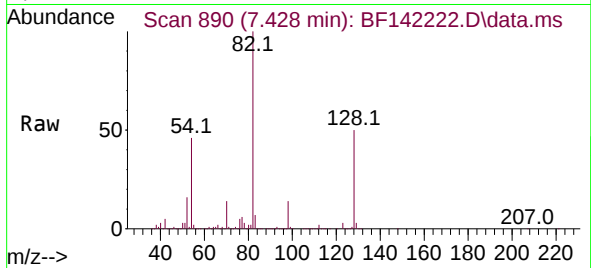




#23
Nitrobenzene-d5
Concen: 99.035 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

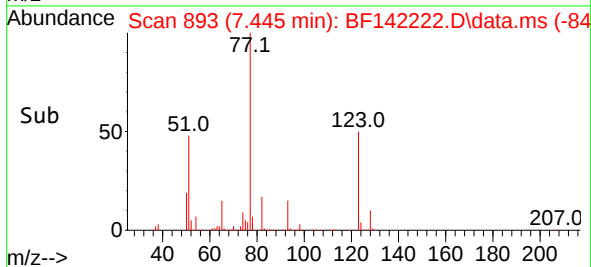
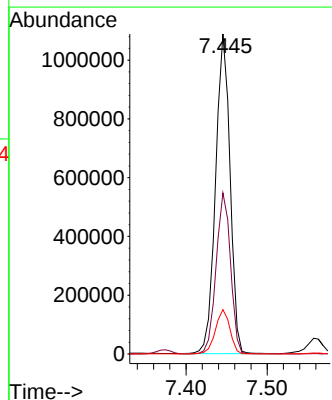
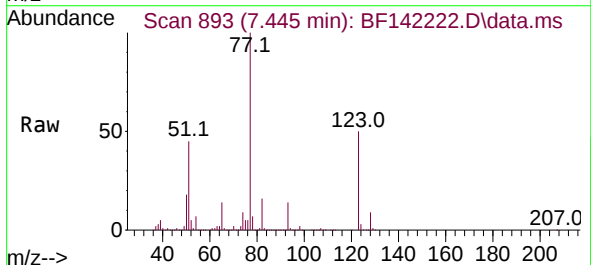
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

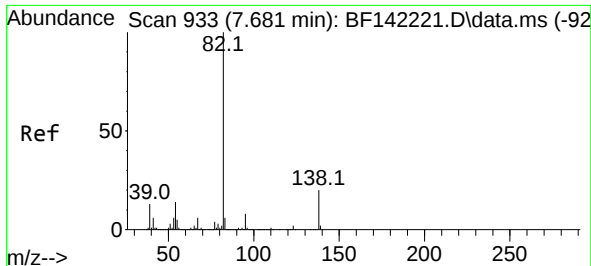
Tgt Ion: 82 Resp: 2726890
Ion Ratio Lower Upper
82 100
128 49.5 38.3 57.5
54 45.7 36.4 54.6



#24
Nitrobenzene
Concen: 49.548 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion: 77 Resp: 1347755
Ion Ratio Lower Upper
77 100
123 50.4 41.0 61.6
65 13.9 10.6 16.0

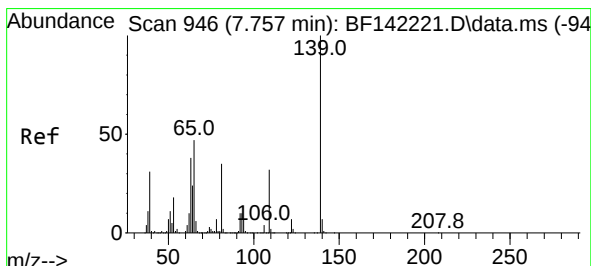
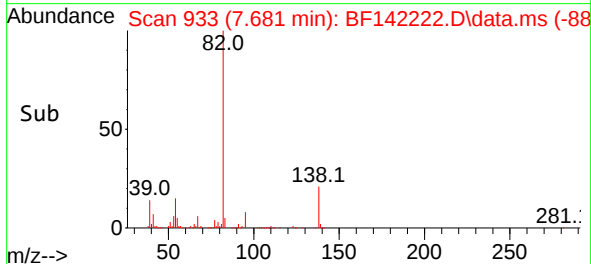
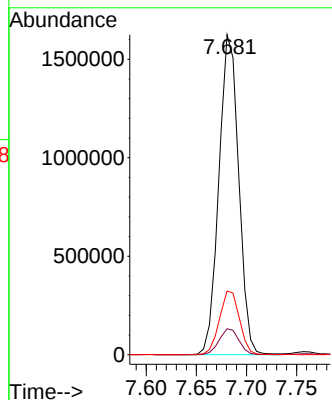
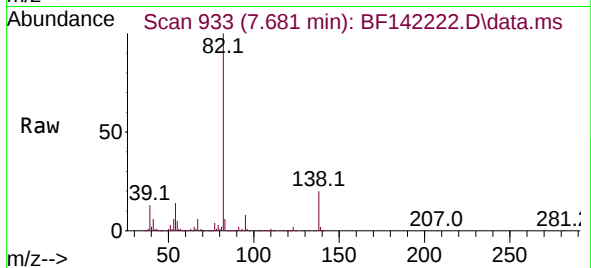




#25
Isophorone
Concen: 49.329 ng
RT: 7.681 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

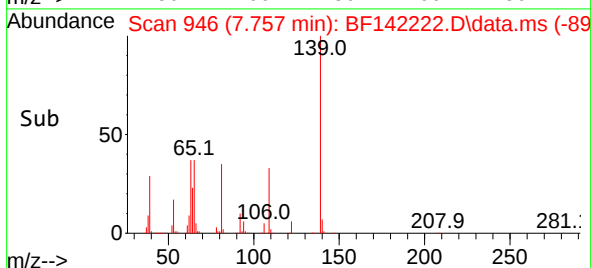
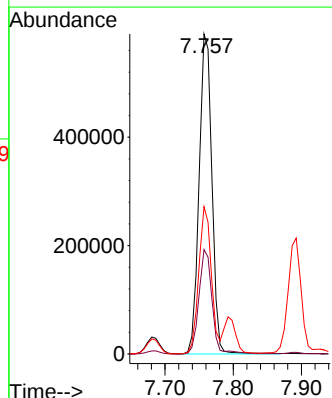
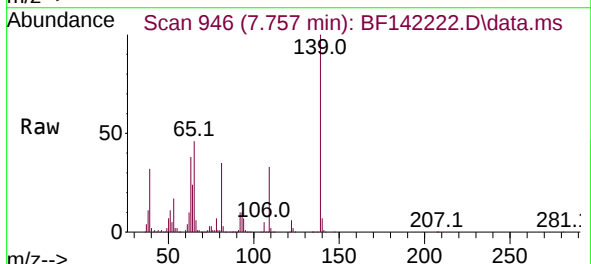
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

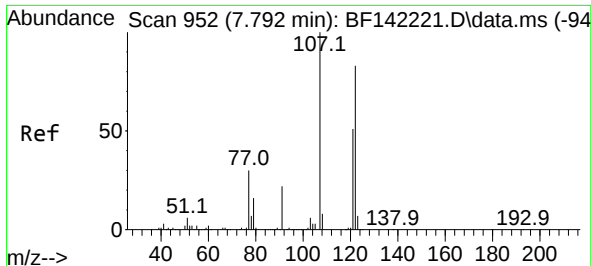
Tgt Ion: 82 Resp: 2227068
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 19.9 16.2 24.2



#26
2-Nitrophenol
Concen: 51.514 ng
RT: 7.757 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:139 Resp: 769499
Ion Ratio Lower Upper
139 100
109 32.6 25.5 38.3
65 46.0 37.4 56.2

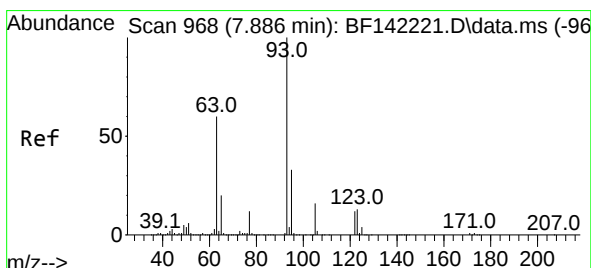
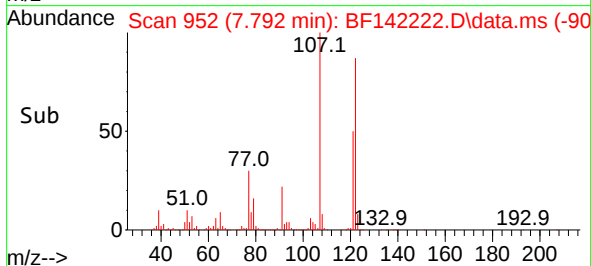
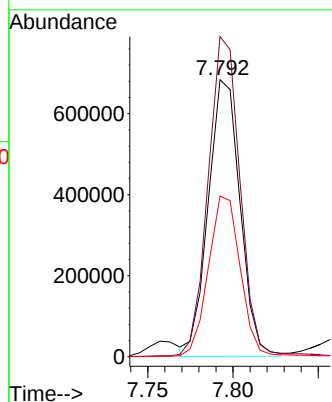
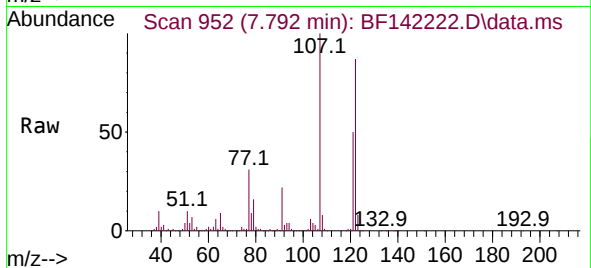




#27
2,4-Dimethylphenol
Concen: 51.153 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

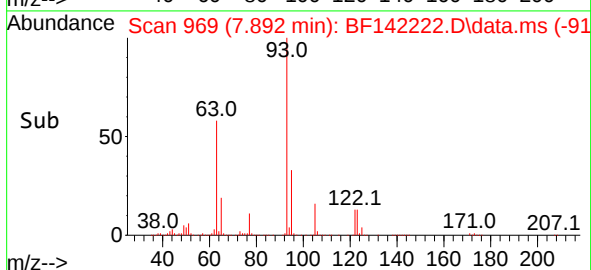
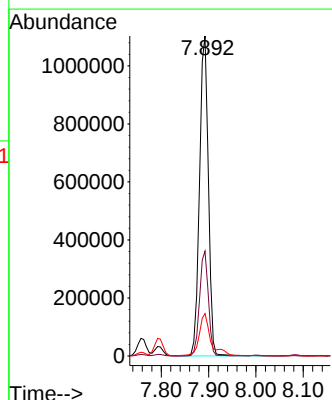
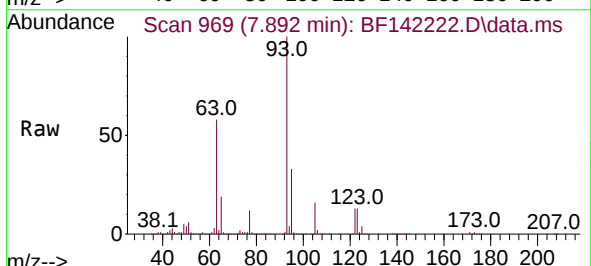
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

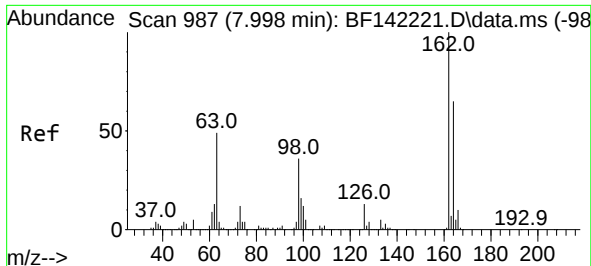
Tgt Ion:122 Resp: 887959
Ion Ratio Lower Upper
122 100
107 115.5 94.6 141.8
121 58.0 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.995 ng
RT: 7.892 min Scan# 969
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion: 93 Resp: 1426762
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 13.3 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 49.947 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

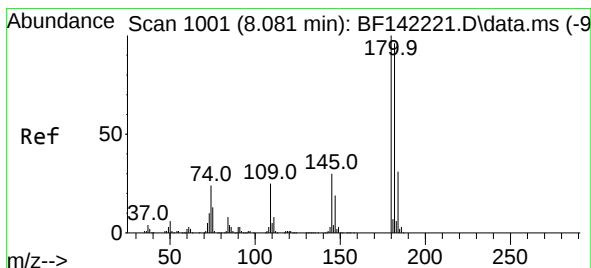
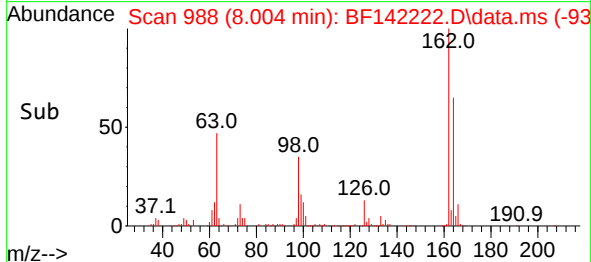
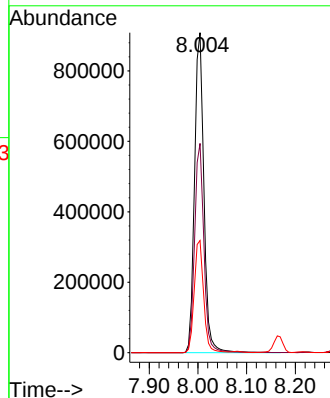
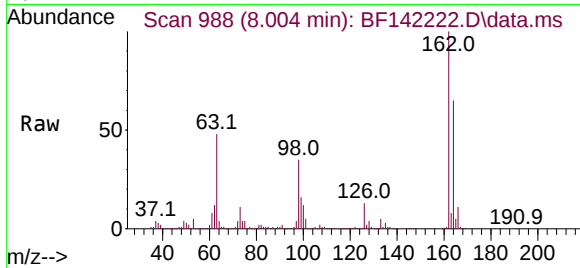
Tgt Ion:162 Resp: 1221453

Ion Ratio Lower Upper

162 100

164 65.4 44.7 84.7

98 35.0 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 49.630 ng

RT: 8.081 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

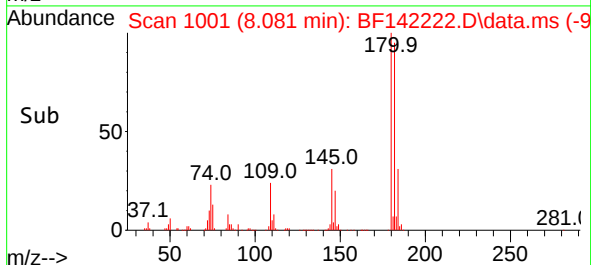
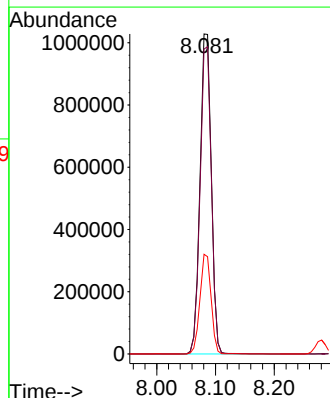
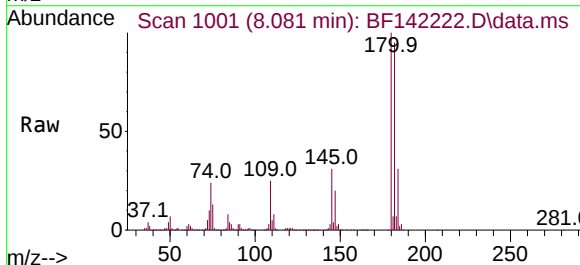
Tgt Ion:180 Resp: 1369396

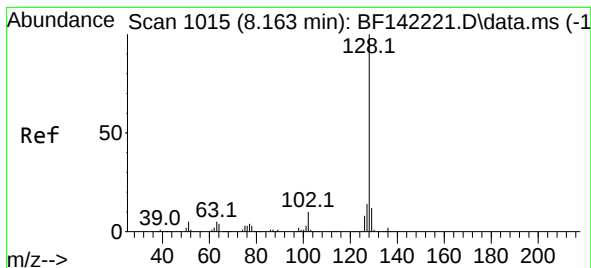
Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

145 31.2 24.3 36.5





#31

Naphthalene

Concen: 47.731 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

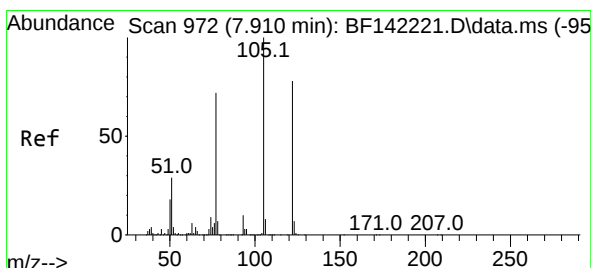
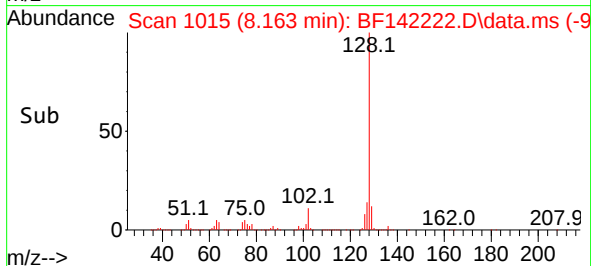
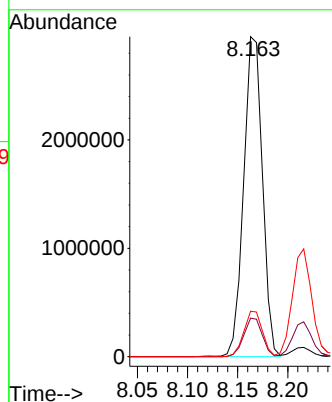
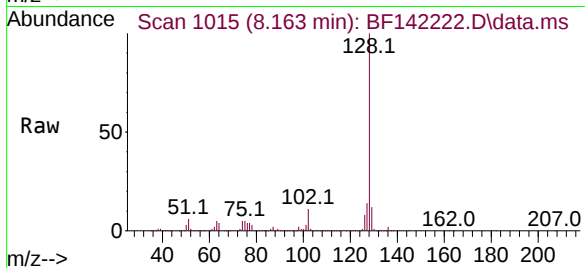
Tgt Ion:128 Resp: 3848721

Ion Ratio Lower Upper

128 100

129 12.1 9.4 14.0

127 14.2 11.0 16.4



#32

Benzoic acid

Concen: 56.333 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.018 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

