

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142212.D
 Acq On : 22 Apr 2025 15:13
 Operator : RC/JU
 Sample : PB167672BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 15:45:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	442323	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	1715608	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	967073	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1611136	20.000	ng	0.00
76) Chrysene-d12	14.033	240	909574	20.000	ng	0.00
86) Perylene-d12	15.509	264	1121405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2134167	90.459	ng	0.02
7) Phenol-d6	6.498	99	2656943	89.925	ng	0.00
23) Nitrobenzene-d5	7.434	82	2553798	93.486	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	1200976	90.829	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	5232587	88.191	ng	0.00
79) Terphenyl-d14	12.974	244	5253181	96.756	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	358880	37.475	ng	97
3) Pyridine	3.469	79	953931	45.893	ng	99
4) n-Nitrosodimethylamine	3.422	42	410384	48.624	ng	# 97
6) Aniline	6.528	93	1108898	40.646	ng	# 88
8) 2-Chlorophenol	6.651	128	1319027	48.843	ng	98
9) Benzaldehyde	6.416	77	645187	39.773	ng	99
10) Phenol	6.510	94	1514821	48.608	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	1084036	46.127	ng	99
12) 1,3-Dichlorobenzene	6.810	146	1454111	47.516	ng	100
13) 1,4-Dichlorobenzene	6.887	146	1451561	46.248	ng	100
14) 1,2-Dichlorobenzene	7.034	146	1399109	47.917	ng	98
15) Benzyl Alcohol	7.010	79	1051306	48.800	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1088845	47.800	ng	92
17) 2-Methylphenol	7.122	107	1043285	51.330	ng	97
18) Hexachloroethane	7.381	117	534909	50.167	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	808846	48.411	ng	100
20) 3+4-Methylphenols	7.275	107	1276816	50.510	ng	91
22) Acetophenone	7.275	105	1728652	45.904	ng	96
24) Nitrobenzene	7.451	77	1282511	47.389	ng	100
25) Isophorone	7.686	82	2301056	50.181	ng	99
26) 2-Nitrophenol	7.763	139	726011	51.035	ng	95
27) 2,4-Dimethylphenol	7.804	122	1203141	65.045	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	1428156	47.454	ng	99
29) 2,4-Dichlorophenol	8.010	162	1170779	46.539	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	1337110	45.451	ng	99
31) Naphthalene	8.169	128	3678051	45.384	ng	100
32) Benzoic acid	7.928	122	726069	43.260	ng	97
33) 4-Chloroaniline	8.216	127	364711	12.428	ng	99
34) Hexachlorobutadiene	8.286	225	895789	46.140	ng	99
35) Caprolactam	8.592	113	230926	34.410	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	1190880	47.026	ng	99
37) 2-Methylnaphthalene	8.863	142	2350967	41.974	ng	99
38) 1-Methylnaphthalene	8.963	142	2432087	44.847	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1413806	44.681	ng	# 98
41) Hexachlorocyclopentadiene	9.016	237	1933489	199.269	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	897913	48.605	ng	99

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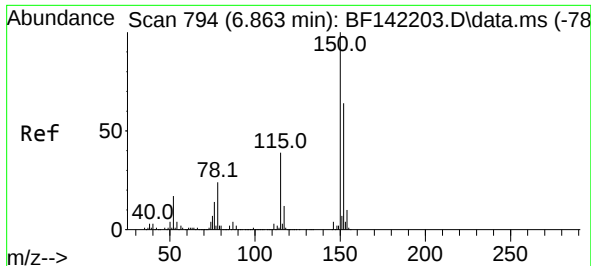
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 02:14:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	940526	47.498	ng	98
46) 1,1'-Biphenyl	9.328	154	3179172	45.845	ng	100
47) 2-Chloronaphthalene	9.351	162	2520398	46.824	ng	100
48) 2-Nitroaniline	9.451	65	632449	50.126	ng	97
49) Acenaphthylene	9.769	152	3766987	49.512	ng	100
50) Dimethylphthalate	9.628	163	2947852	47.542	ng	100
51) 2,6-Dinitrotoluene	9.692	165	656963	47.192	ng	98
52) Acenaphthene	9.939	154	2463195	44.927	ng	100
53) 3-Nitroaniline	9.857	138	280708	21.045	ng	91
54) 2,4-Dinitrophenol	9.969	184	798731	117.147	ng	97
55) Dibenzofuran	10.110	168	3428638	44.607	ng	98
56) 4-Nitrophenol	10.027	139	935141	95.841	ng	96
57) 2,4-Dinitrotoluene	10.098	165	910889	50.661	ng	95
58) Fluorene	10.457	166	2759497	46.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	843628	47.654	ng	99
60) Diethylphthalate	10.327	149	2750816	47.510	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	1503086	45.912	ng	99
62) 4-Nitroaniline	10.475	138	574789	45.336	ng	94
63) Azobenzene	10.604	77	2340482	46.423	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	523681	55.684	ng	97
66) n-Nitrosodiphenylamine	10.563	169	2408498	48.776	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	1004102	47.389	ng	96
68) Hexachlorobenzene	11.004	284	1175895	46.635	ng	99
69) Atrazine	11.092	200	828105	68.721	ng	98
70) Pentachlorophenol	11.198	266	1240177	96.413	ng	99
71) Phenanthrene	11.422	178	3869590	48.366	ng	100
72) Anthracene	11.469	178	3983737	49.798	ng	100
73) Carbazole	11.621	167	3262787	46.685	ng	99
74) Di-n-butylphthalate	11.951	149	3600759	49.778	ng	100
75) Fluoranthene	12.604	202	3701689	44.510	ng	99
77) Benzidine	12.727	184	594934	50.686	ng	100
78) Pyrene	12.833	202	3608456	49.951	ng	100
80) Butylbenzylphthalate	13.451	149	1030935	58.960	ng	99
81) Benzo(a)anthracene	14.021	228	2686778	48.770	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	315378	19.224	ng	99
83) Chrysene	14.063	228	2566006	48.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1379037	58.953	ng	99
85) Di-n-octyl phthalate	14.621	149	2587646	62.457	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	3903112	49.608	ng	100
88) Benzo(b)fluoranthene	15.074	252	3111306	49.453	ng	100
89) Benzo(k)fluoranthene	15.104	252	2694376	43.360	ng	99
90) Benzo(a)pyrene	15.445	252	2907359	51.636	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	3197610	49.821	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3152960	47.166	ng	100

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

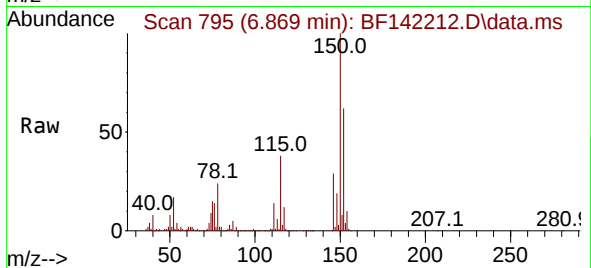
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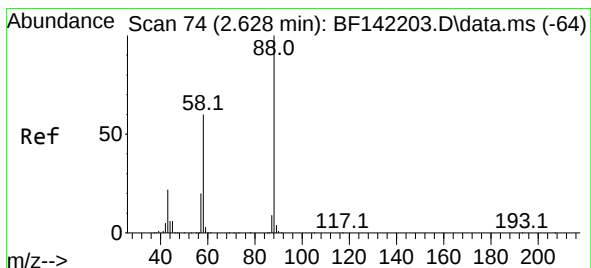
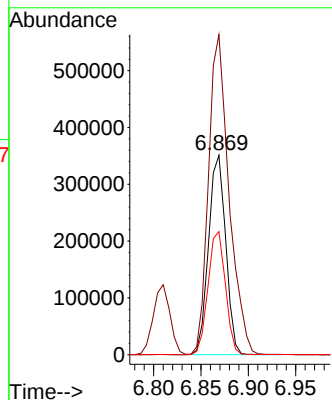
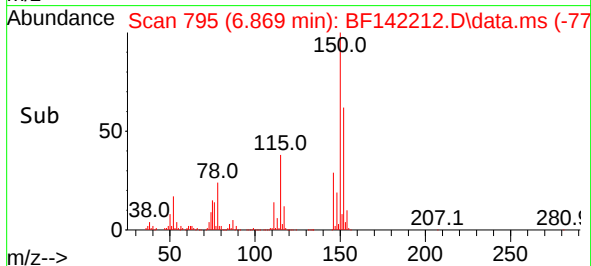