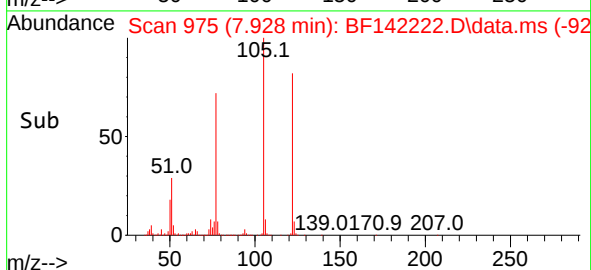
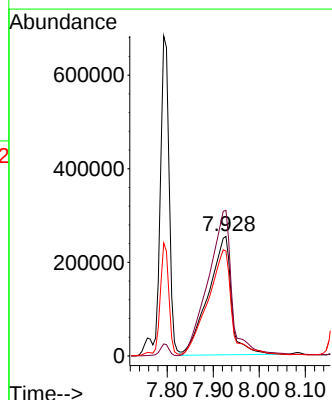
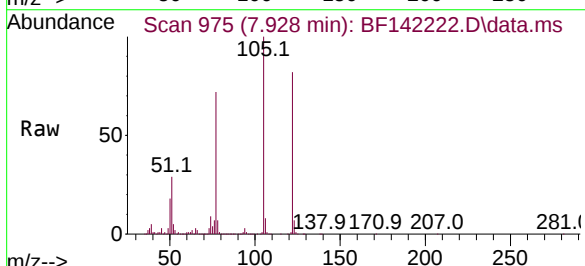
Tgt Ion:122 Resp: 885478

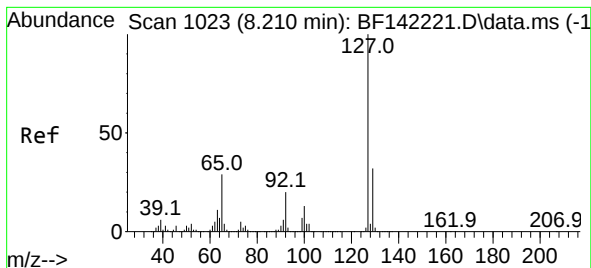
Ion Ratio Lower Upper

122 100

105 121.7 104.9 144.9

77 87.8 70.3 110.3



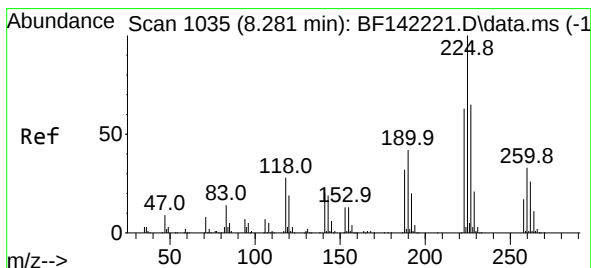
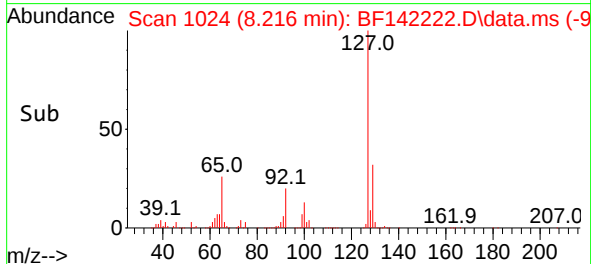
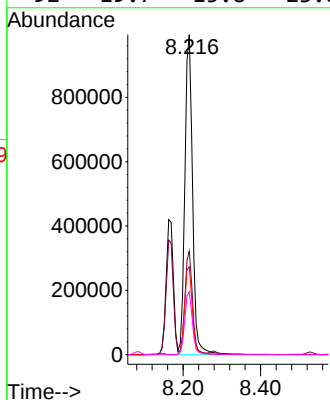
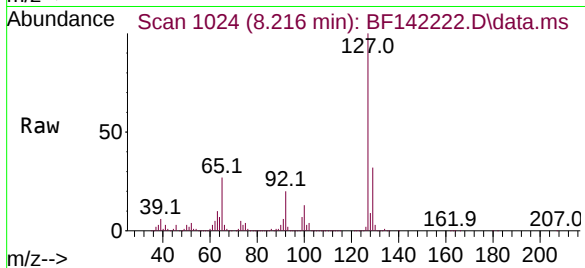


#33
4-Chloroaniline
Concen: 48.515 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:127 Resp: 1377622

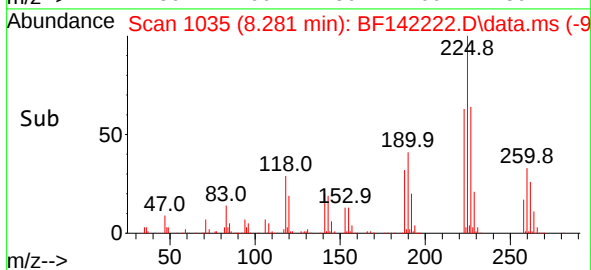
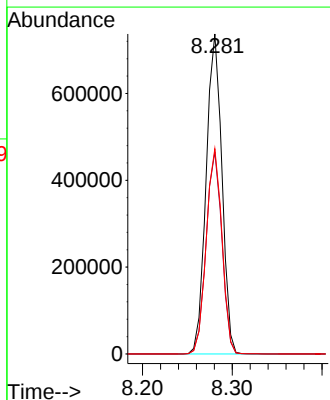
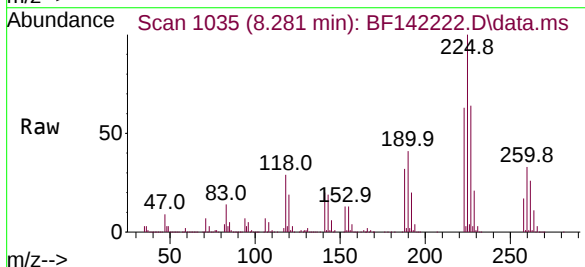
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	27.5	22.8	34.2
92	19.7	15.8	23.8

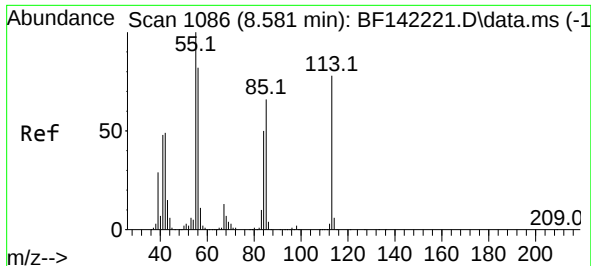


#34
Hexachlorobutadiene
Concen: 49.364 ng
RT: 8.281 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:225 Resp: 897844

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	64.1	51.9	77.9

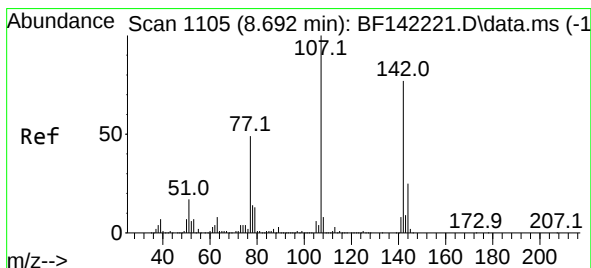
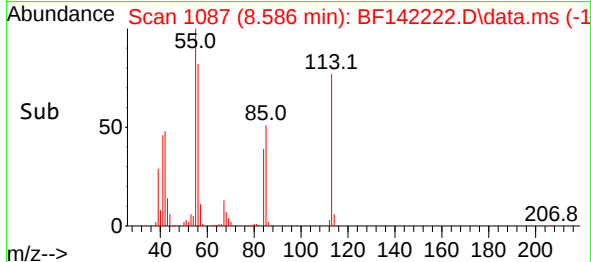
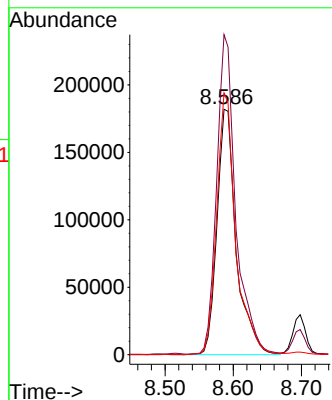
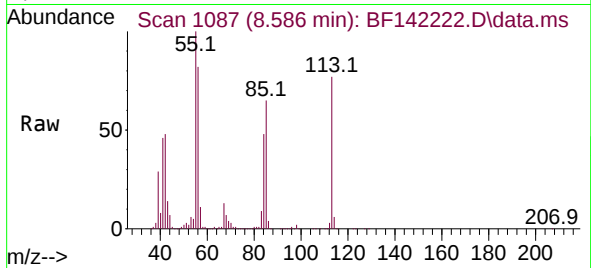




#35
 Caprolactam
 Concen: 49.888 ng
 RT: 8.586 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

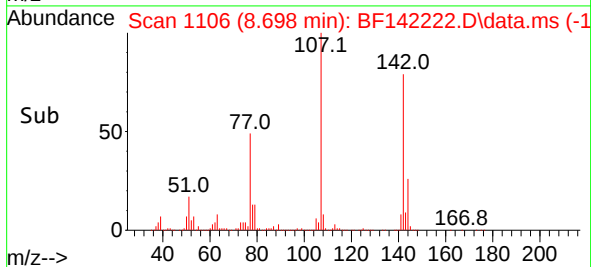
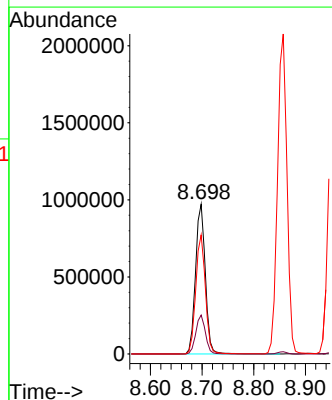
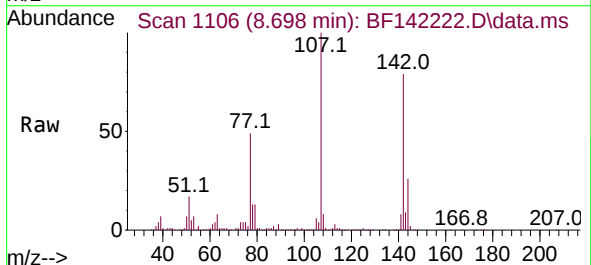
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

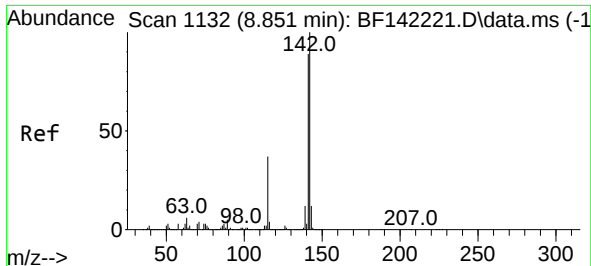
Tgt Ion:113 Resp: 358306
 Ion Ratio Lower Upper
 113 100
 55 130.4 107.8 147.8
 56 106.6 84.5 124.5



#36
 4-Chloro-3-methylphenol
 Concen: 50.228 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF142222.D
 Acq: 23 Apr 2025 13:15

Tgt Ion:107 Resp: 1276909
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.7 29.5
 142 79.4 61.8 92.8

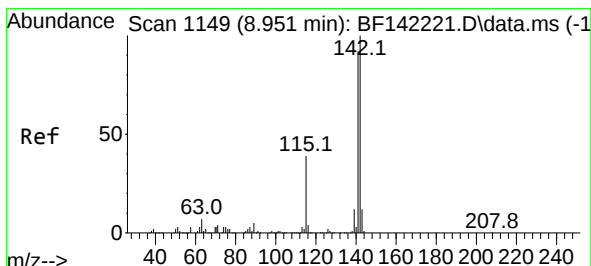
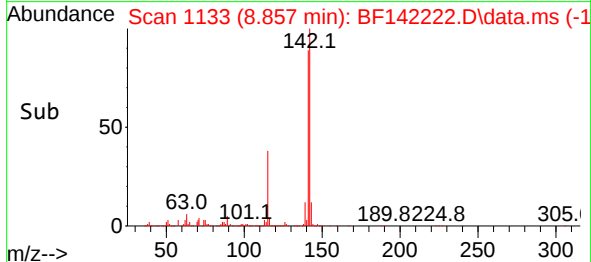
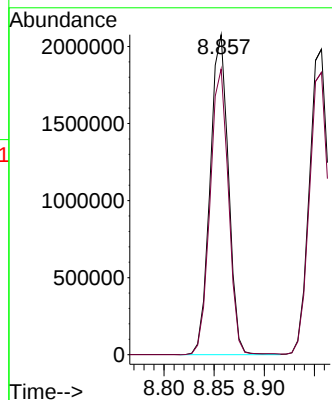
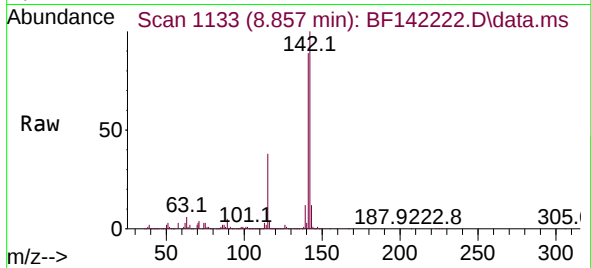




#37
2-Methylnaphthalene
Concen: 48.760 ng
RT: 8.857 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

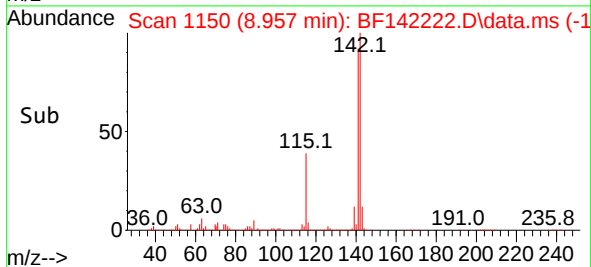
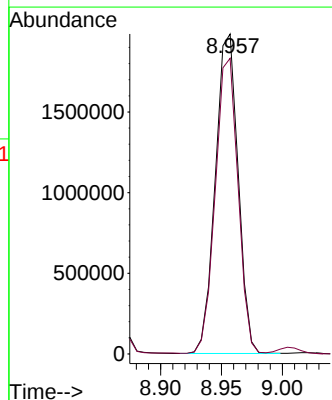
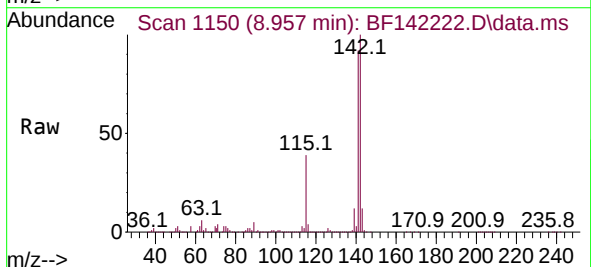
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

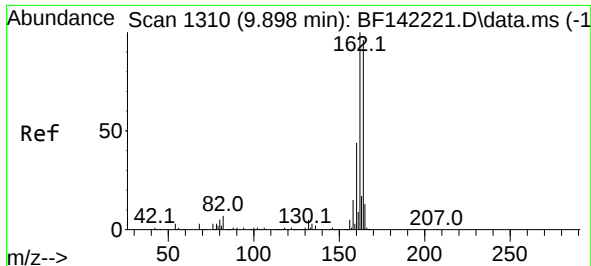
Tgt Ion:142 Resp: 2638318
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3



#38
1-Methylnaphthalene
Concen: 48.868 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:142 Resp: 2576150
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4

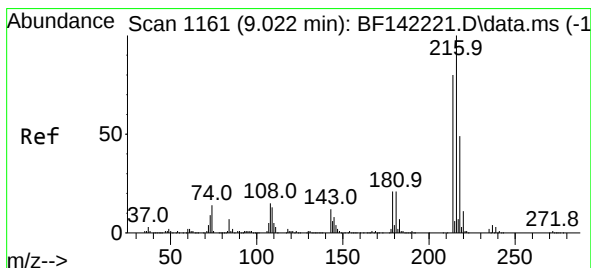
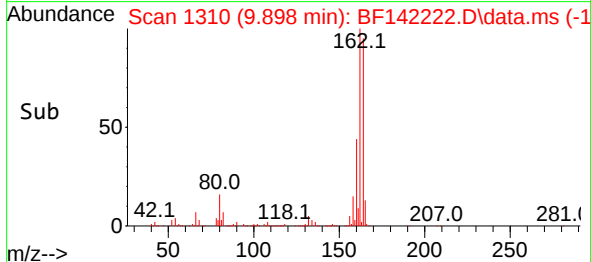
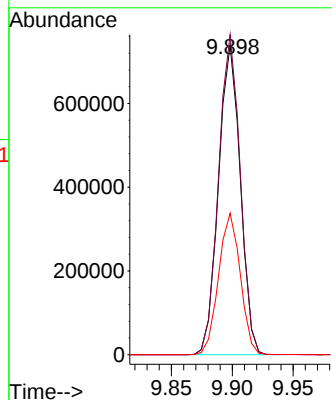
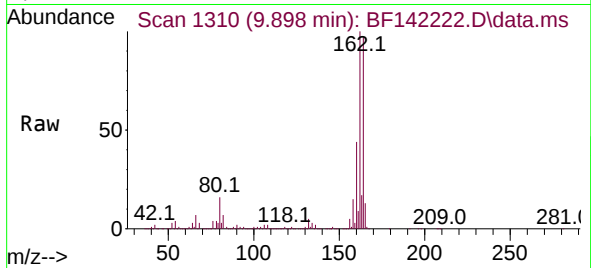




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

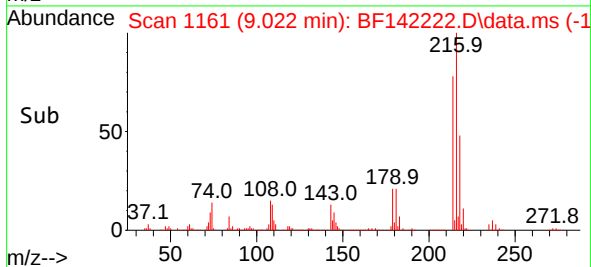
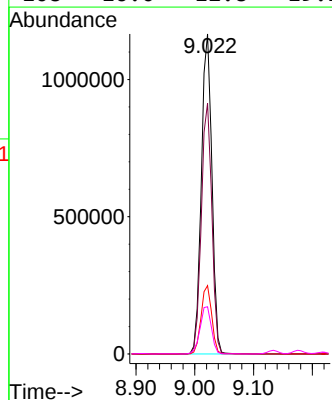
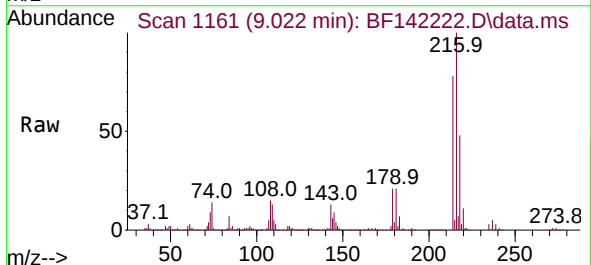
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

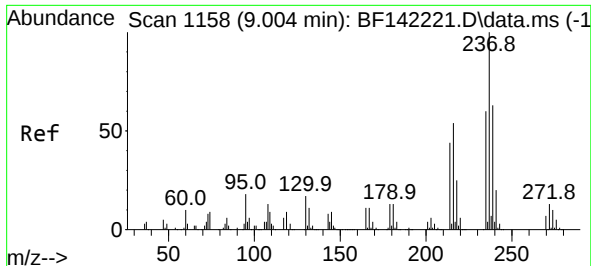
Tgt Ion:164 Resp: 919889
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 45.7 36.5 54.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.345 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:216 Resp: 1447316
Ion Ratio Lower Upper
216 100
214 78.4 64.1 96.1
179 21.5 17.0 25.6
108 16.0 12.8 19.2

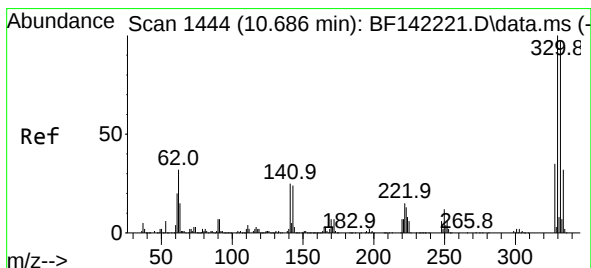
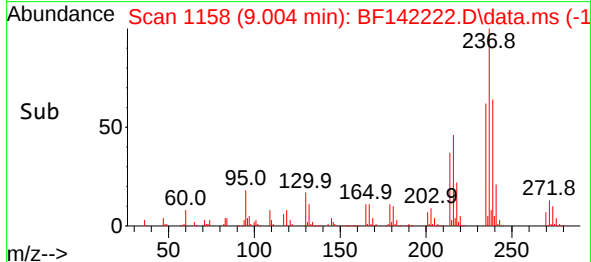
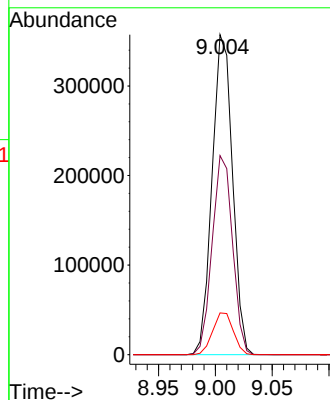
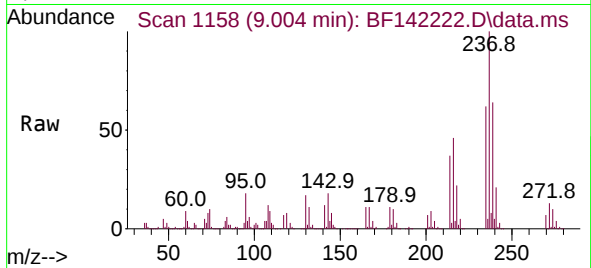




#41
Hexachlorocyclopentadiene
Concen: 49.053 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

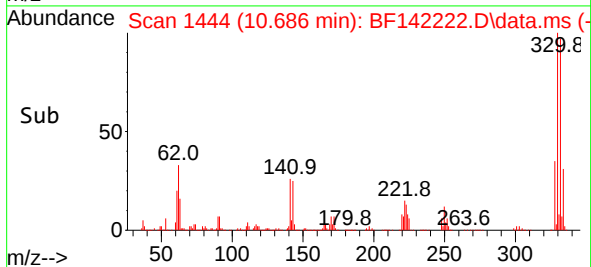
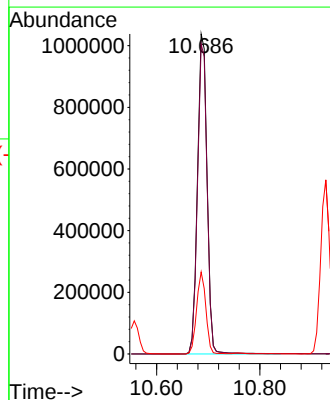
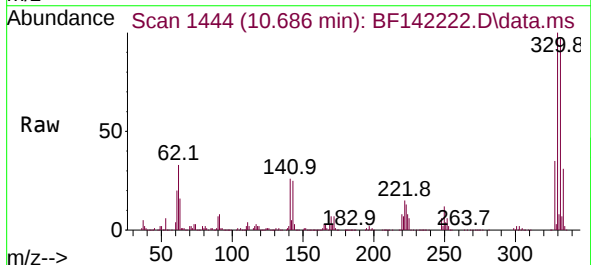
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

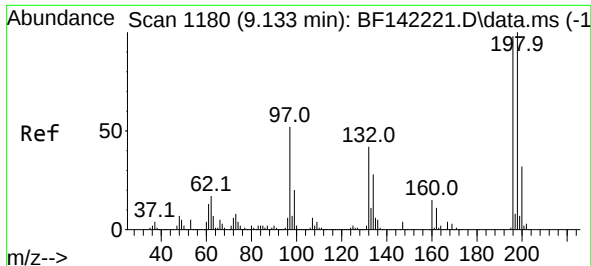
Tgt Ion:237 Resp: 445606
Ion Ratio Lower Upper
237 100
235 62.2 40.0 80.0
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 103.646 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:330 Resp: 1336461
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 24.8 20.2 30.4

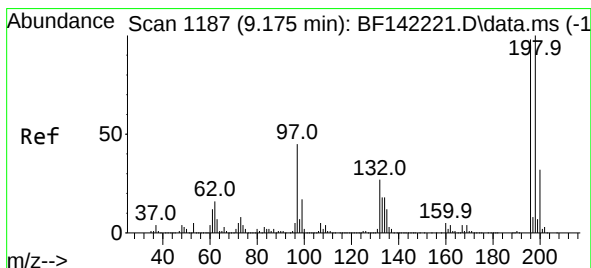
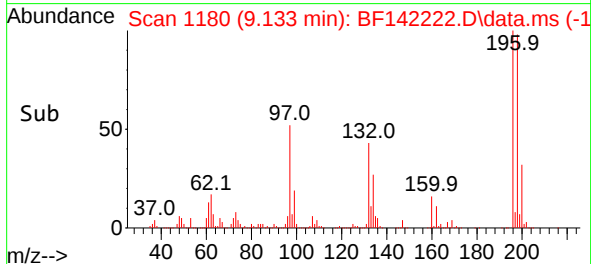
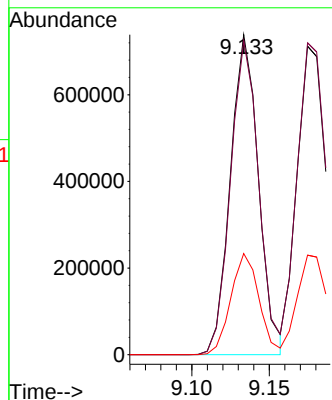
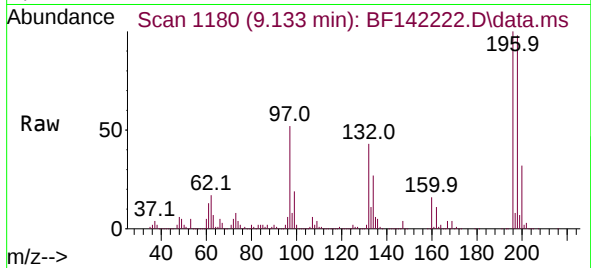




#43
2,4,6-Trichlorophenol
Concen: 52.456 ng
RT: 9.133 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

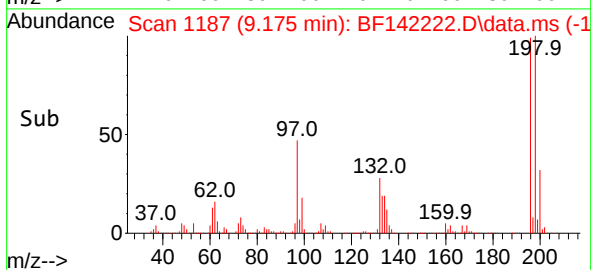
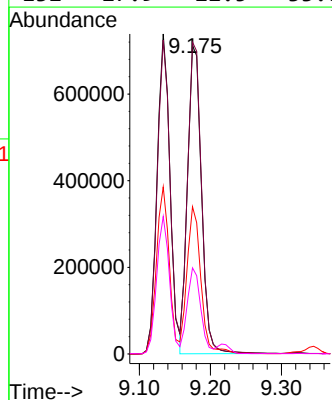
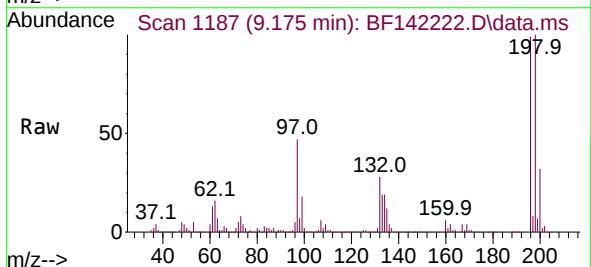
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

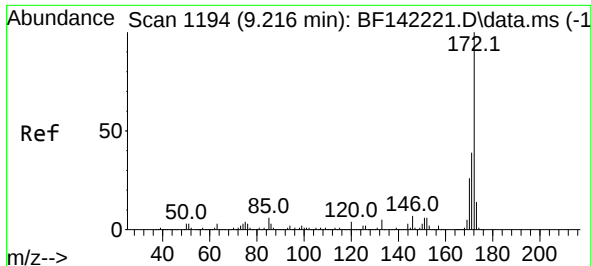
Tgt Ion:196 Resp: 930794
Ion Ratio Lower Upper
196 100
198 98.1 81.3 121.9
200 31.6 25.8 38.8



#44
2,4,5-Trichlorophenol
Concen: 50.953 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:196 Resp: 969475
Ion Ratio Lower Upper
196 100
198 101.1 81.4 122.0
97 47.7 37.4 56.2
132 27.9 22.5 33.7

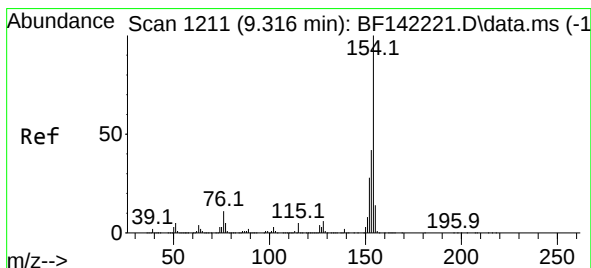
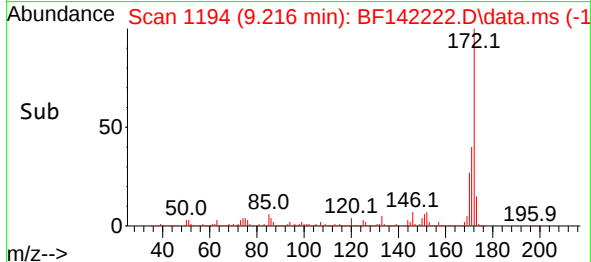
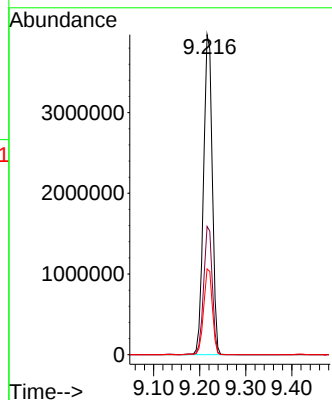
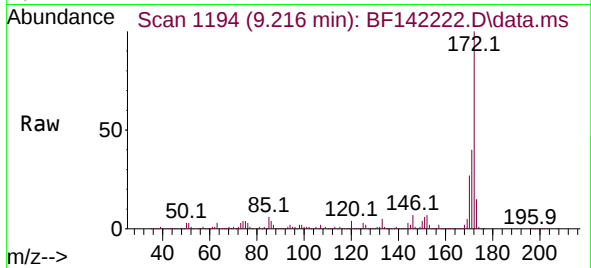




#45
2-Fluorobiphenyl
Concen: 92.306 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

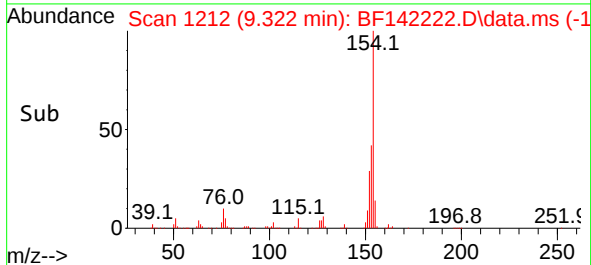
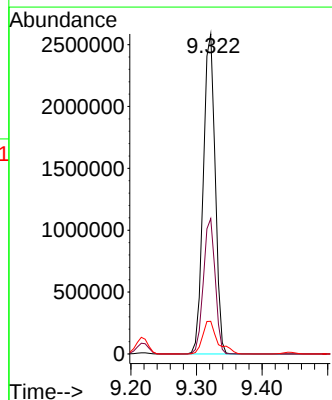
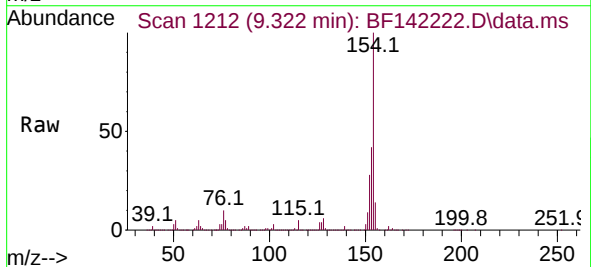
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

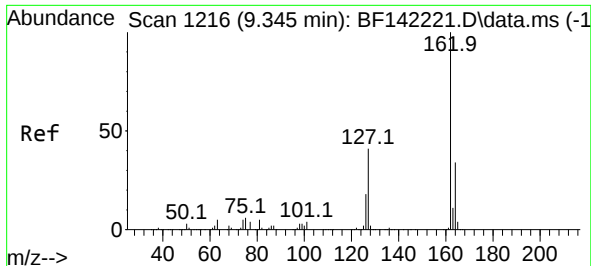
Tgt Ion:172 Resp: 5276818
Ion Ratio Lower Upper
172 100
171 40.0 30.9 46.3
170 26.8 20.6 30.8



#46
1,1'-Biphenyl
Concen: 48.173 ng
RT: 9.322 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:154 Resp: 3263135
Ion Ratio Lower Upper
154 100
153 42.3 22.0 62.0
76 10.2 0.0 30.7

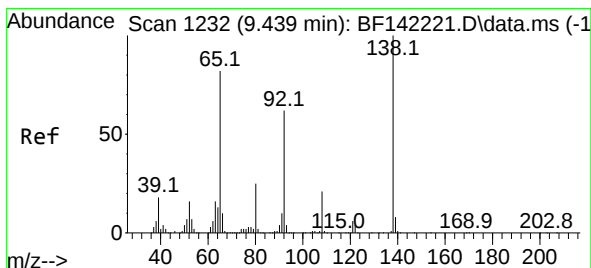
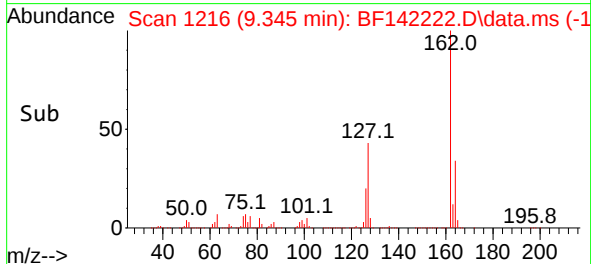
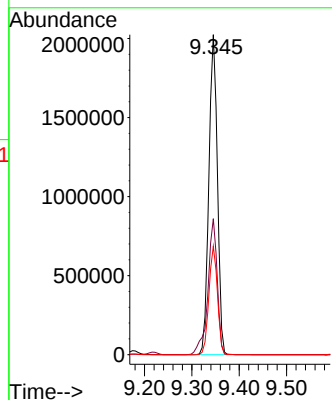
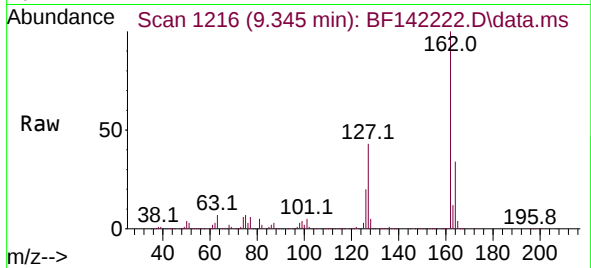




#47
2-Chloronaphthalene
Concen: 48.881 ng
RT: 9.345 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

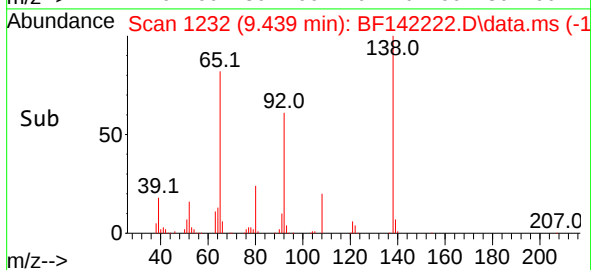
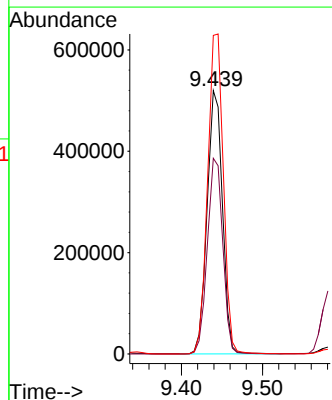
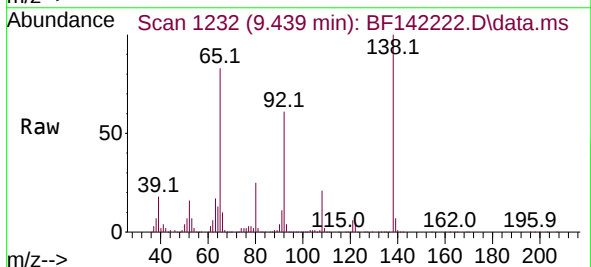
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

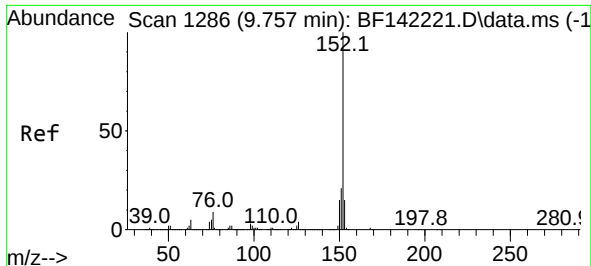
Tgt Ion:162 Resp: 2538921
Ion Ratio Lower Upper
162 100
127 42.5 33.4 50.0
164 33.9 26.9 40.3



#48
2-Nitroaniline
Concen: 50.626 ng
RT: 9.439 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion: 65 Resp: 680570
Ion Ratio Lower Upper
65 100
92 74.3 60.6 91.0
138 121.0 97.8 146.6