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

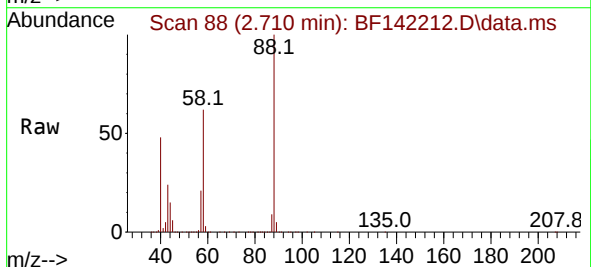
Instrument :
 BNA_F
 ClientSampleId :



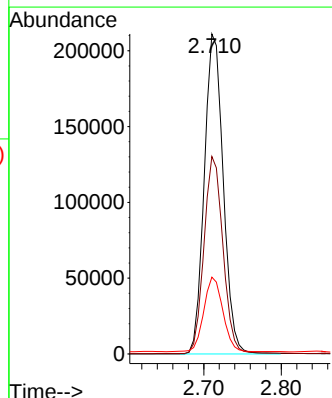
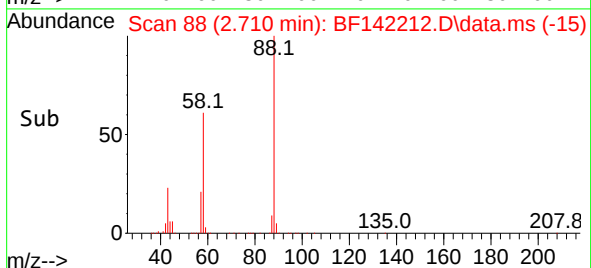
Tgt Ion:152 Resp: 442323
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.4 189.6
 115 61.7 49.4 74.2

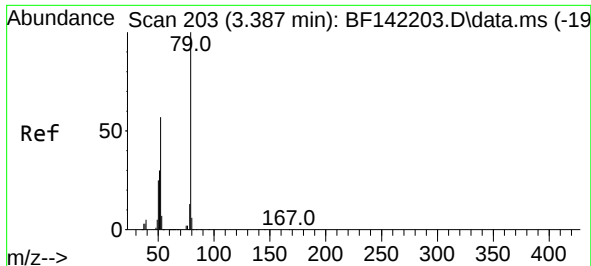


#2
 1,4-Dioxane
 Concen: 37.475 ng
 RT: 2.710 min Scan# 88
 Delta R.T. 0.082 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13



Tgt Ion: 88 Resp: 358880
 Ion Ratio Lower Upper
 88 100
 58 61.5 47.8 71.6
 43 23.9 17.8 26.8

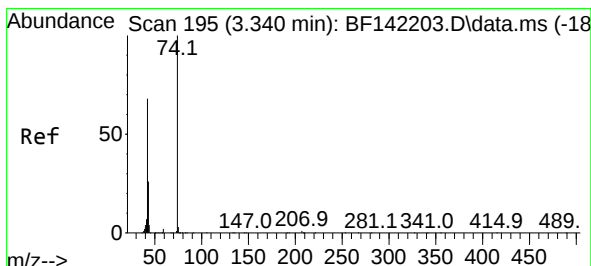
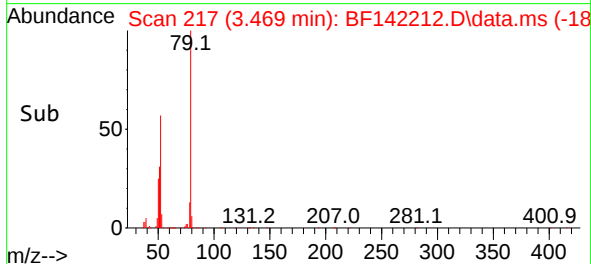
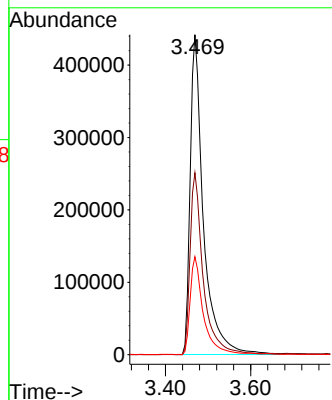
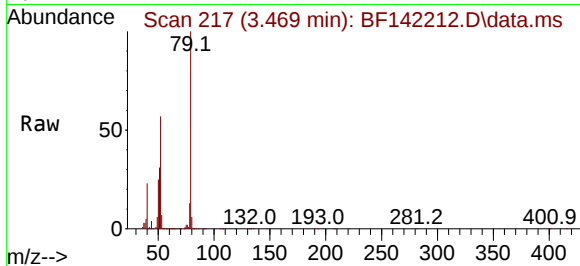




#3
Pyridine
Concen: 45.893 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.082 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

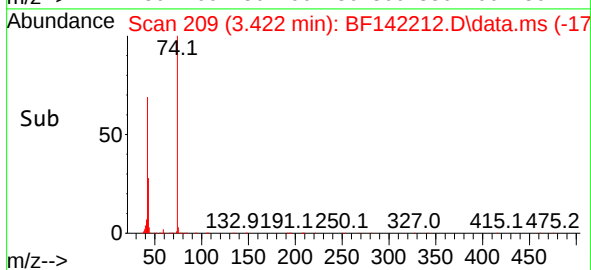
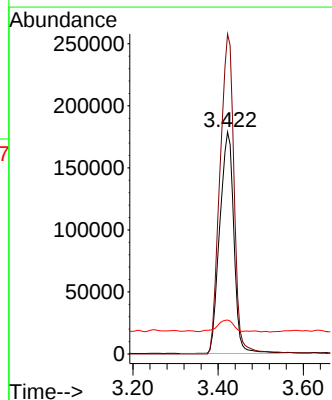
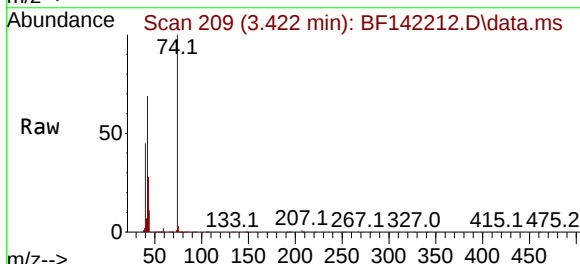
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BNA_F
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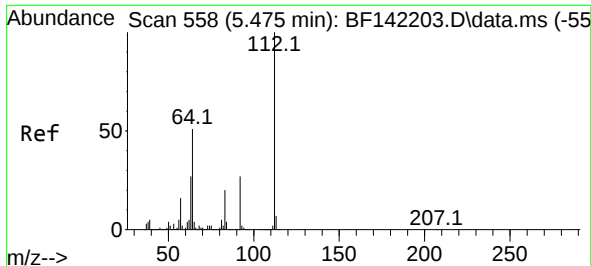
Tgt Ion: 79 Resp: 953931
Ion Ratio Lower Upper
79 100
52 56.8 45.8 68.8
51 30.6 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 48.624 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.082 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