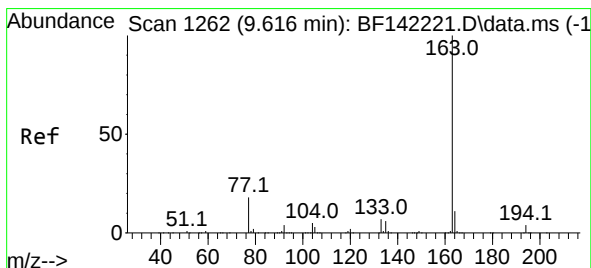
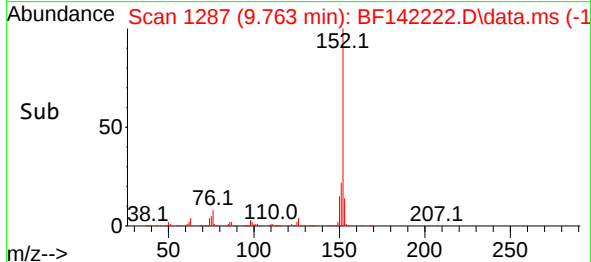
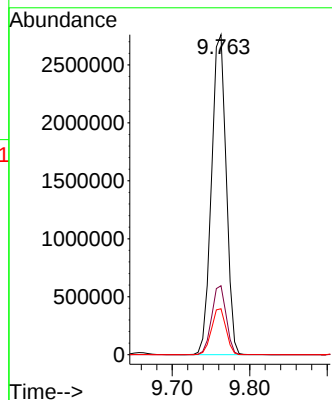
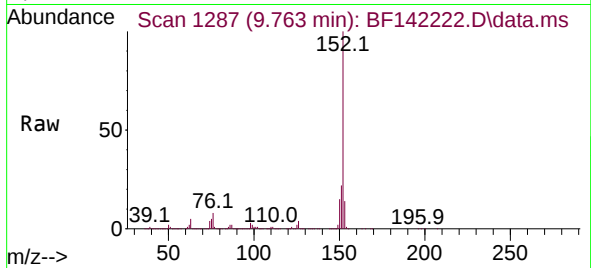




#49
Acenaphthylene
Concen: 48.222 ng
RT: 9.763 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

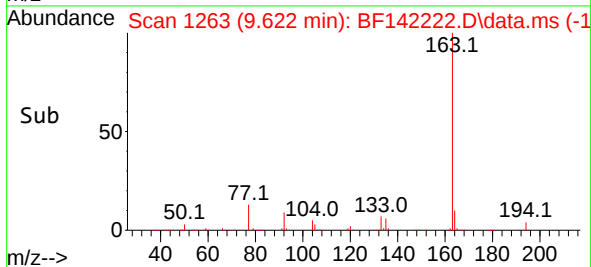
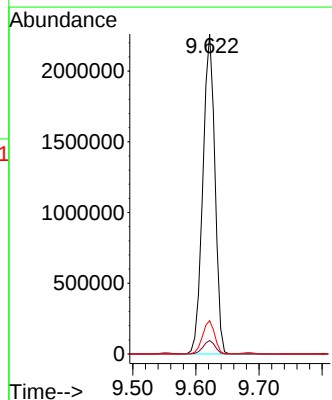
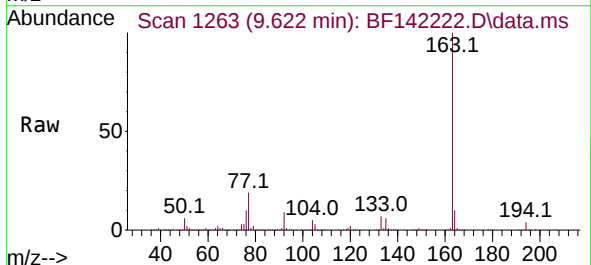
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

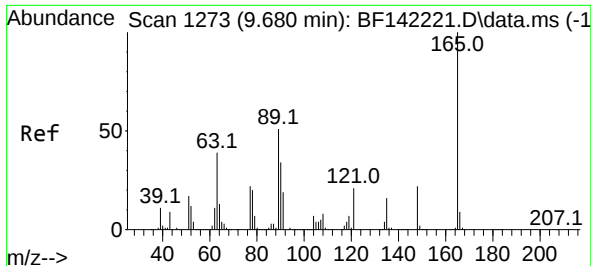
Tgt Ion:152 Resp: 3632949
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1
153 14.4 11.6 17.4



#50
Dimethylphthalate
Concen: 48.607 ng
RT: 9.622 min Scan# 1263
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:163 Resp: 3002721
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.5 12.7

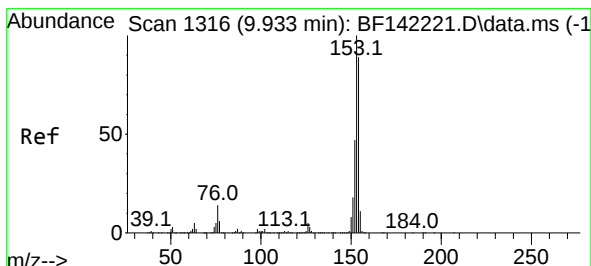
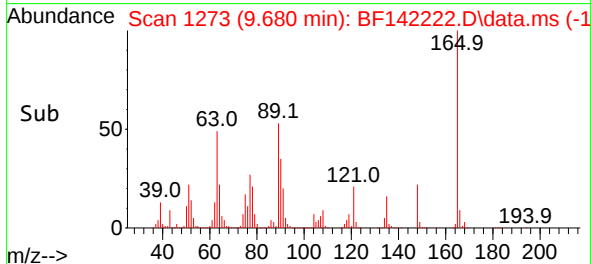
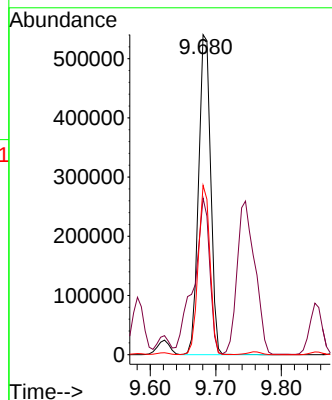
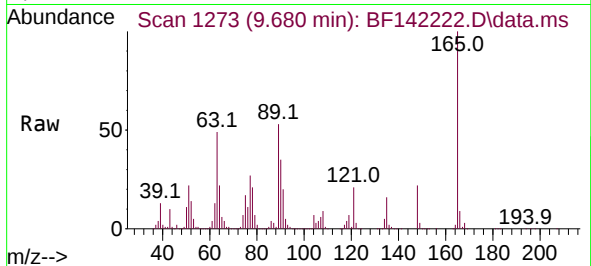




#51
2,6-Dinitrotoluene
Concen: 50.301 ng
RT: 9.680 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

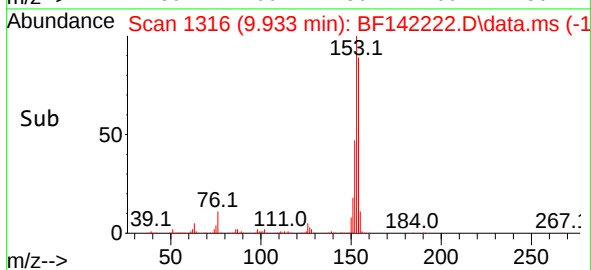
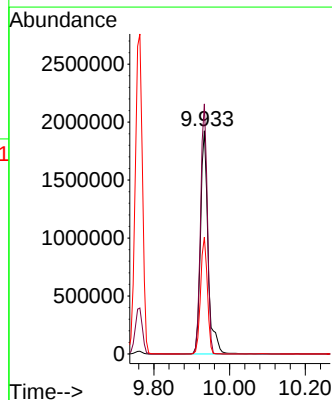
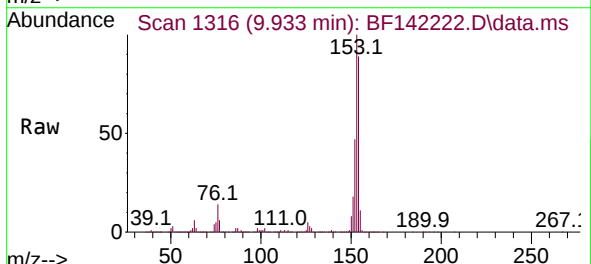
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

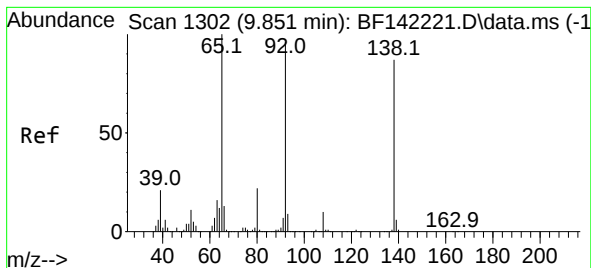
Tgt Ion:165 Resp: 691939
Ion Ratio Lower Upper
165 100
63 48.9 37.9 56.9
89 52.9 40.6 61.0



#52
Acenaphthene
Concen: 49.741 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:154 Resp: 2678433
Ion Ratio Lower Upper
154 100
153 112.1 89.5 134.3
152 52.4 41.9 62.9





#53

3-Nitroaniline

Concen: 49.430 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

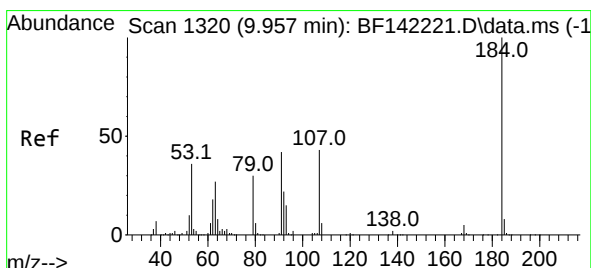
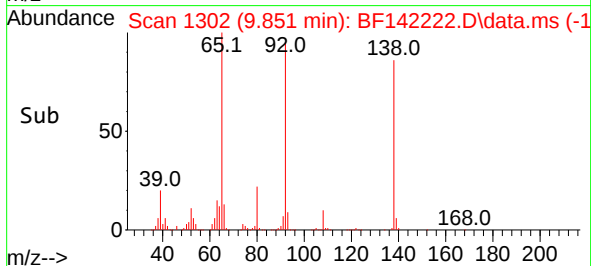
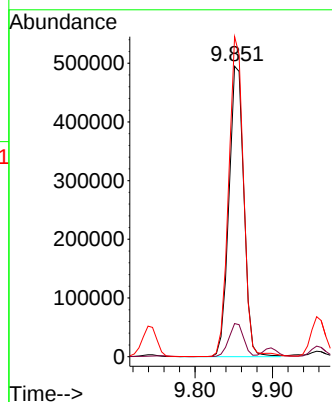
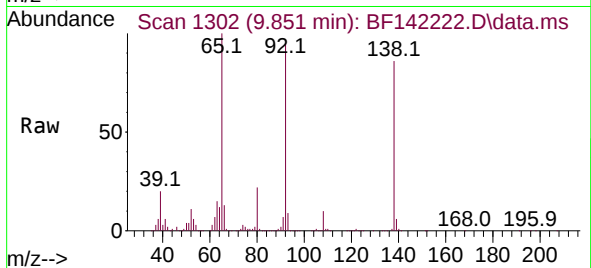
Tgt Ion:138 Resp: 665504

Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.6

92 110.2 88.5 132.7



#54

2,4-Dinitrophenol

Concen: 55.563 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

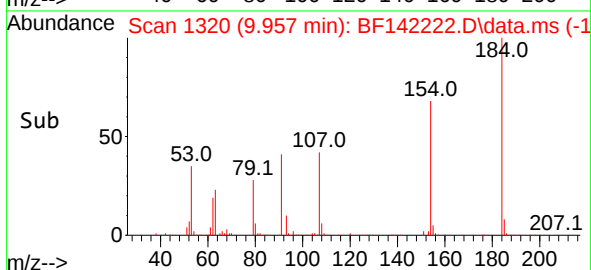
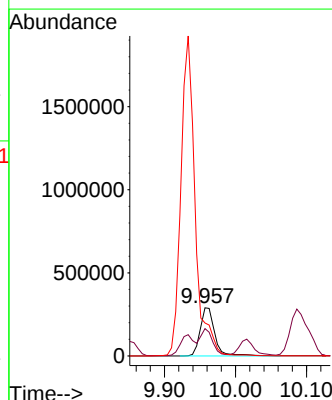
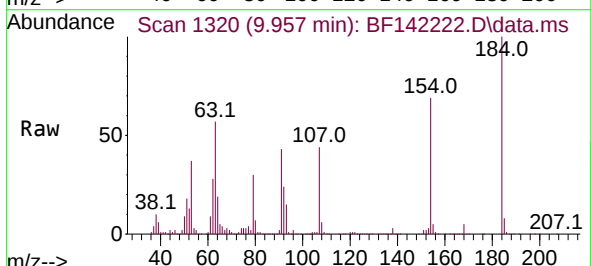
Tgt Ion:184 Resp: 414002

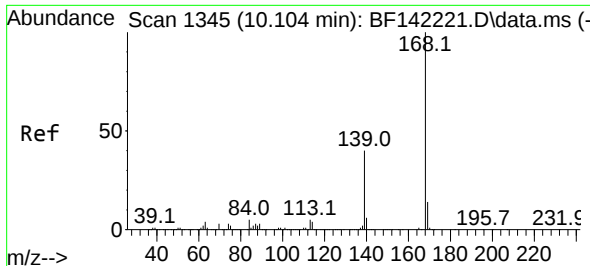
Ion Ratio Lower Upper

184 100

63 56.7 44.6 66.8

154 68.6 54.2 81.4

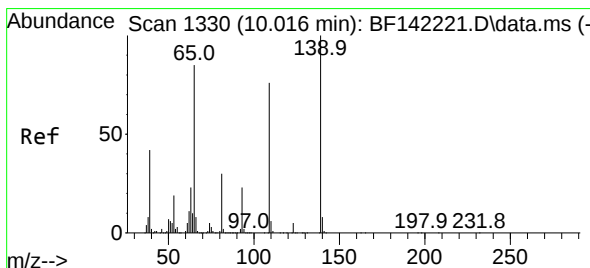
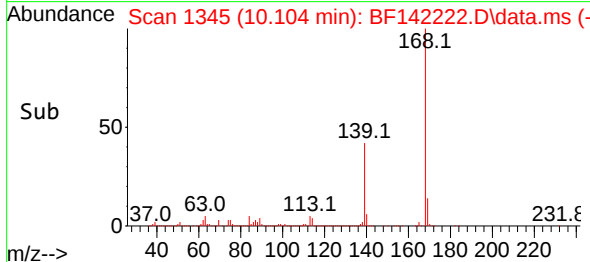
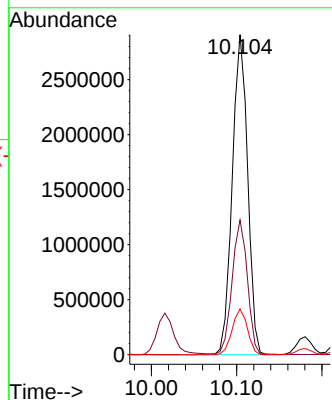
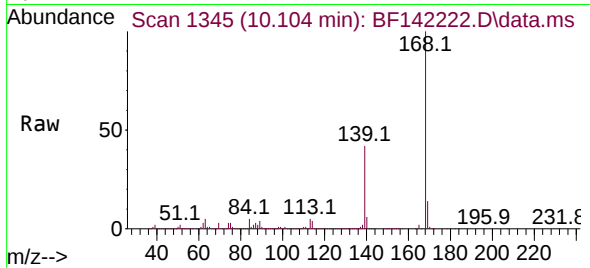




#55
Dibenzofuran
Concen: 47.900 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

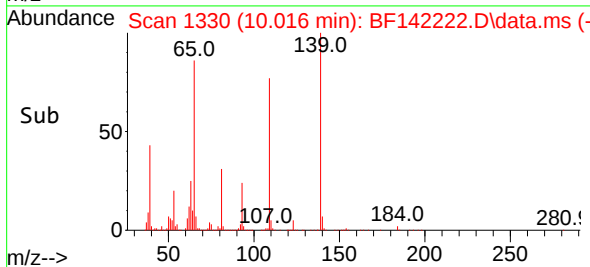
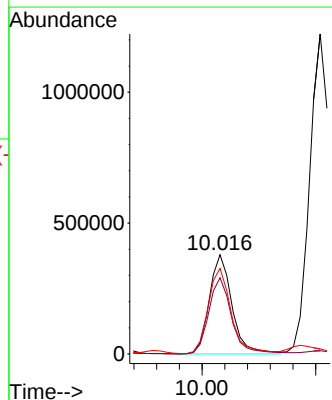
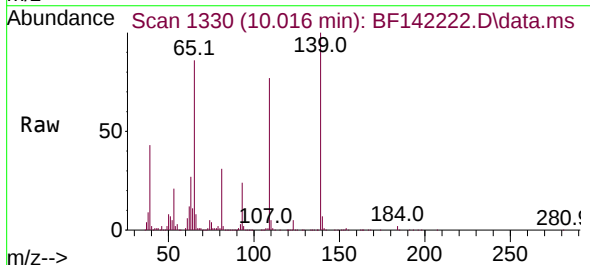
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

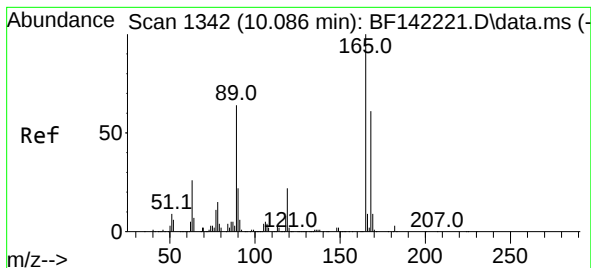
Tgt Ion:168 Resp: 3636164
Ion Ratio Lower Upper
168 100
139 42.0 32.6 48.8
169 14.3 11.2 16.8



#56
4-Nitrophenol
Concen: 53.558 ng
RT: 10.016 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:139 Resp: 525291
Ion Ratio Lower Upper
139 100
109 76.8 55.8 95.8
65 86.3 65.5 105.5

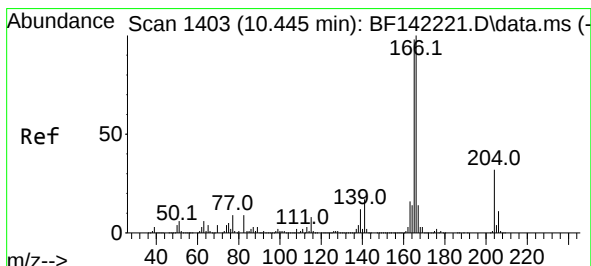
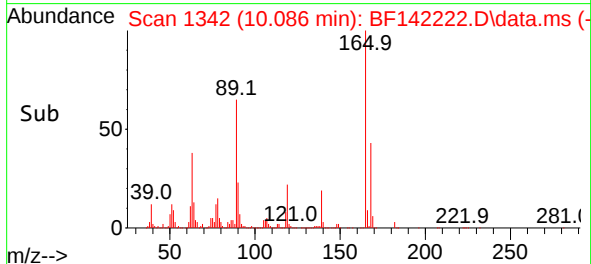
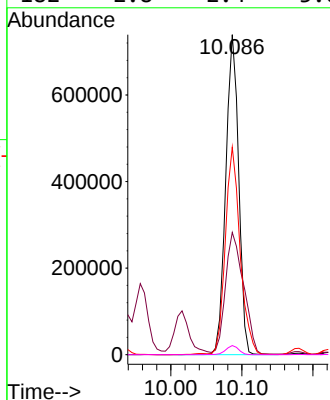
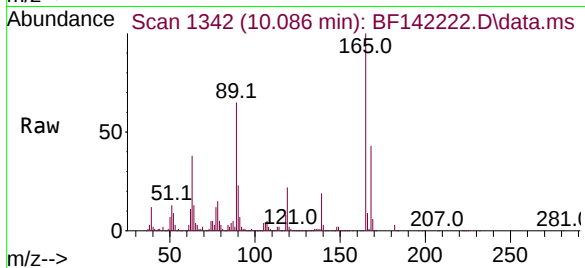




#57
2,4-Dinitrotoluene
Concen: 50.485 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

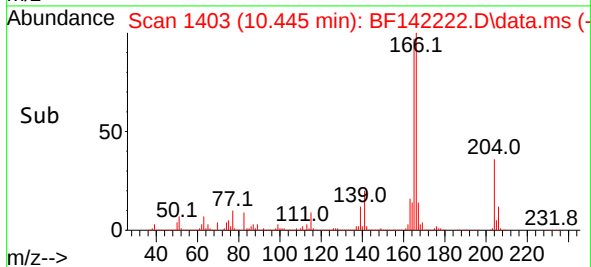
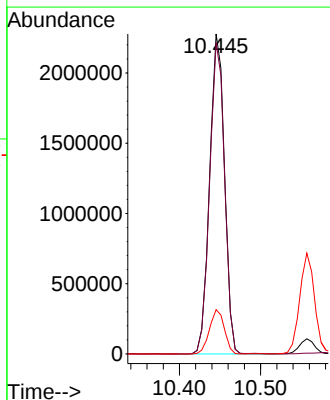
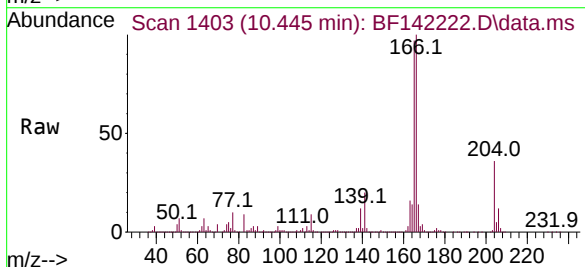
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

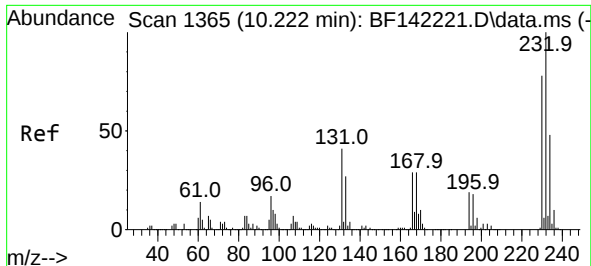
Tgt Ion:165 Resp: 930531
Ion Ratio Lower Upper
165 100
63 38.2 31.1 46.7
89 64.9 51.7 77.5
182 2.8 2.4 3.6



#58
Fluorene
Concen: 48.560 ng
RT: 10.445 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:166 Resp: 2890213
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 13.9 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.701 ng

RT: 10.222 min Scan# 1365

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 875255

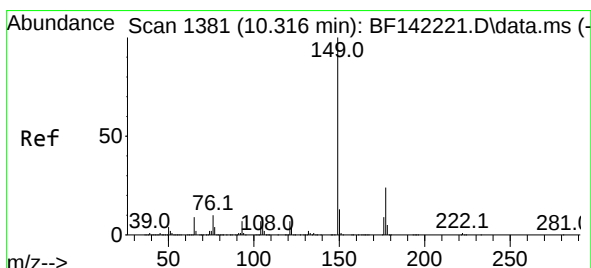
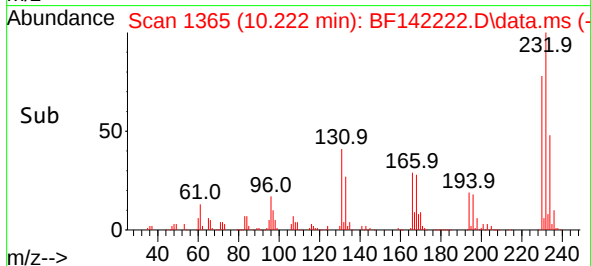
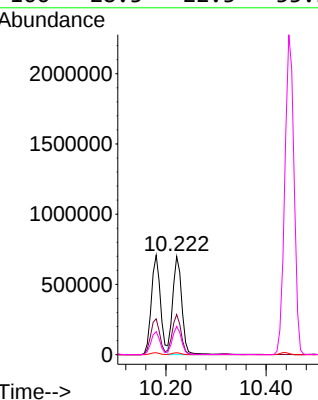
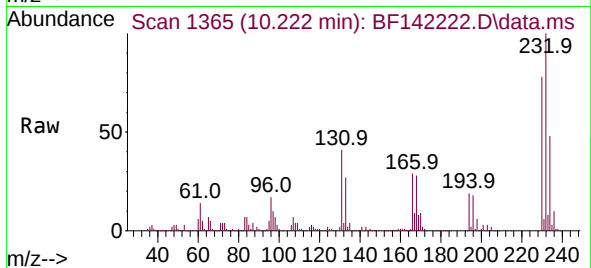
Ion Ratio Lower Upper

232 100

131 41.1 32.2 48.2

130 2.0 1.7 2.5

166 28.3 22.3 33.5



#60

Diethylphthalate

Concen: 49.291 ng

RT: 10.316 min Scan# 1381

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

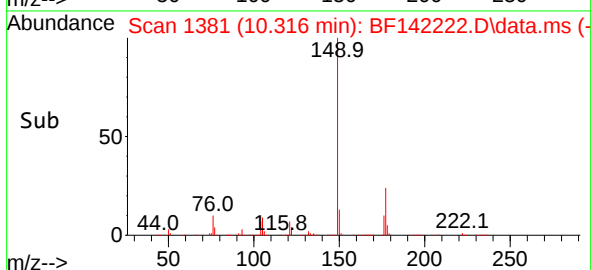
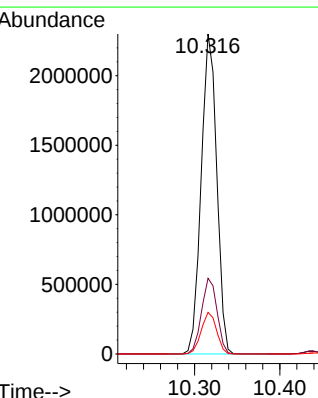
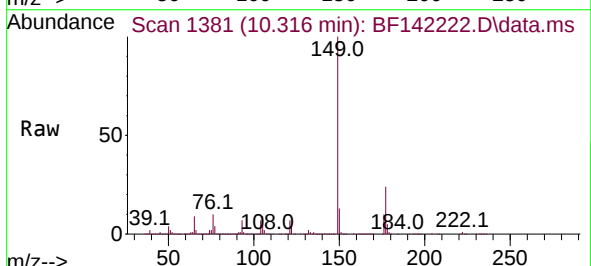
Tgt Ion:149 Resp: 2912052

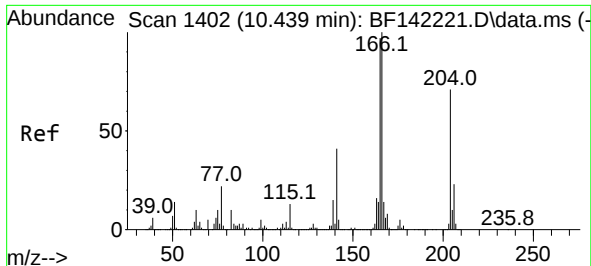
Ion Ratio Lower Upper

149 100

177 23.6 19.0 28.6

150 13.0 10.3 15.5

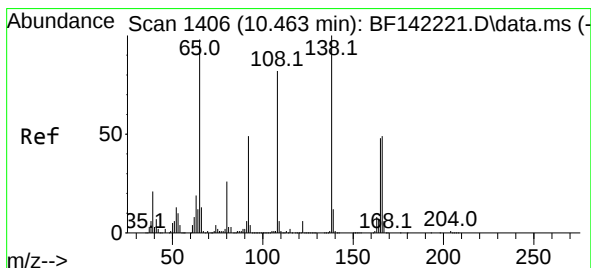
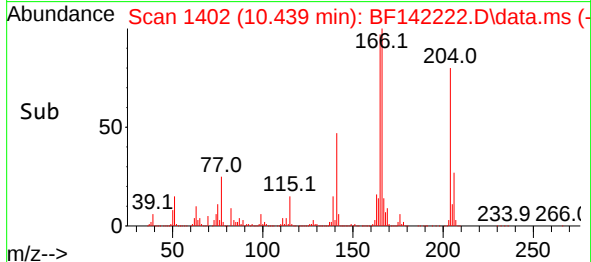
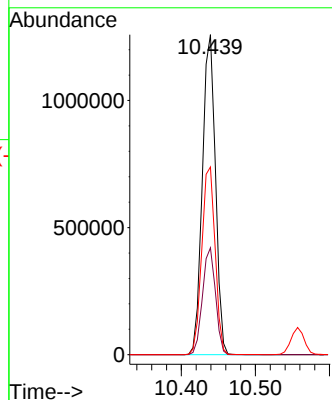
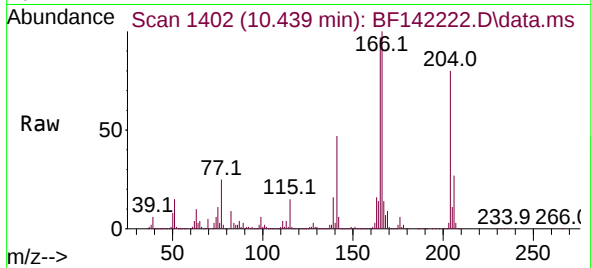




#61
4-Chlorophenyl-phenylether
Concen: 48.960 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

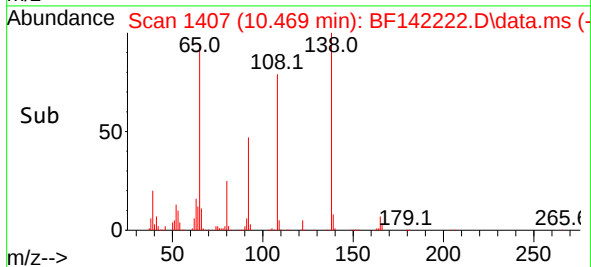
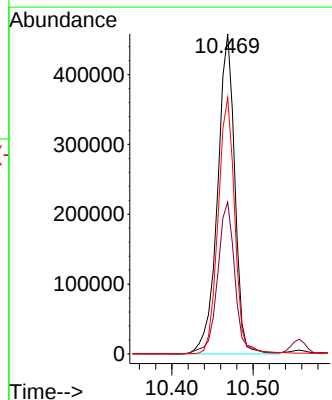
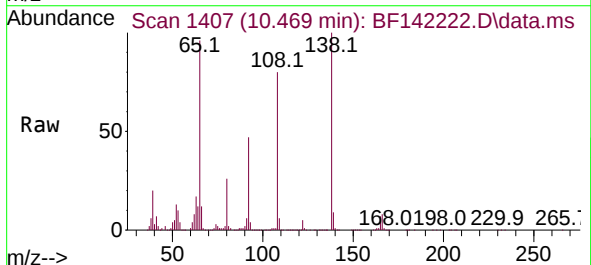
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

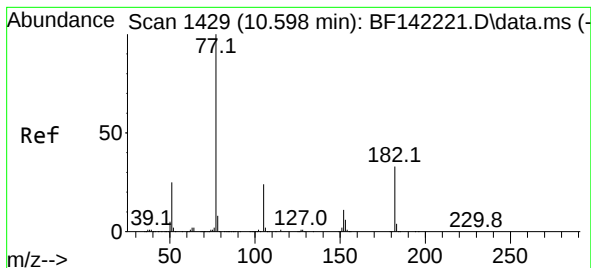
Tgt Ion:204 Resp: 1542786
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 58.6 46.4 69.6



#62
4-Nitroaniline
Concen: 50.939 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:138 Resp: 678405
Ion Ratio Lower Upper
138 100
92 47.5 29.3 69.3
108 80.1 61.6 101.6





#63

Azobenzene

Concen: 48.275 ng

RT: 10.598 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 2473712

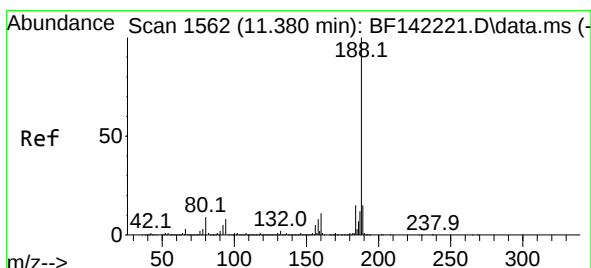
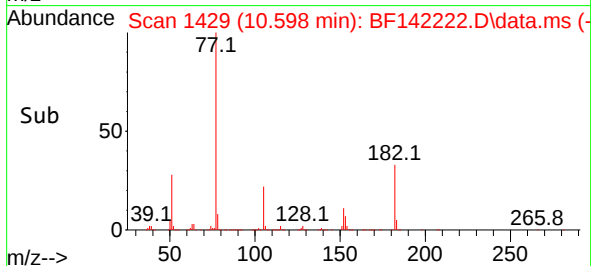
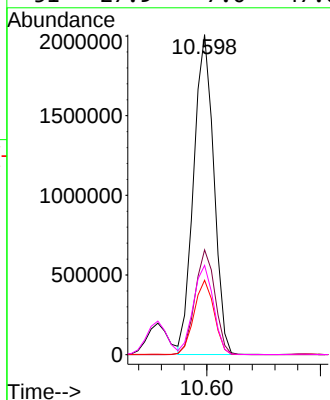
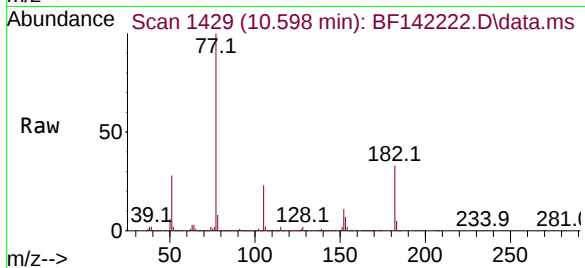
Ion Ratio Lower Upper

77 100

182 32.8 12.6 52.6

105 23.2 3.1 43.1

51 27.9 7.0 47.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1563

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

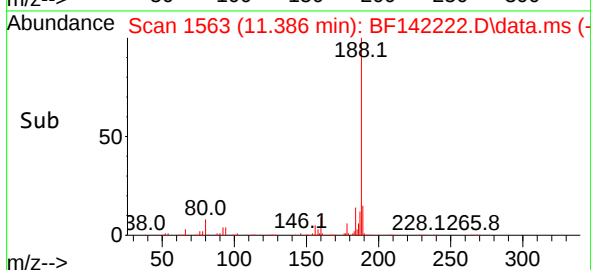
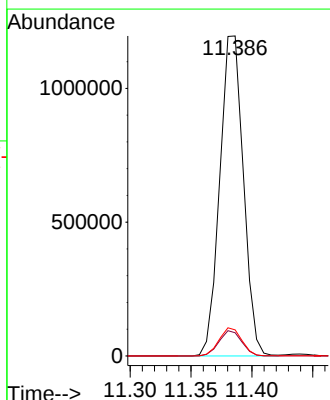
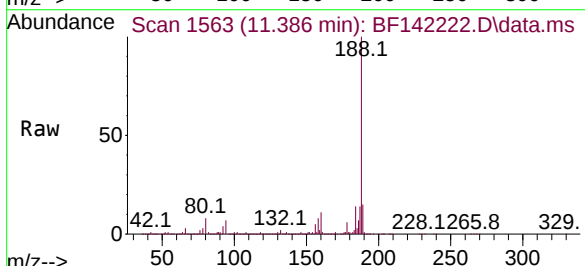
Tgt Ion:188 Resp: 1614771

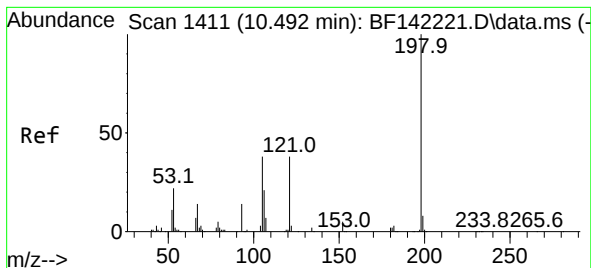
Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

80 8.1 7.0 10.6

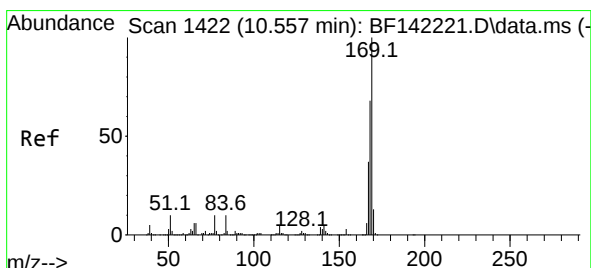
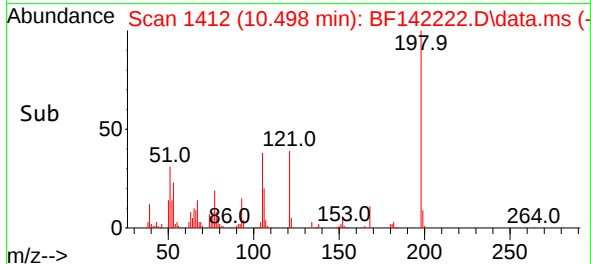
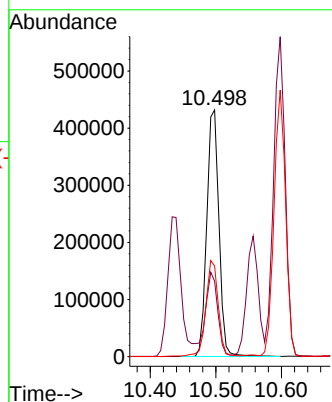
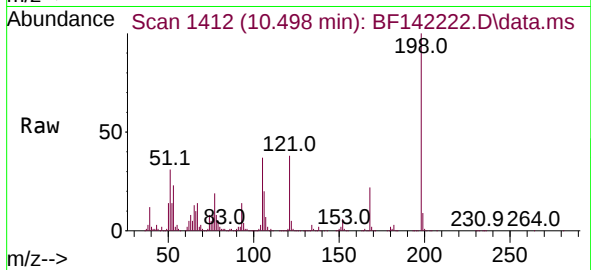




#65
4,6-Dinitro-2-methylphenol
Concen: 51.917 ng
RT: 10.498 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