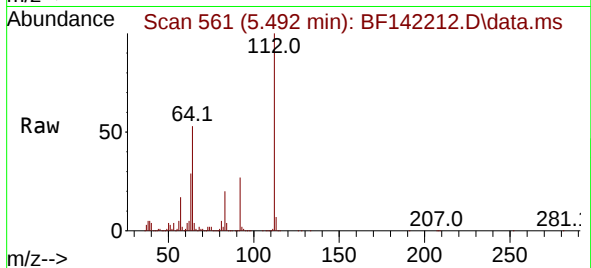
Tgt Ion: 42 Resp: 410384
Ion Ratio Lower Upper
42 100
74 144.2 117.4 176.0
44 15.3 9.5 14.3



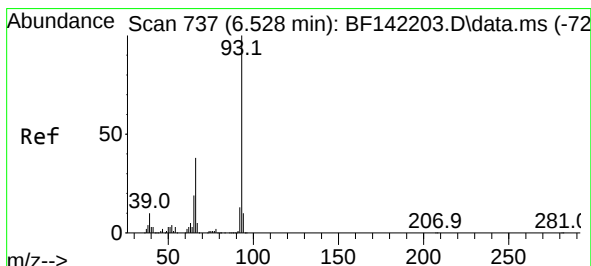
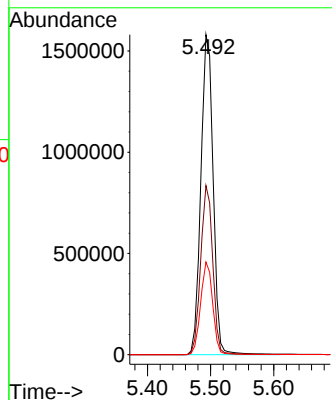
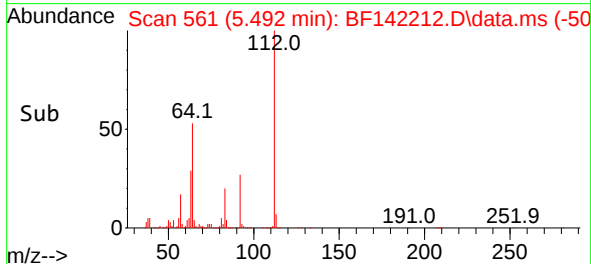


#5
2-Fluorophenol
Concen: 90.459 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

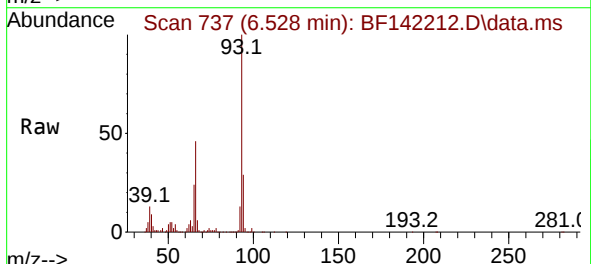
Instrument :
BNA_F
ClientSampleId :



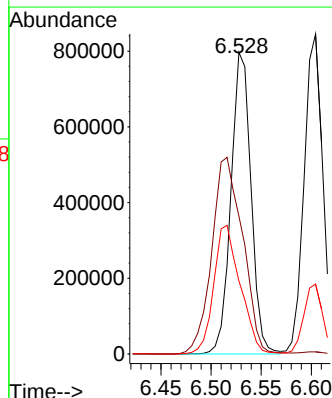
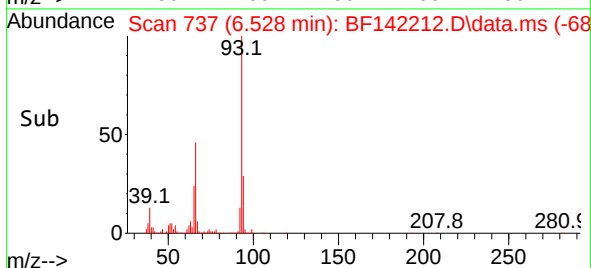
Tgt Ion:112 Resp: 2134167
Ion Ratio Lower Upper
112 100
64 52.9 40.9 61.3
63 28.9 22.0 33.0

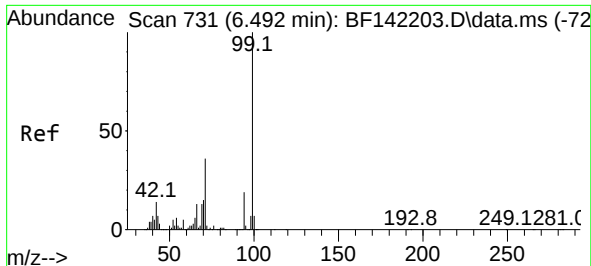


#6
Aniline
Concen: 40.646 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



Tgt Ion: 93 Resp: 1108898
Ion Ratio Lower Upper
93 100
66 45.7 30.9 46.3
65 24.2 15.1 22.7#

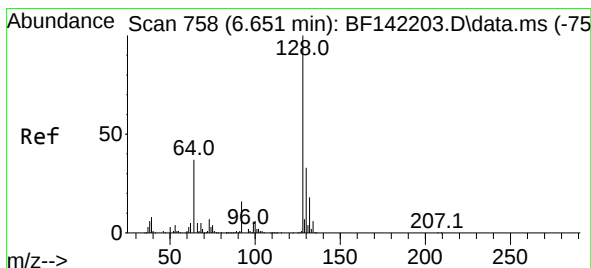
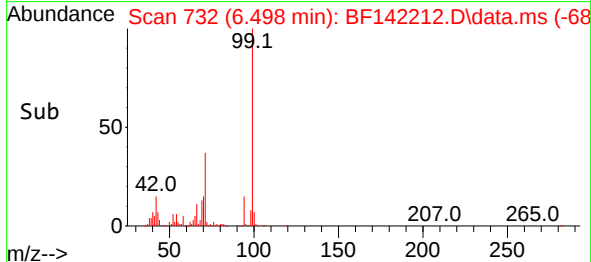
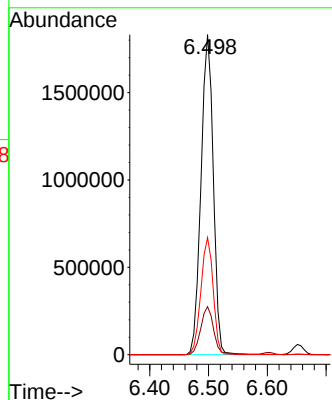
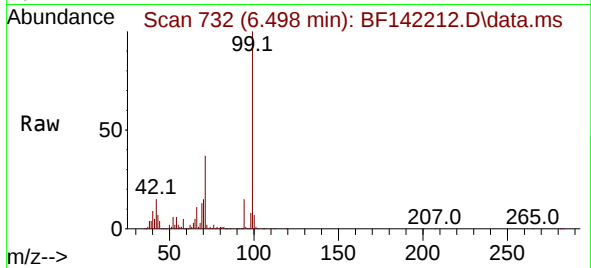




#7
Phenol-d6
Concen: 89.925 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