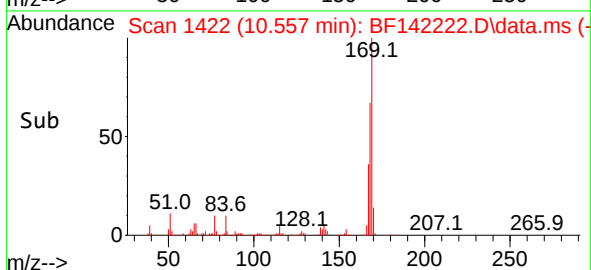
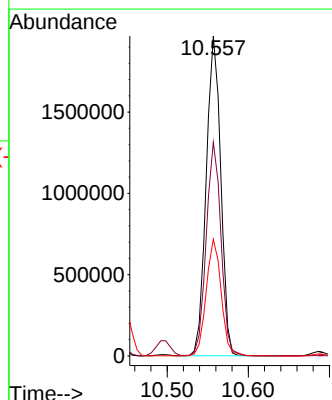
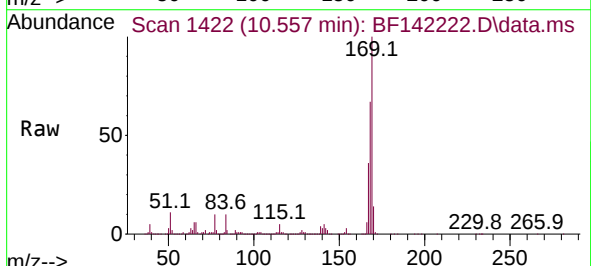
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

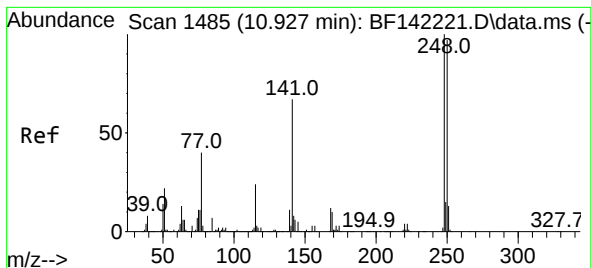
Tgt Ion:198 Resp: 559202
Ion Ratio Lower Upper
198 100
51 30.6 13.5 53.5
105 36.7 17.8 57.8



#66
n-Nitrosodiphenylamine
Concen: 49.182 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:169 Resp: 2440107
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.4
167 36.5 29.4 44.0

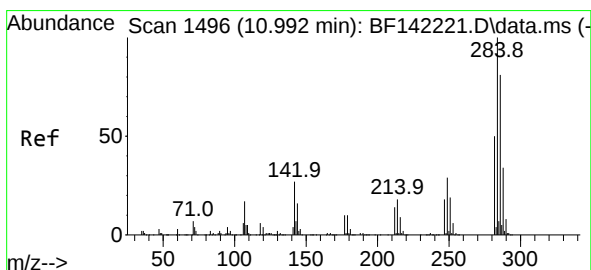
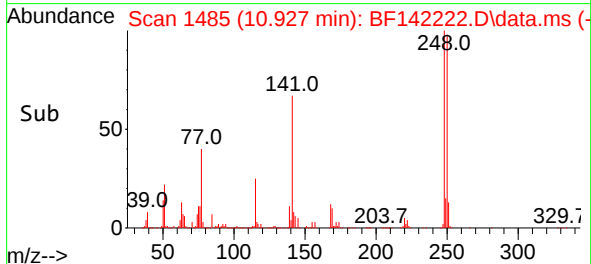
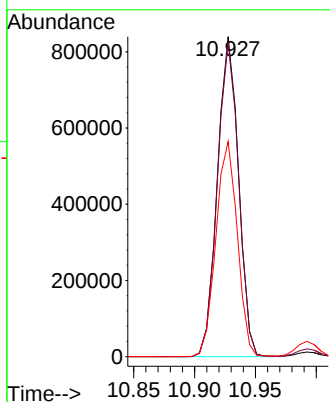
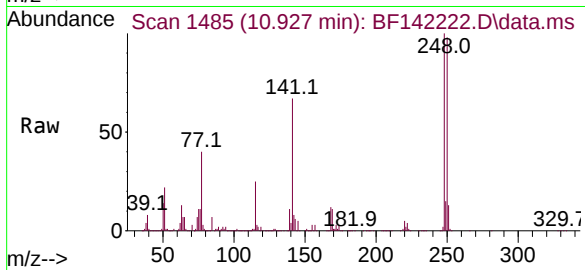




#67
4-Bromophenyl-phenylether
Concen: 50.184 ng
RT: 10.927 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

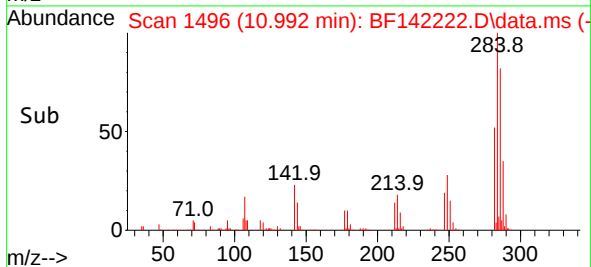
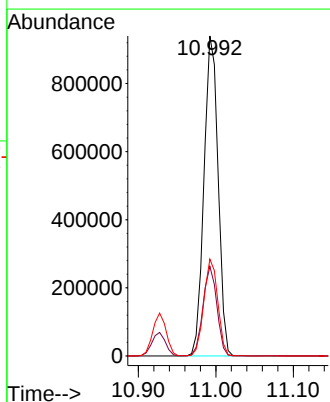
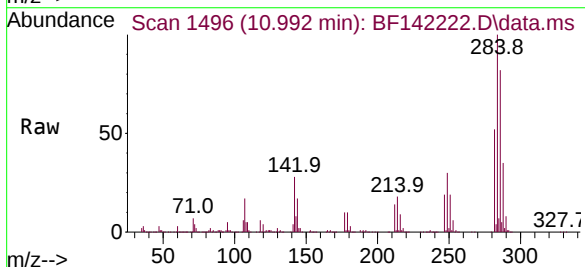
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

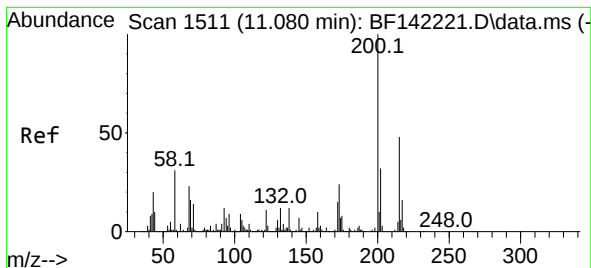
Tgt Ion:248 Resp: 1017098
Ion Ratio Lower Upper
248 100
250 98.1 77.9 116.9
141 67.2 53.3 79.9



#68
Hexachlorobenzene
Concen: 49.387 ng
RT: 10.992 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:284 Resp: 1188339
Ion Ratio Lower Upper
284 100
142 28.0 21.7 32.5
249 30.2 23.4 35.2





#69

Atrazine

Concen: 44.814 ng

RT: 11.080 min Scan# 1511

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

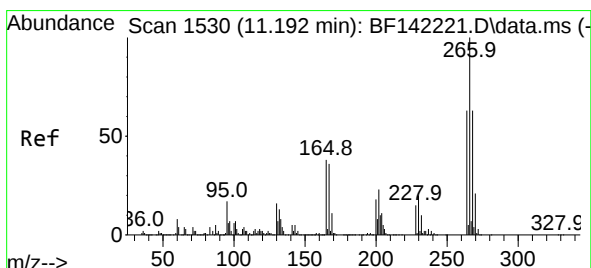
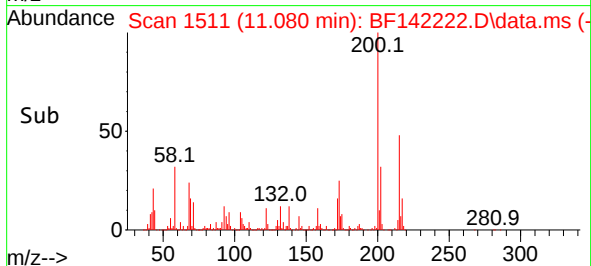
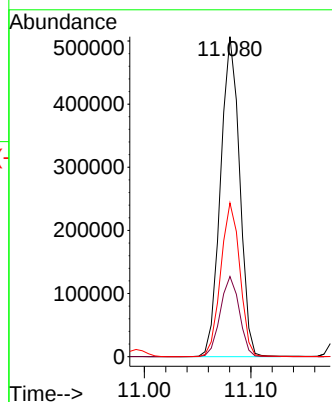
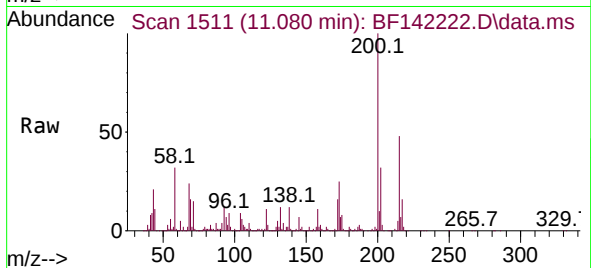
Tgt Ion:200 Resp: 630674

Ion Ratio Lower Upper

200 100

173 25.1 4.4 44.4

215 48.0 27.8 67.8



#70

Pentachlorophenol

Concen: 53.351 ng

RT: 11.192 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

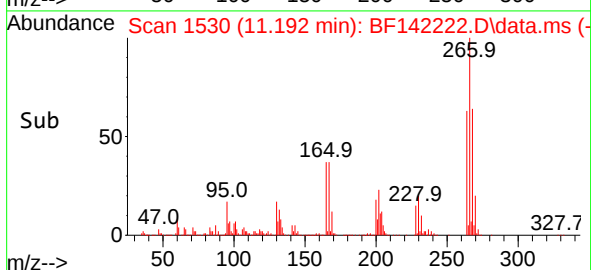
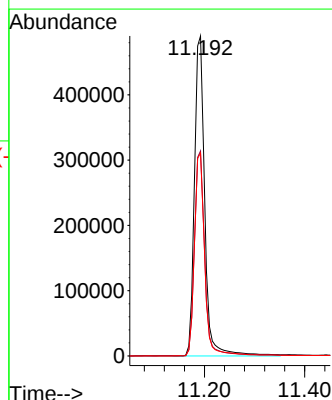
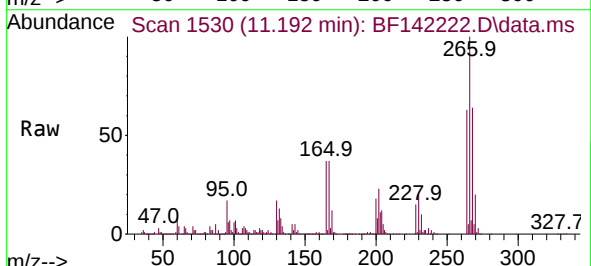
Tgt Ion:266 Resp: 699941

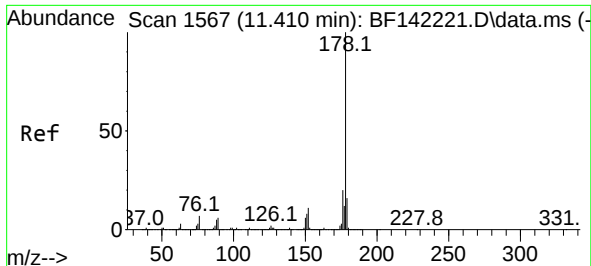
Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

264 63.5 50.2 75.2

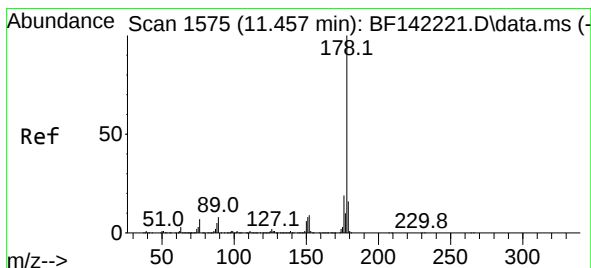
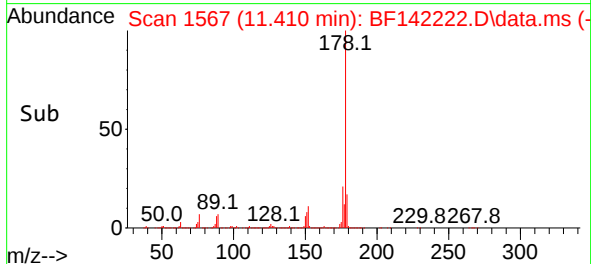
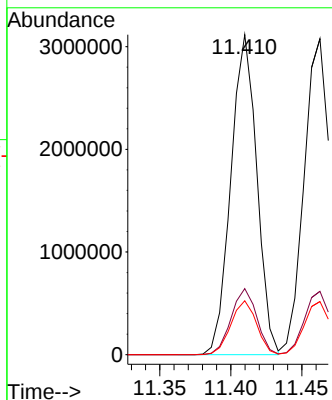
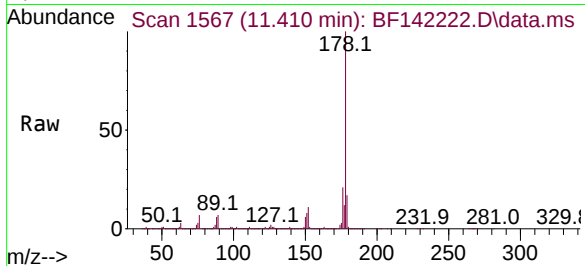




#71
Phenanthrene
Concen: 47.445 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

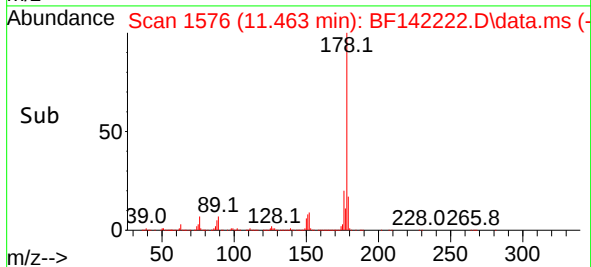
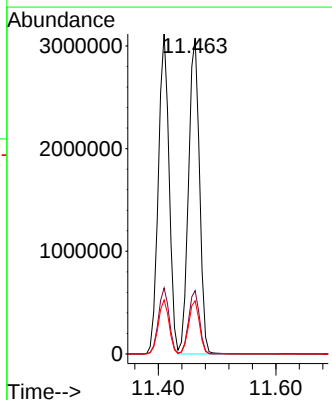
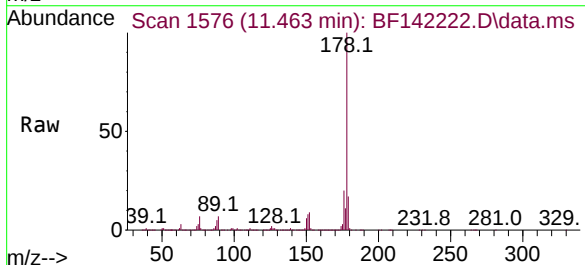
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

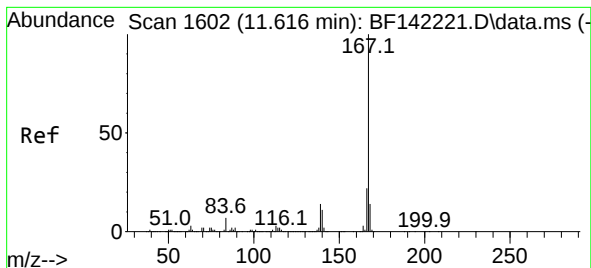
Tgt Ion:178 Resp: 3958435
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.9 13.0 19.6



#72
Anthracene
Concen: 47.628 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:178 Resp: 3973975
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 16.8 12.9 19.3





#73

Carbazole

Concen: 47.438 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

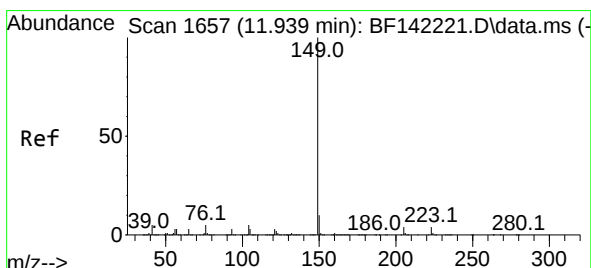
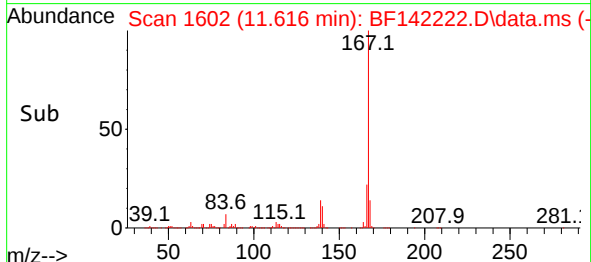
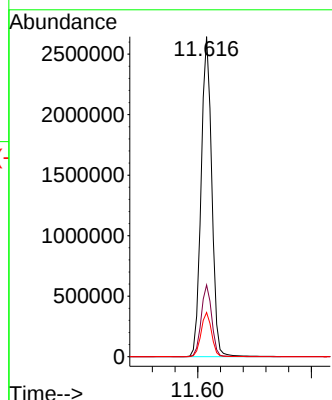
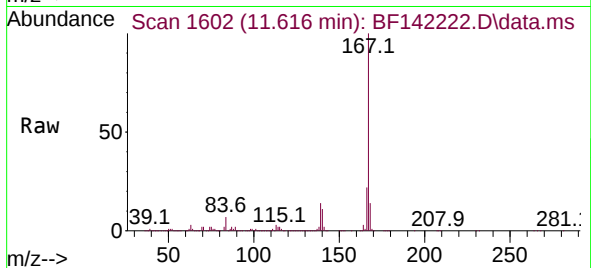
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:167 Resp: 3436934

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.8	11.0	16.4



#74

Di-n-butylphthalate

Concen: 47.844 ng

RT: 11.939 min Scan# 1657

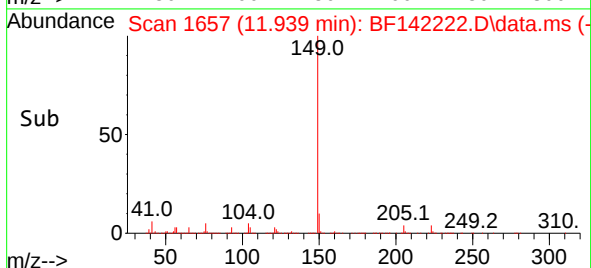
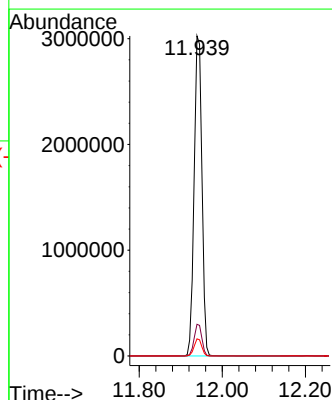
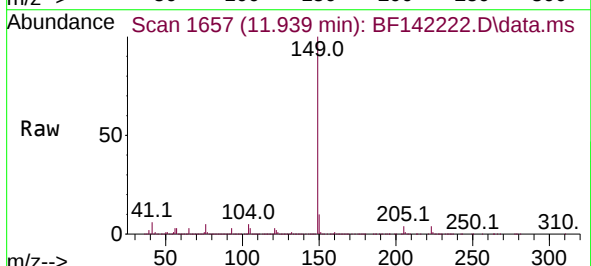
Delta R.T. 0.000 min