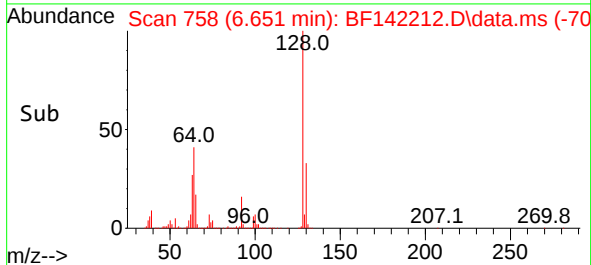
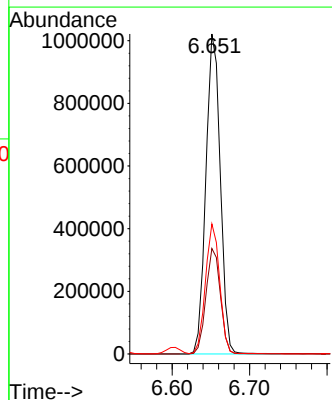
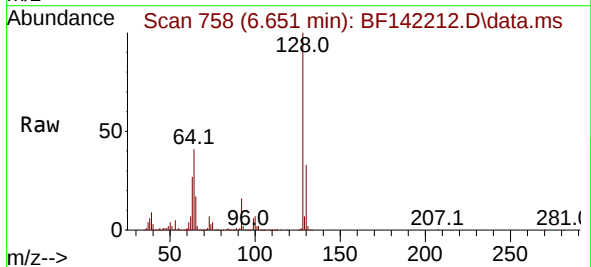
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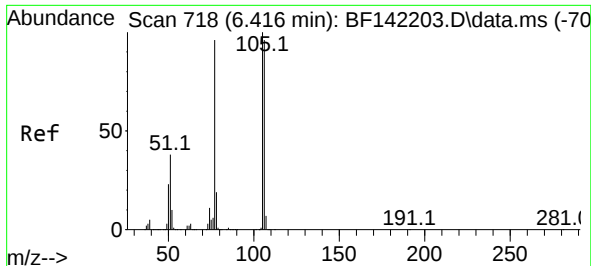
Tgt Ion: 99 Resp: 2656943
Ion Ratio Lower Upper
99 100
42 15.0 11.5 17.3
71 36.6 28.6 42.8



#8
2-Chlorophenol
Concen: 48.843 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:128 Resp: 1319027
Ion Ratio Lower Upper
128 100
130 32.9 13.0 53.0
64 40.6 18.8 58.8

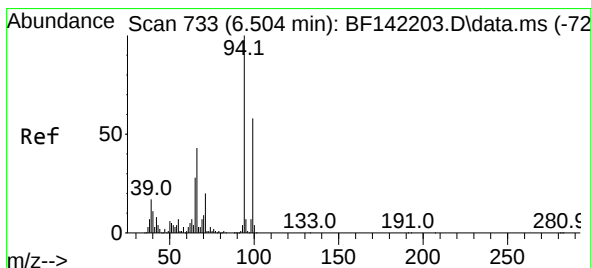
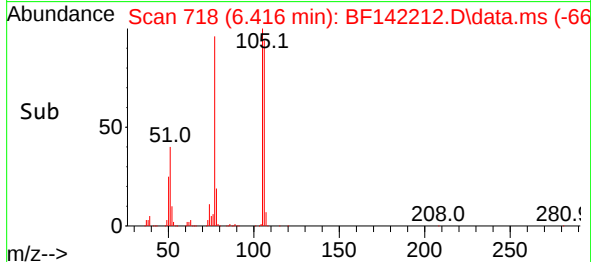
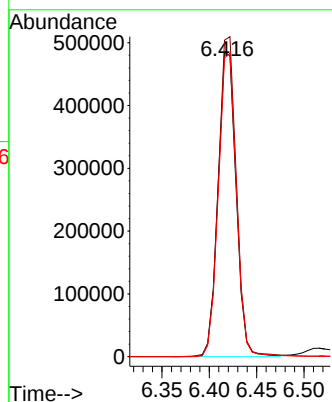
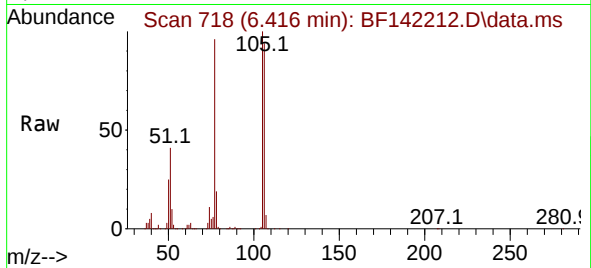




#9
Benzaldehyde
Concen: 39.773 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

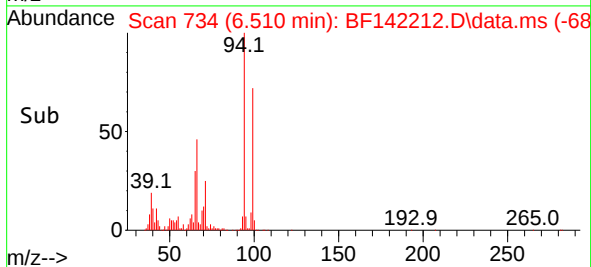
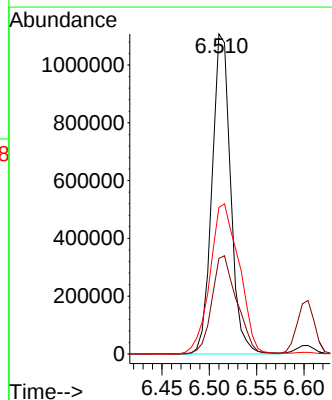
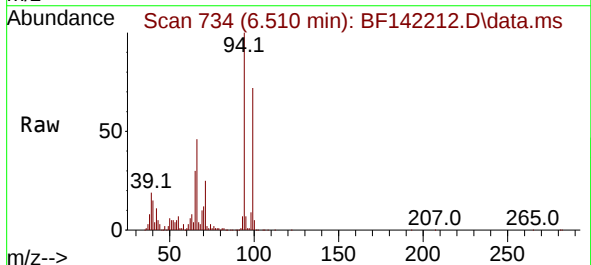
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BNA_F
ClientSampleId :

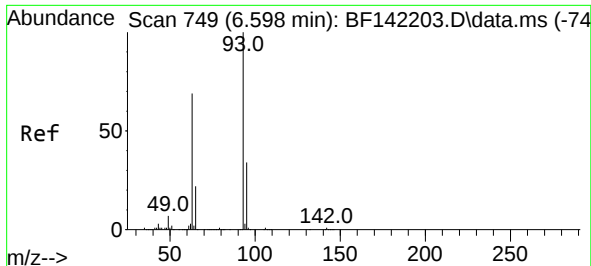
Tgt Ion: 77 Resp: 645187
Ion Ratio Lower Upper
77 100
105 103.9 84.4 124.4
106 98.1 80.3 120.3



#10
Phenol
Concen: 48.608 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 94 Resp: 1514821
Ion Ratio Lower Upper
94 100
65 29.9 8.1 48.1
66 45.8 22.7 62.7