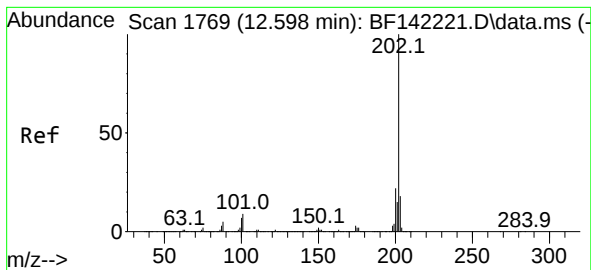
Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Tgt Ion:149 Resp: 3938908

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	5.3	4.1	6.1

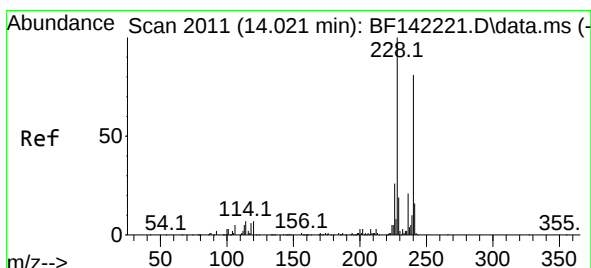
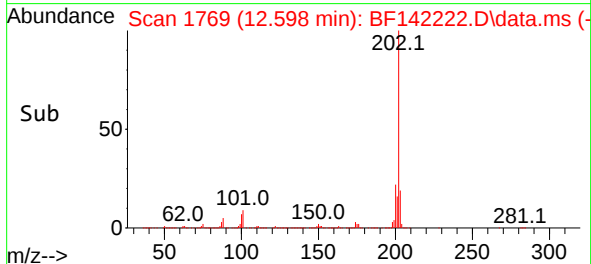
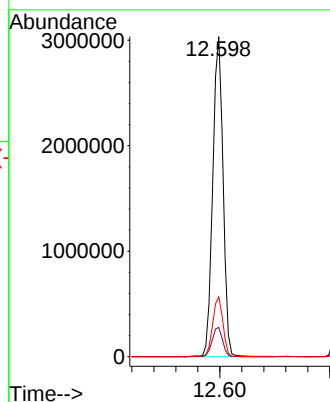
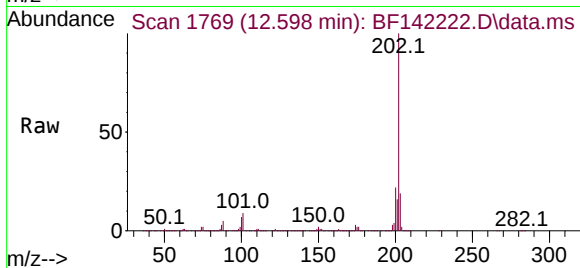




#75
Fluoranthene
Concen: 45.452 ng
RT: 12.598 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

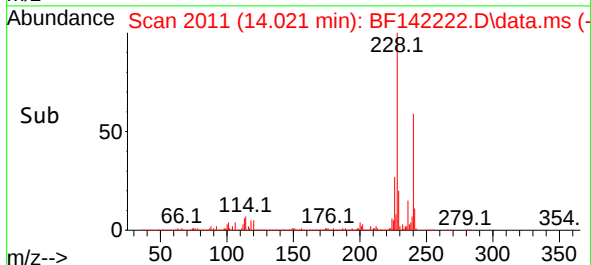
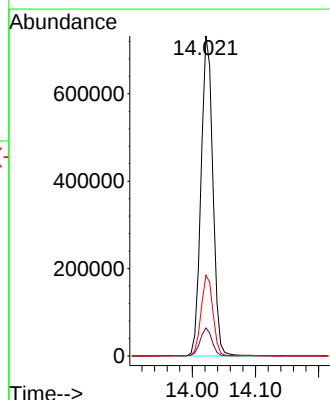
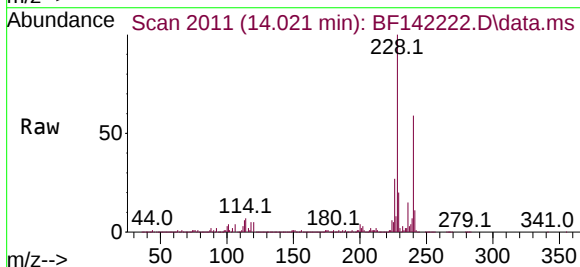
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

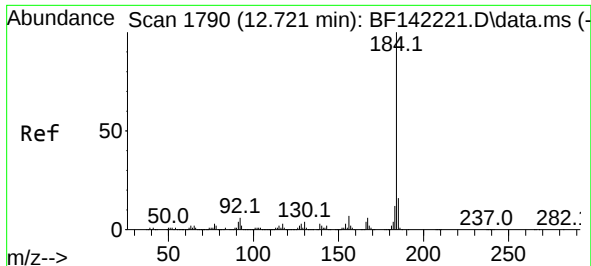
Tgt Ion:202 Resp: 3951515
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.0
203 18.7 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:240 Resp: 950128
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.2 20.4 30.6

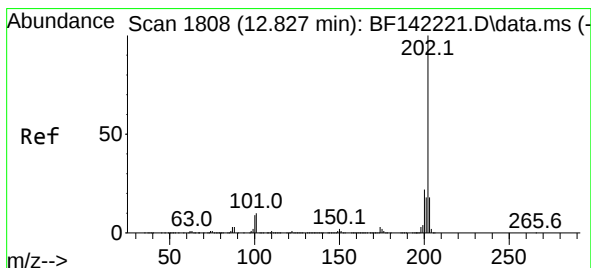
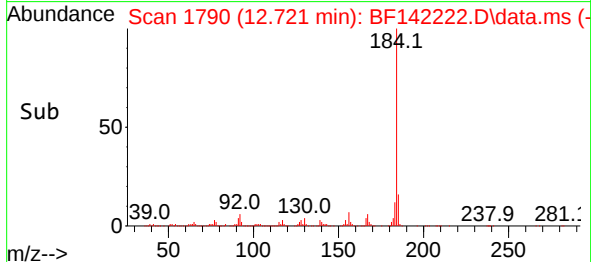
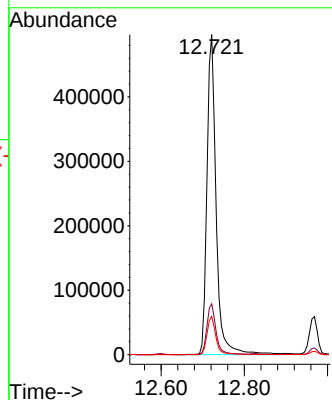
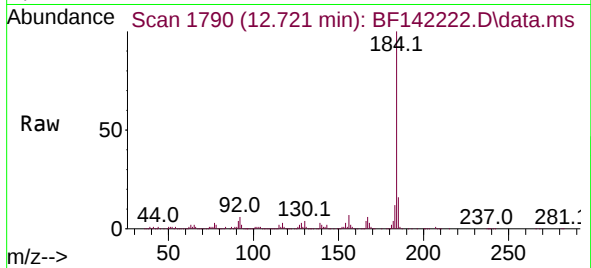




#77
Benzidine
Concen: 53.442 ng
RT: 12.721 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

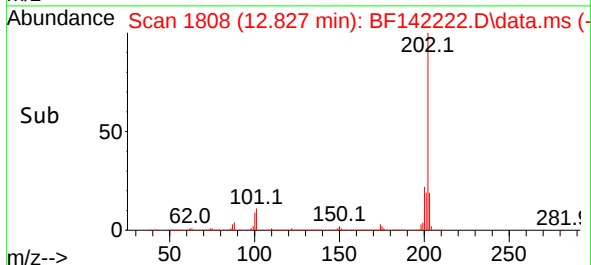
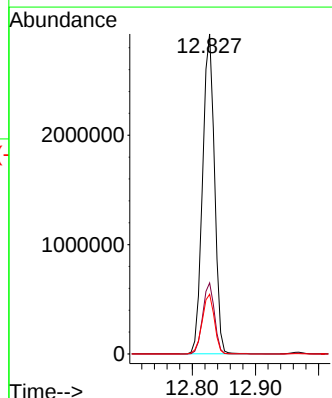
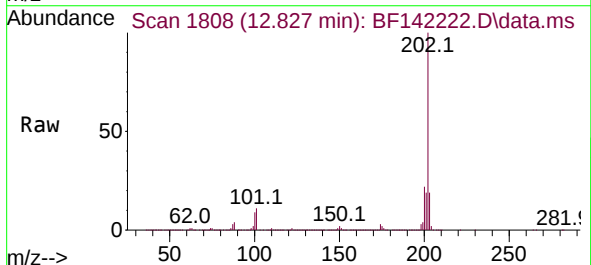
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

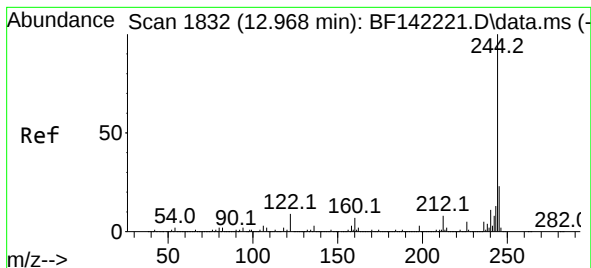
Tgt Ion:184 Resp: 757970
Ion Ratio Lower Upper
184 100
185 15.9 13.0 19.4
183 11.9 9.8 14.6



#78
Pyrene
Concen: 48.332 ng
RT: 12.827 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:202 Resp: 3833681
Ion Ratio Lower Upper
202 100
200 22.2 17.5 26.3
203 18.6 14.7 22.1





#79

Terphenyl-d14

Concen: 93.944 ng

RT: 12.969 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

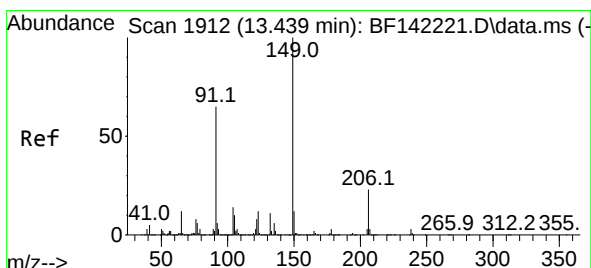
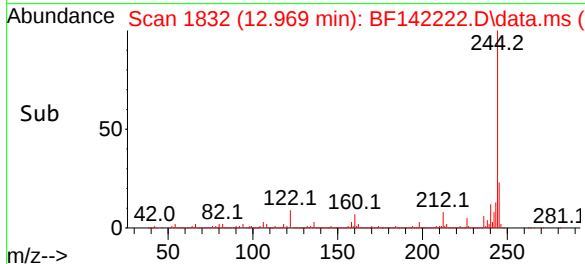
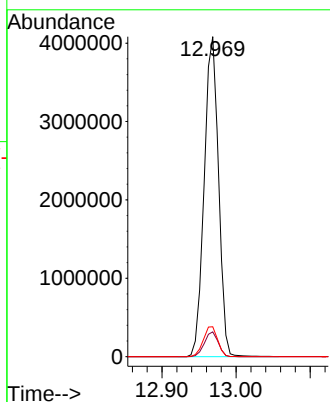
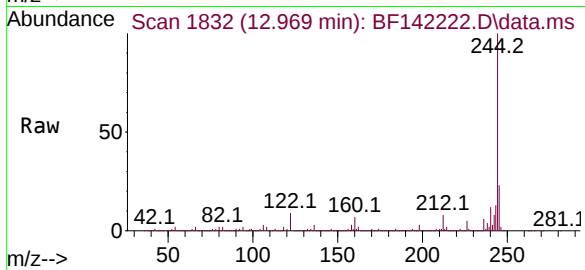
Tgt Ion:244 Resp: 5491903

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 9.3 7.3 10.9



#80

Butylbenzylphthalate

Concen: 50.066 ng

RT: 13.439 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

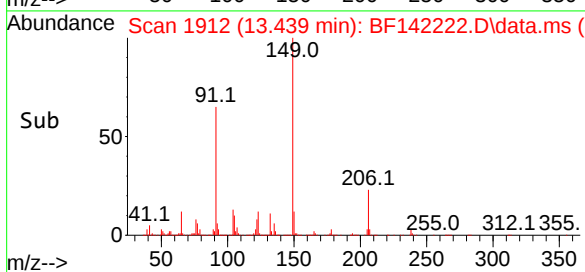
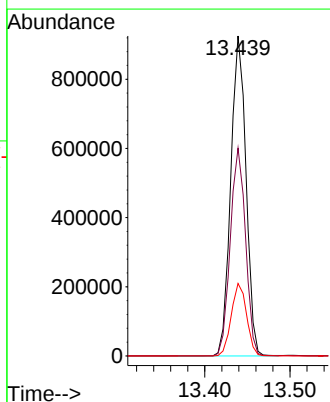
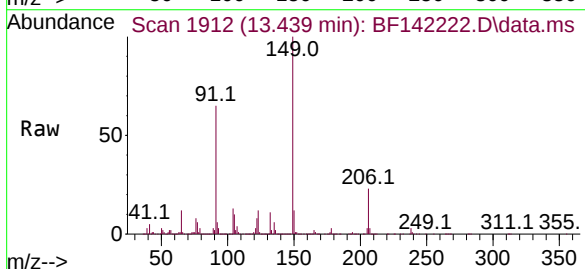
Tgt Ion:149 Resp: 1149791

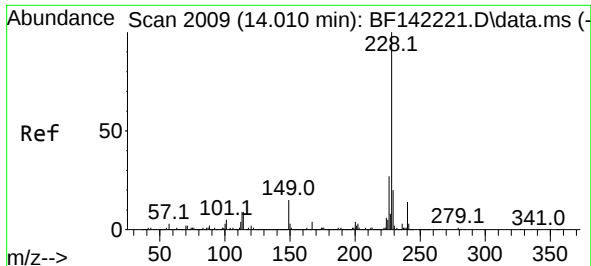
Ion Ratio Lower Upper

149 100

91 65.0 51.8 77.8

206 22.7 18.2 27.4

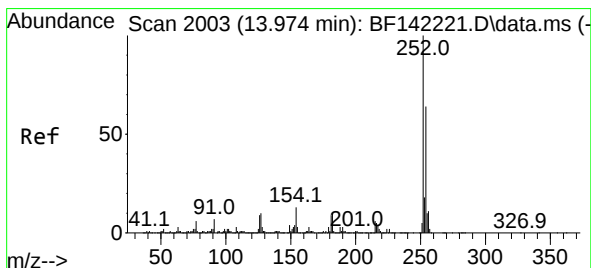
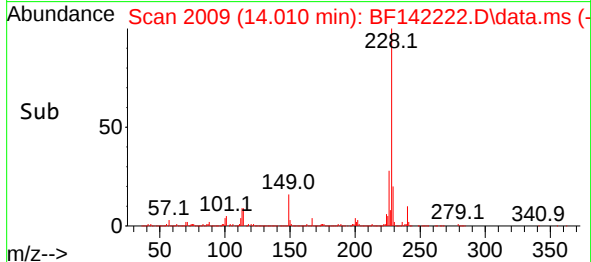
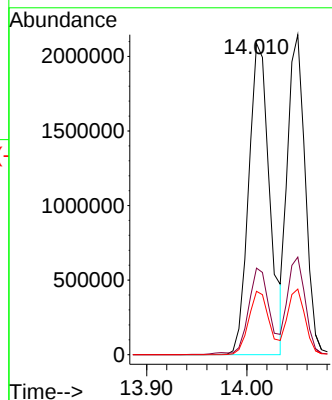
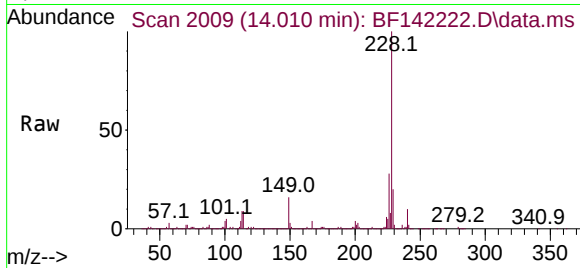




#81
Benzo(a)anthracene
Concen: 50.537 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

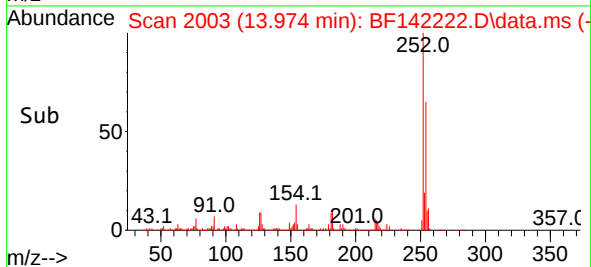
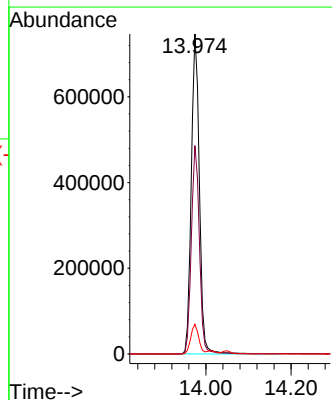
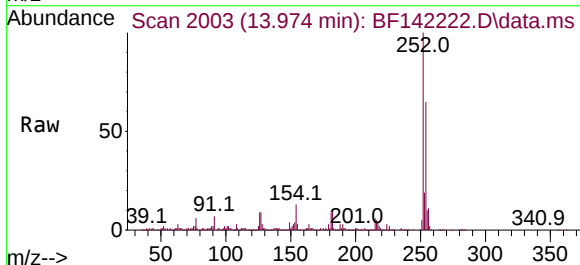
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

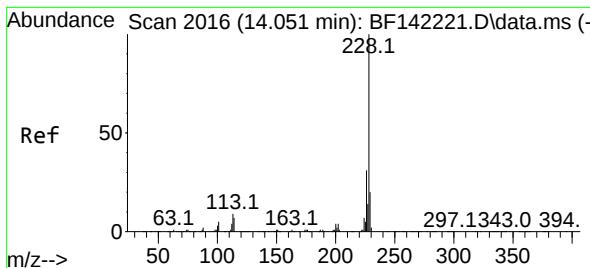
Tgt Ion:228 Resp: 3038972
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.4 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 53.816 ng
RT: 13.974 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF142222.D
Acq: 23 Apr 2025 13:15

Tgt Ion:252 Resp: 986233
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.4
126 9.2 7.2 10.8





#83

Chrysene

Concen: 47.612 ng

RT: 14.051 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

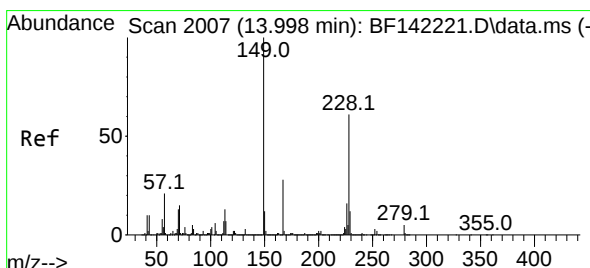
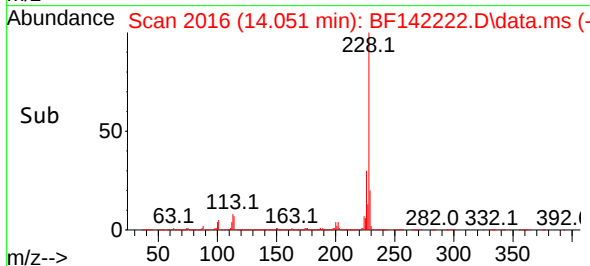
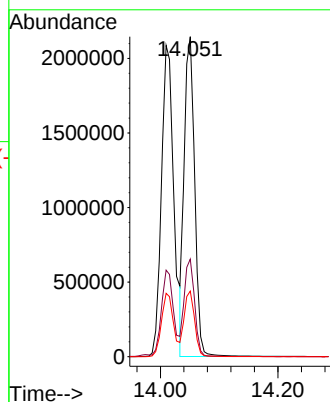
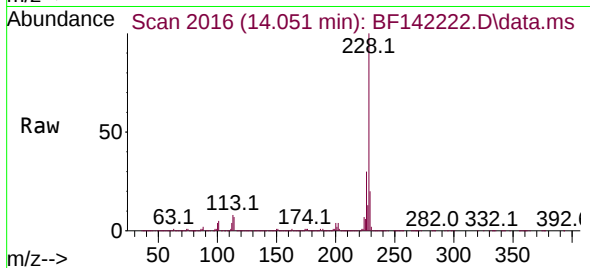
Tgt Ion:228 Resp: 2643316

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 20.5 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.882 ng

RT: 13.998 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

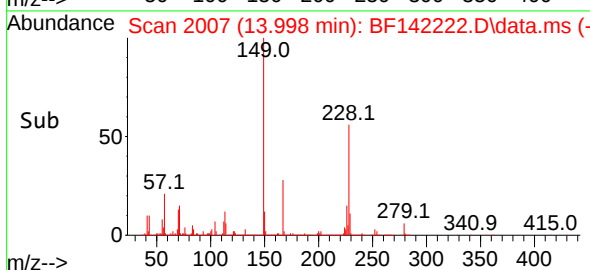
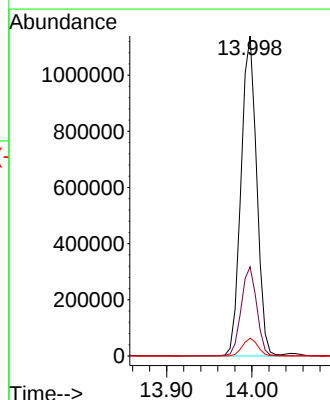
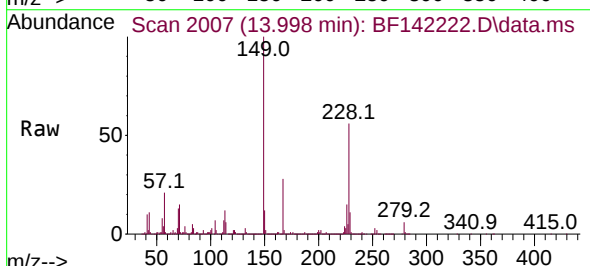
Tgt Ion:149 Resp: 1450019

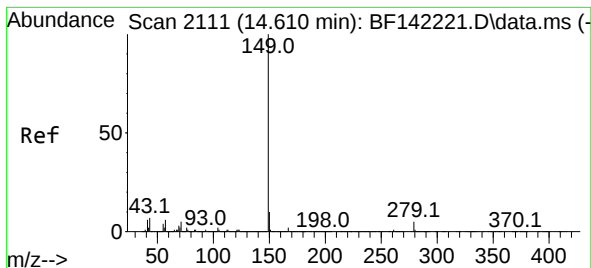
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 55.183 ng

RT: 14.610 min Scan# 2111

Delta R.T. -0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

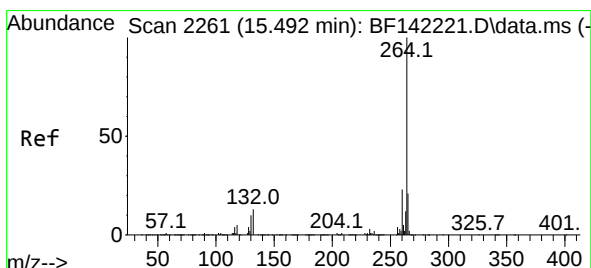
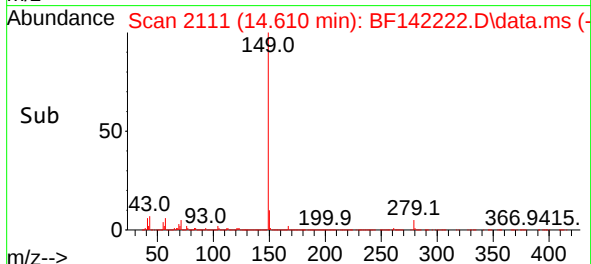
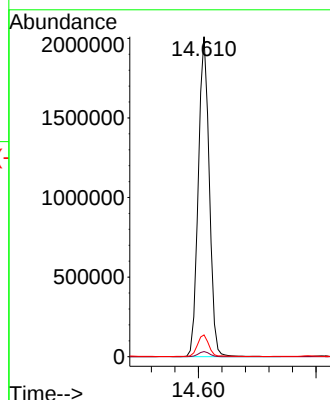
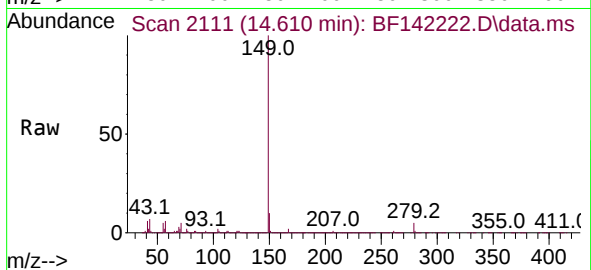
Tgt Ion:149 Resp: 2596936

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: BF142222.D

Acq: 23 Apr 2025 13:15

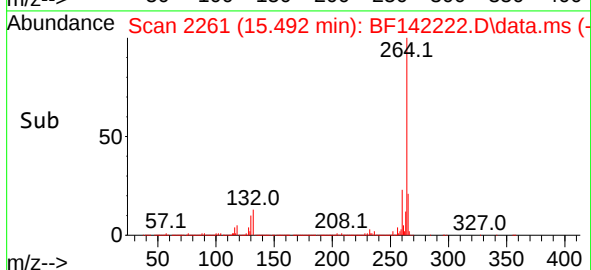
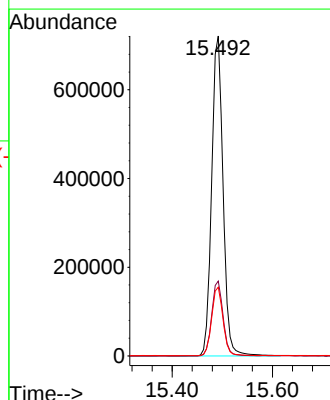
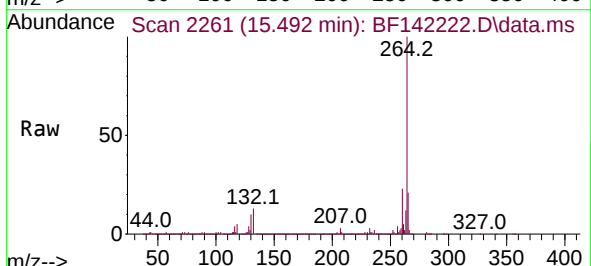
Tgt Ion:264 Resp: 1138279

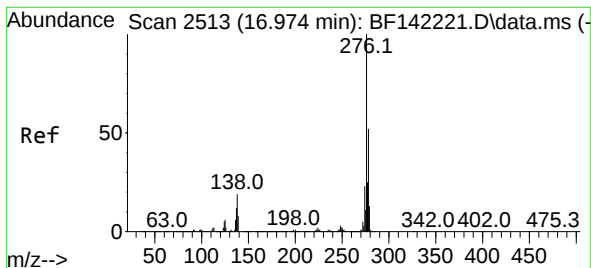
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.945 ng

RT: 16.980 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

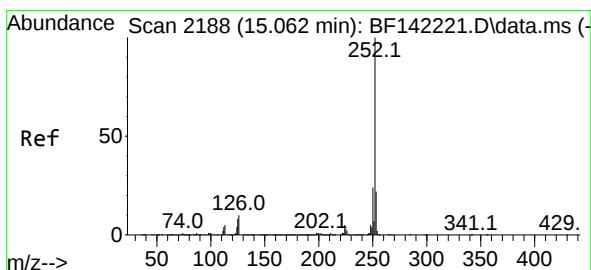
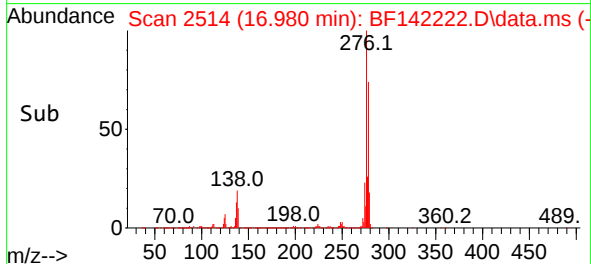
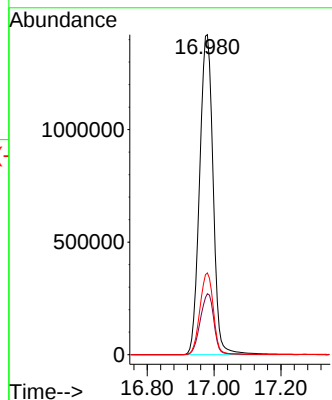
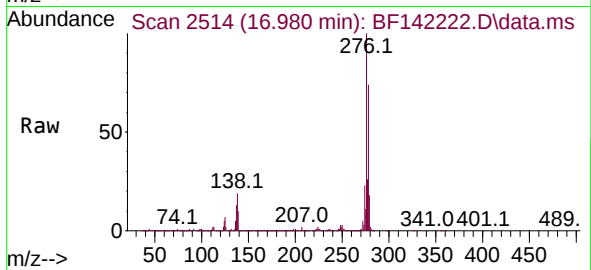
Tgt Ion:276 Resp: 3990923

Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.8

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 47.153 ng

RT: 15.062 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

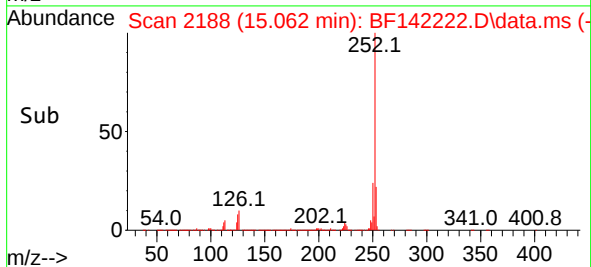
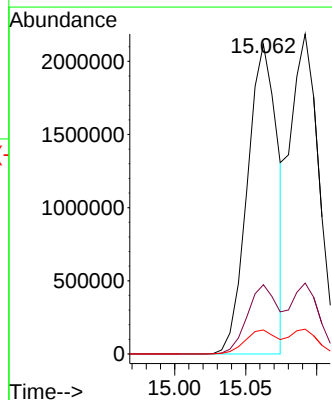
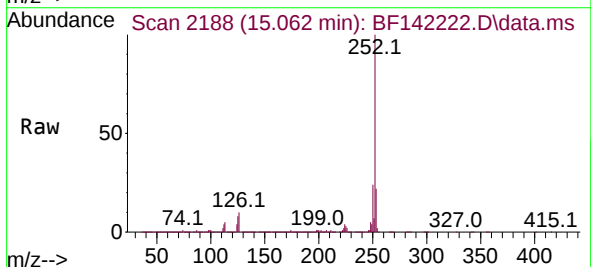
Tgt Ion:252 Resp: 3106636

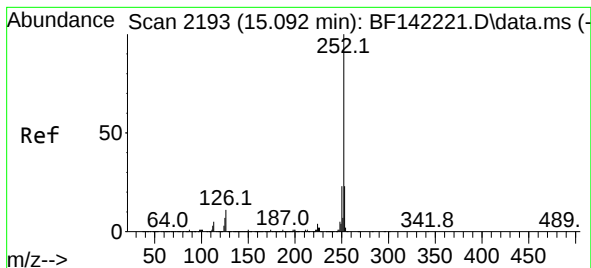
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 7.8 6.1 9.1





#89

Benzo(k)fluoranthene

Concen: 50.814 ng

RT: 15.092 min Scan# 2193

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

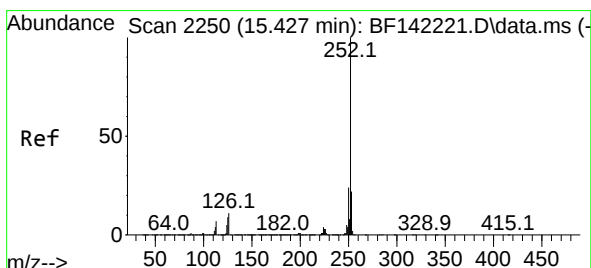
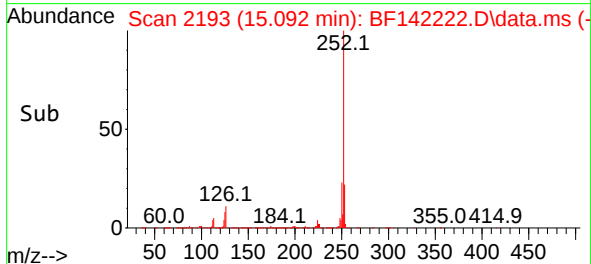
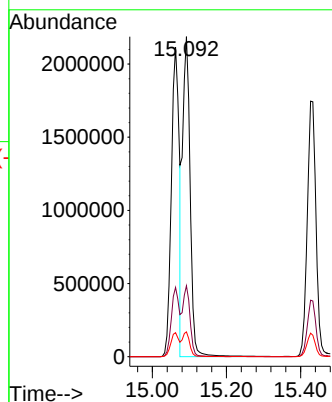
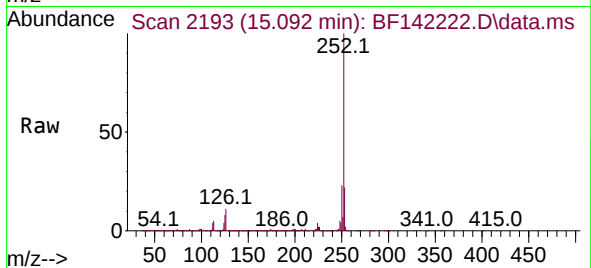
Tgt Ion:252 Resp: 3109278

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 7.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 49.124 ng

RT: 15.427 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

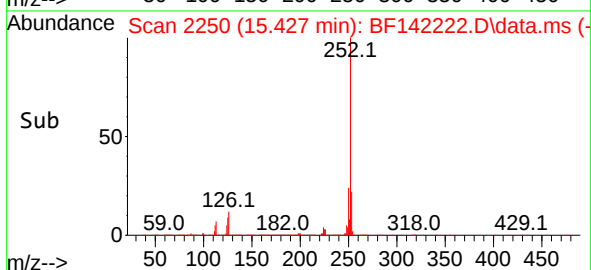
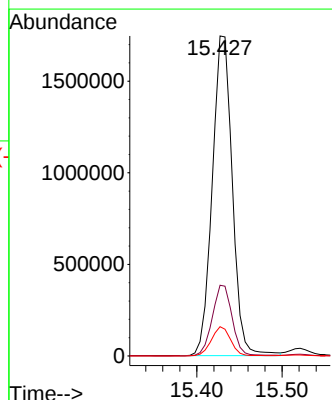
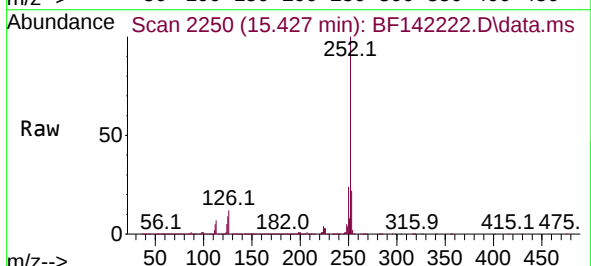
Tgt Ion:252 Resp: 2856226

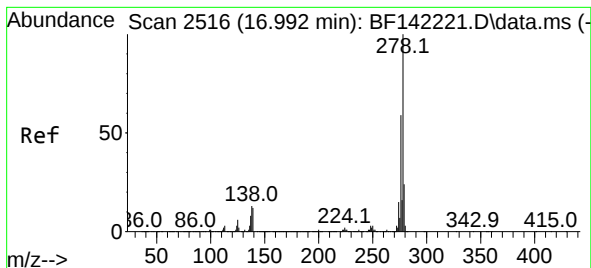
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.2 7.2 10.8





#91

Dibenzo(a,h)anthracene

Concen: 49.343 ng

RT: 16.992 min Scan# 2516

Delta R.T. 0.000 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

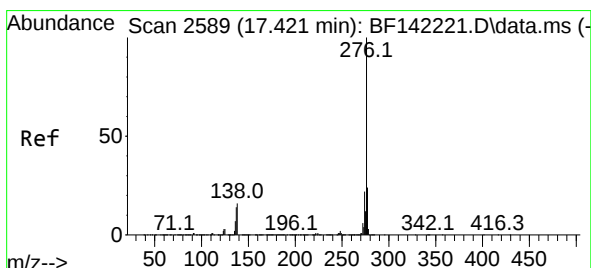
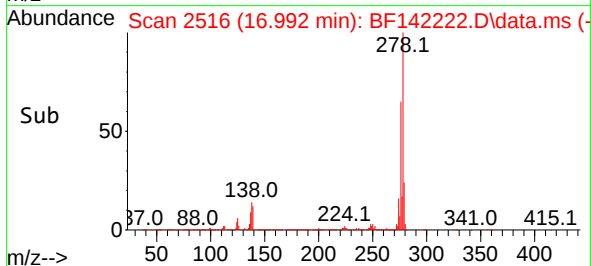
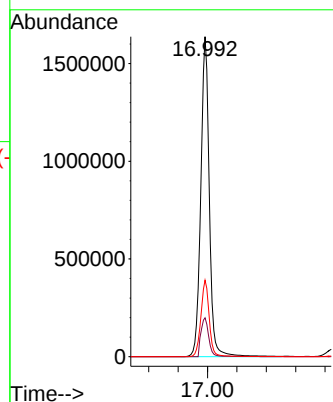
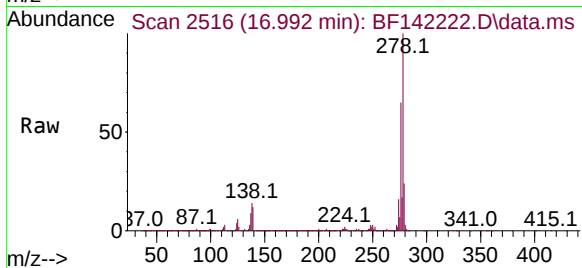
Tgt Ion:278 Resp: 3294933

Ion Ratio Lower Upper

278 100

139 12.2 9.7 14.5

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 48.779 ng

RT: 17.427 min Scan# 2590

Delta R.T. 0.006 min

Lab File: BF142222.D

Acq: 23 Apr 2025 13:15

Tgt Ion:276 Resp: 3380003

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 16.5 13.0 19.4