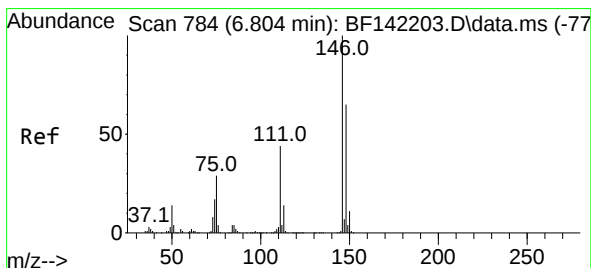
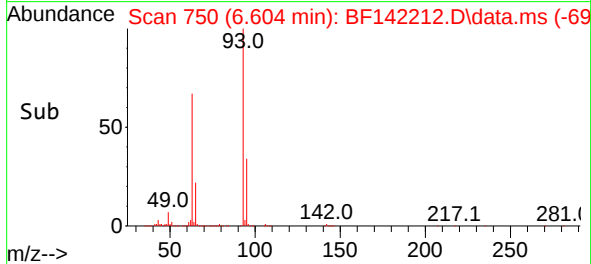
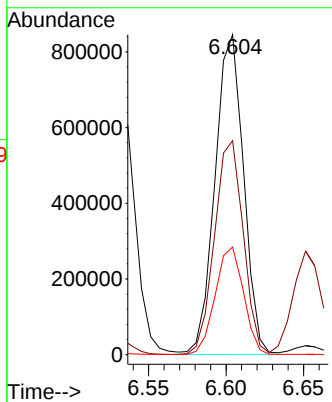
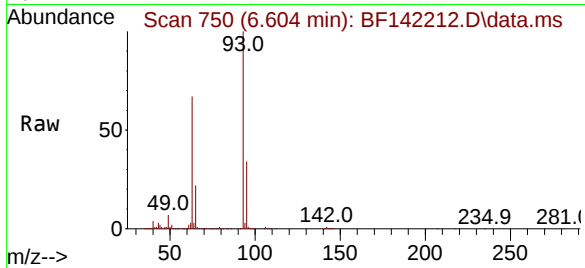




#11
bis(2-Chloroethyl)ether
Concen: 46.127 ng
RT: 6.604 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

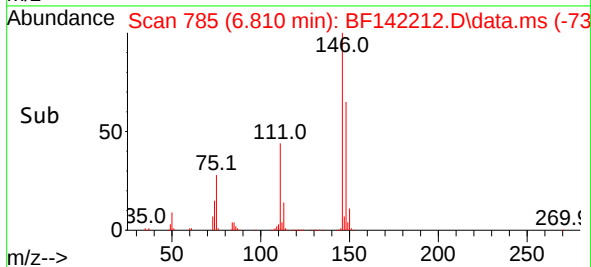
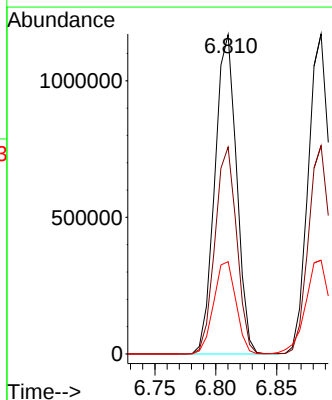
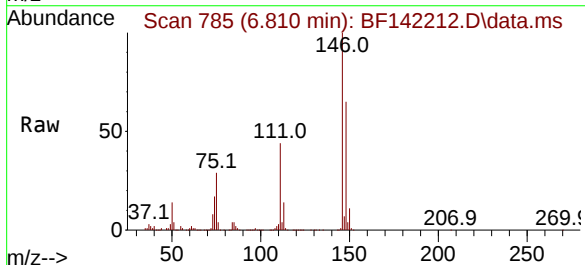
Instrument :
BNA_F
ClientSampleId :

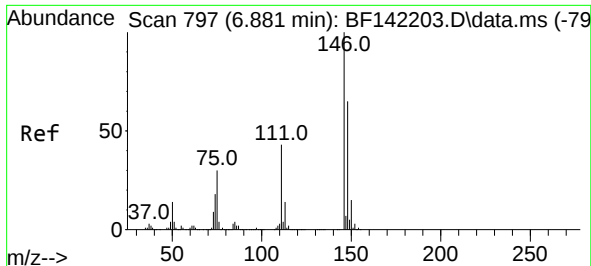
Tgt Ion: 93 Resp: 1084036
Ion Ratio Lower Upper
93 100
63 66.8 47.9 87.9
95 33.7 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 47.516 ng
RT: 6.810 min Scan# 785
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:146 Resp: 1454111
Ion Ratio Lower Upper
146 100
148 64.8 51.7 77.5
75 28.9 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 46.248 ng

RT: 6.887 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

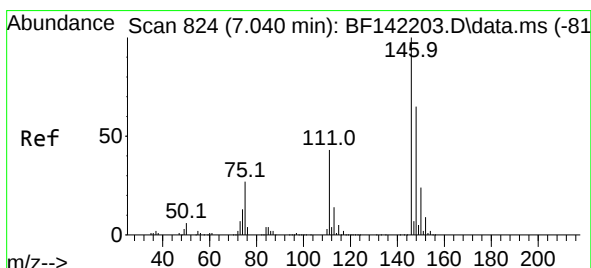
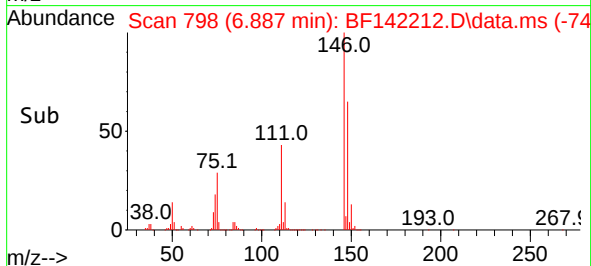
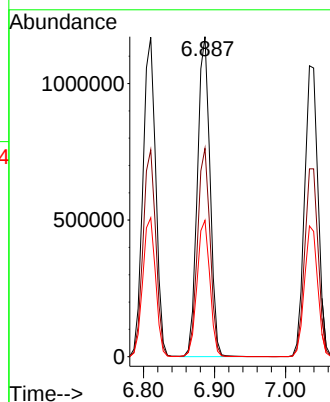
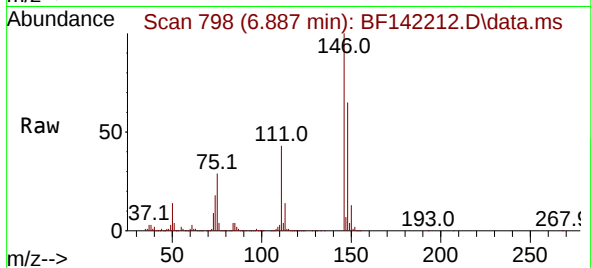
Tgt Ion:146 Resp: 1451561

Ion Ratio Lower Upper

146 100

148 65.1 52.4 78.6

111 42.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.917 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

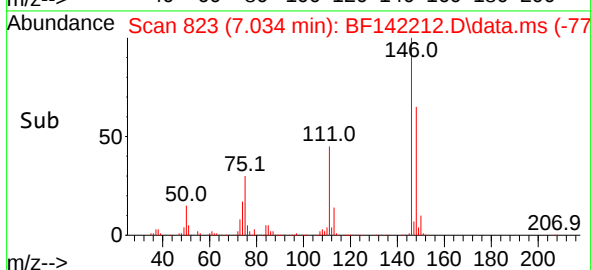
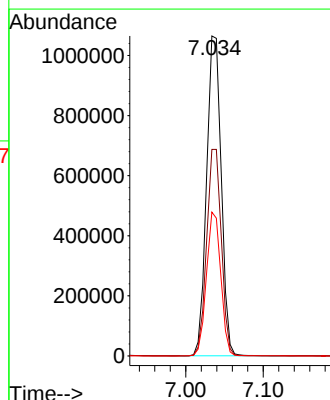
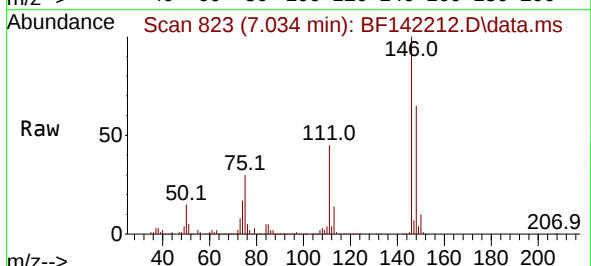
Tgt Ion:146 Resp: 1399109

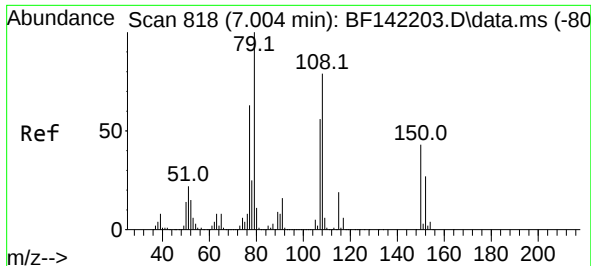
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.4

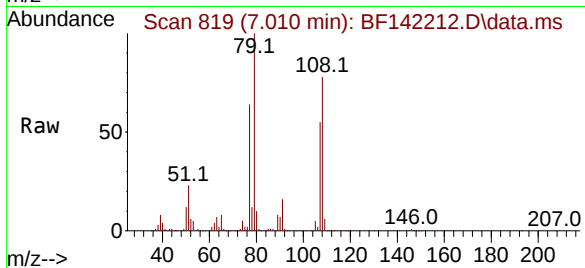
111 45.0 34.2 51.4



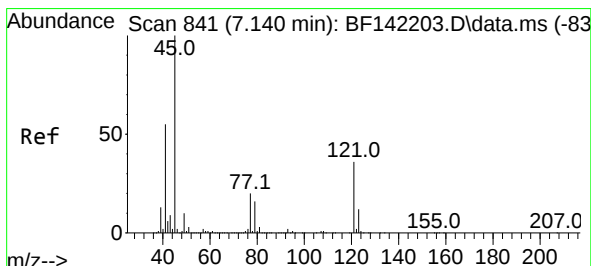
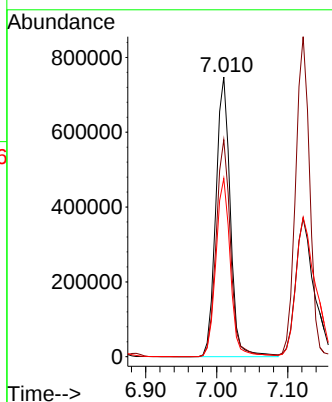
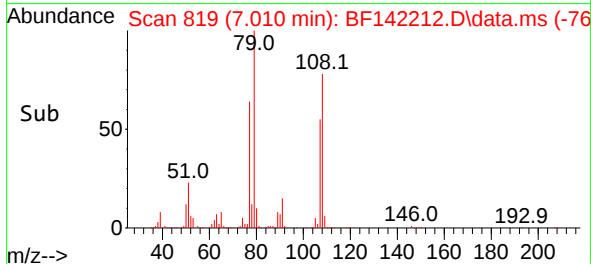


#15
Benzyl Alcohol
Concen: 48.800 ng
RT: 7.010 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

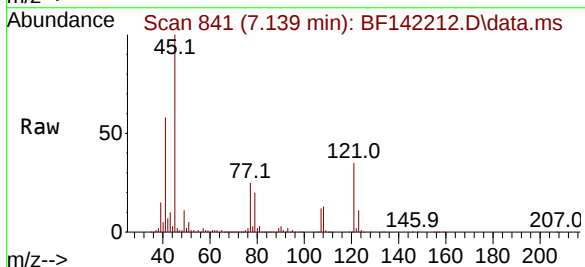
Instrument :
BNA_F
ClientSampleId :



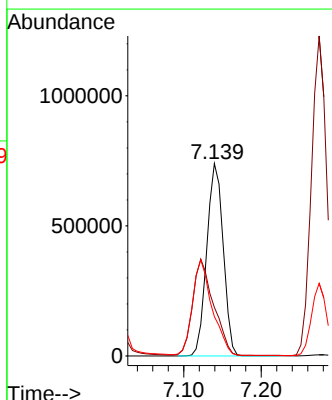
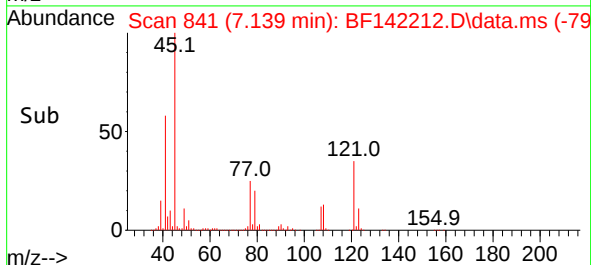
Tgt Ion: 79 Resp: 1051306
Ion Ratio Lower Upper
79 100
108 77.6 63.1 94.7
77 63.7 50.6 76.0

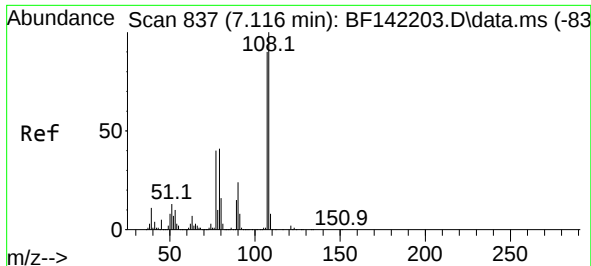


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.800 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



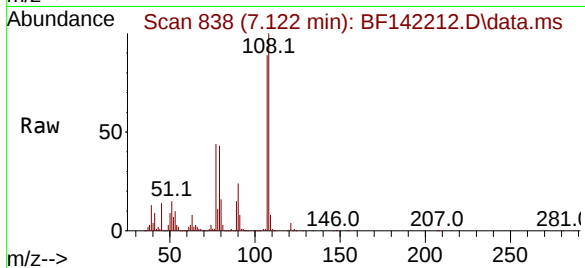
Tgt Ion: 45 Resp: 1088845
Ion Ratio Lower Upper
45 100
77 25.3 1.4 41.4
79 20.5 0.0 36.7





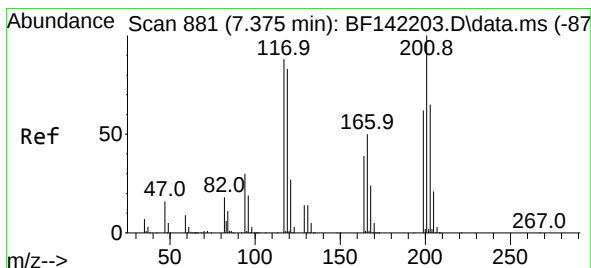
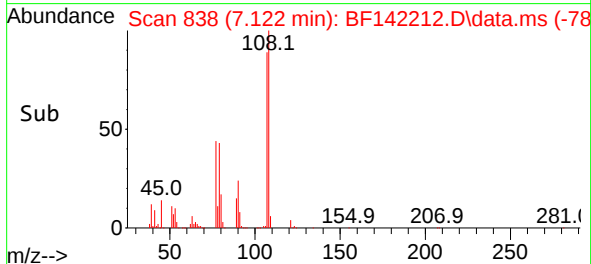
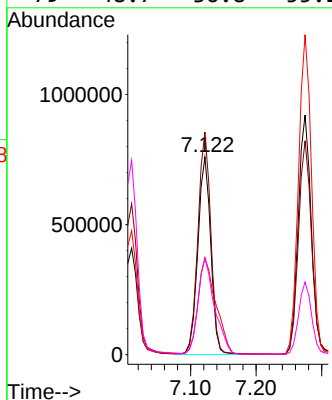
#17
2-Methylphenol
Concen: 51.330 ng
RT: 7.122 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 1043285

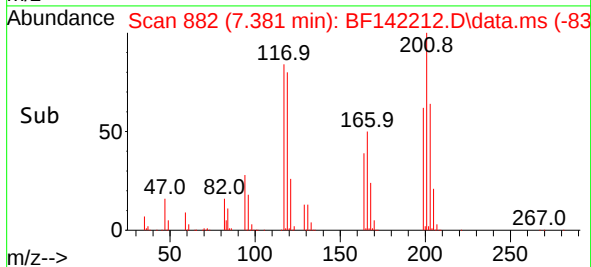
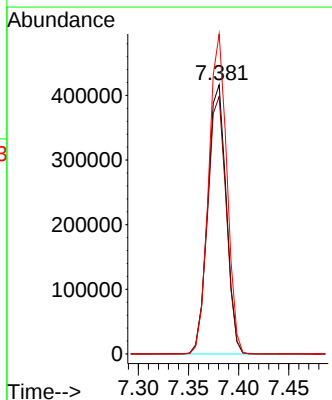
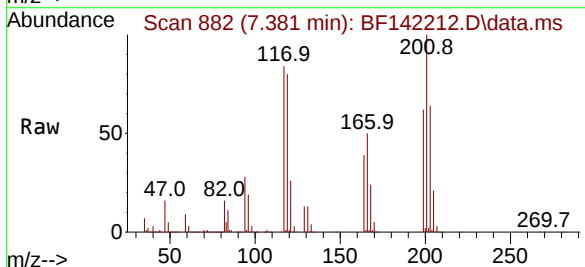
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.4	134.2
77	49.0	36.3	54.5
79	48.7	36.8	55.2

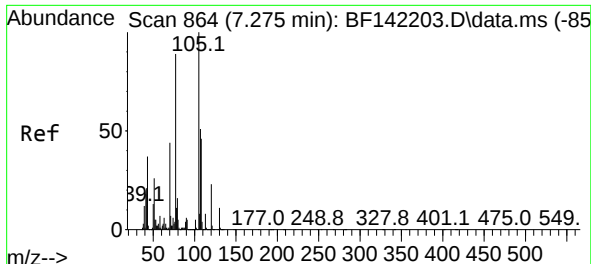


#18
Hexachloroethane
Concen: 50.167 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:117 Resp: 534909

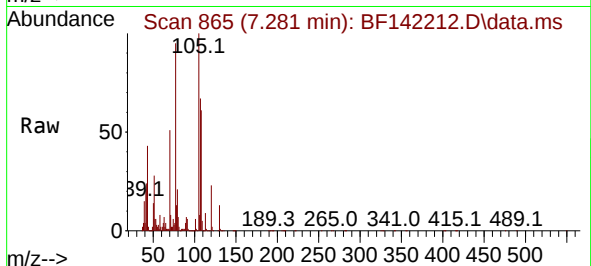
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.8	113.8
201	118.9	91.4	137.0



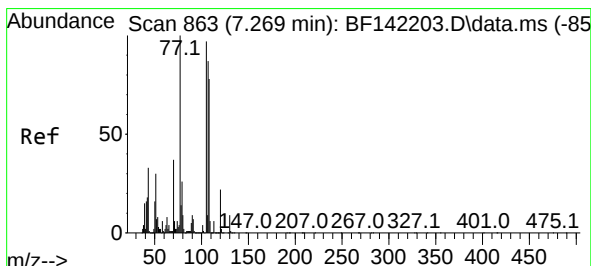
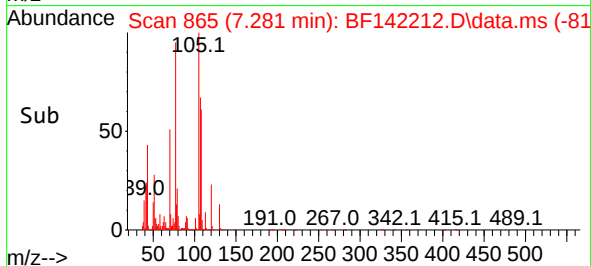
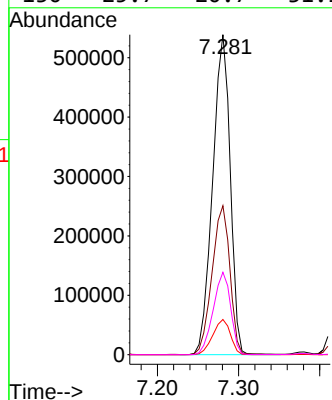


#19
n-Nitroso-di-n-propylamine
Concen: 48.411 ng
RT: 7.281 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :

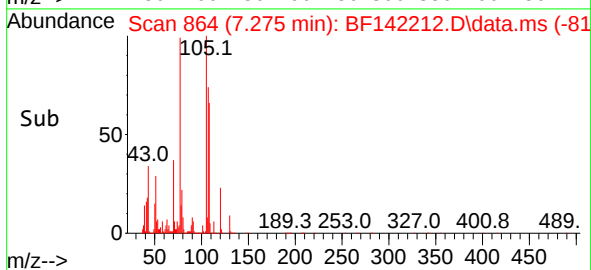
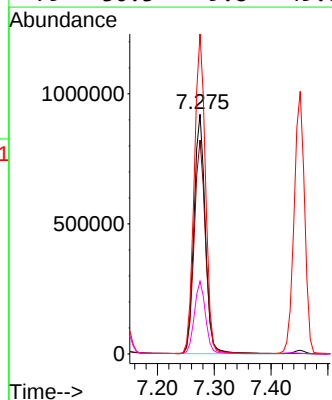
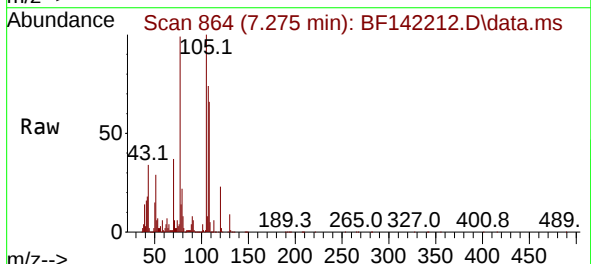


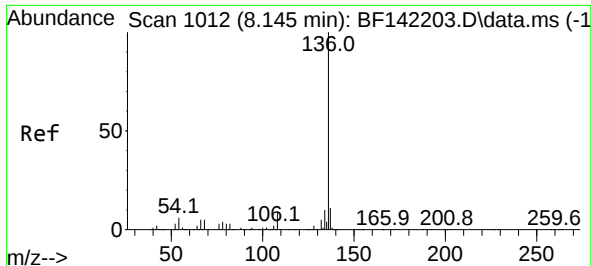
Tgt Ion: 70 Resp: 808846
Ion Ratio Lower Upper
70 100
42 46.6 37.4 56.0
101 11.0 8.6 13.0
130 25.7 20.7 31.1



#20
3+4-Methylphenols
Concen: 50.510 ng
RT: 7.275 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

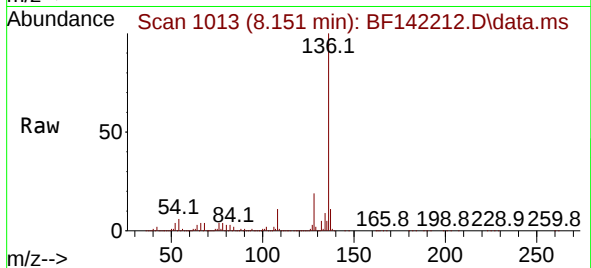
Tgt Ion:107 Resp: 1276816
Ion Ratio Lower Upper
107 100
108 89.2 69.8 109.8
77 133.5 94.5 134.5
79 30.3 9.8 49.8



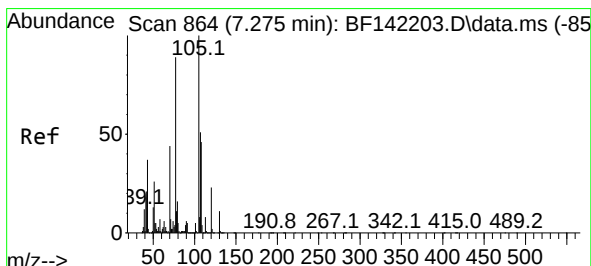
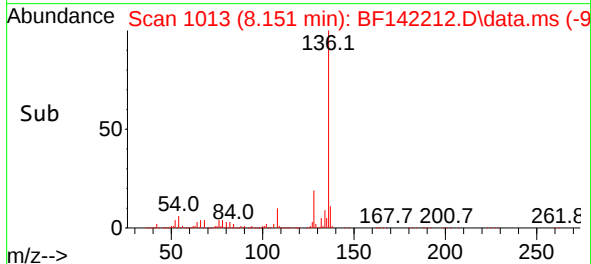
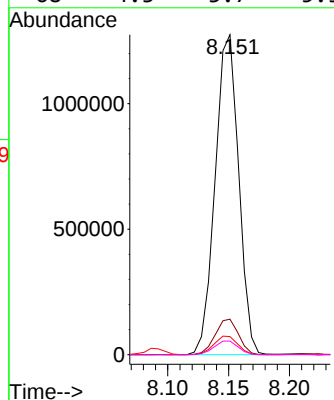


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :

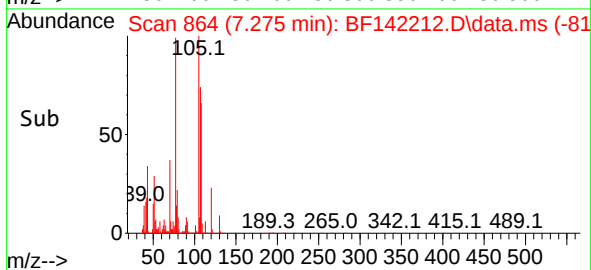
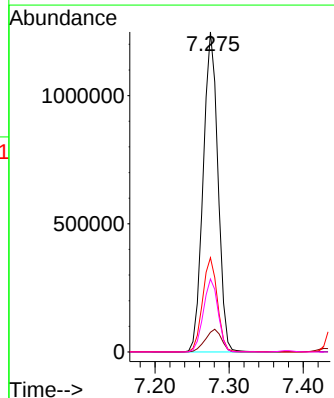
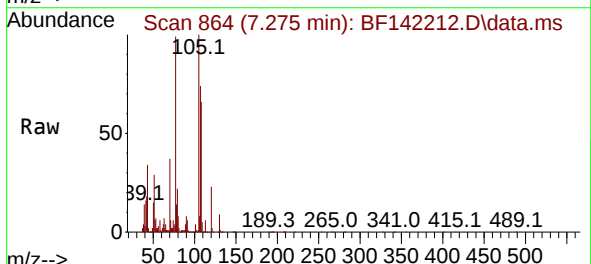


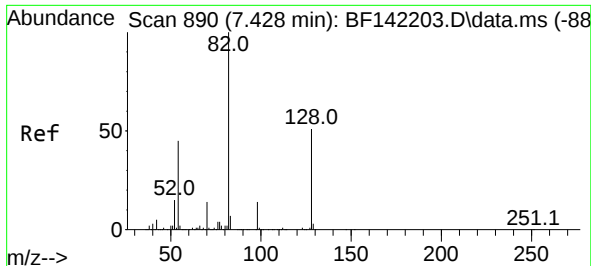
Tgt Ion:136 Resp: 1715608
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 5.7 4.7 7.1
68 4.3 3.7 5.5



#22
Acetophenone
Concen: 45.904 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:105 Resp: 1728652
Ion Ratio Lower Upper
105 100
71 6.2 5.8 8.8
51 29.5 20.9 31.3
120 22.8 18.6 27.8





#23

Nitrobenzene-d5

Concen: 93.486 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.006 min

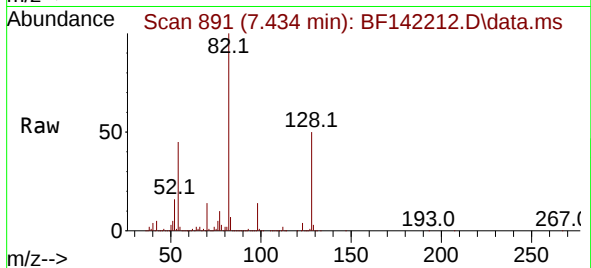
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :



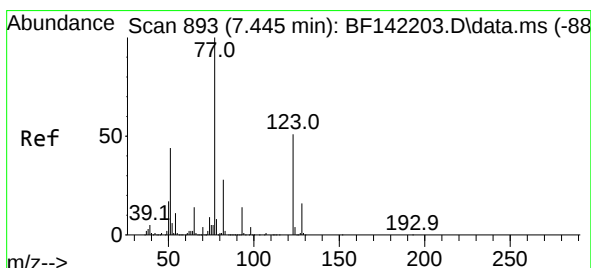
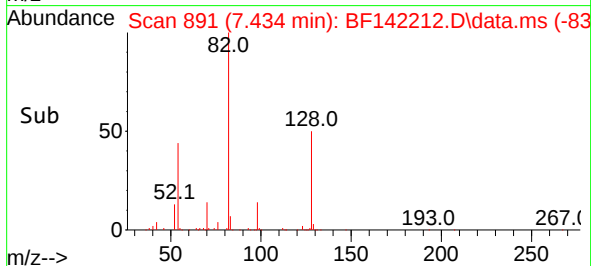
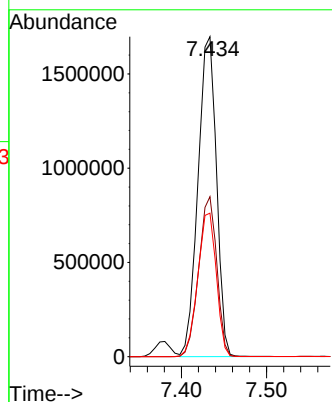
Tgt Ion: 82 Resp: 2553798

Ion Ratio Lower Upper

82 100

128 50.0 40.2 60.2

54 44.9 35.5 53.3



#24

Nitrobenzene

Concen: 47.389 ng

RT: 7.451 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

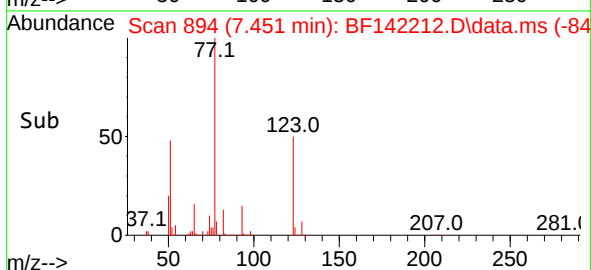
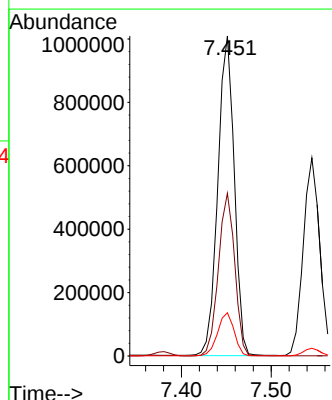
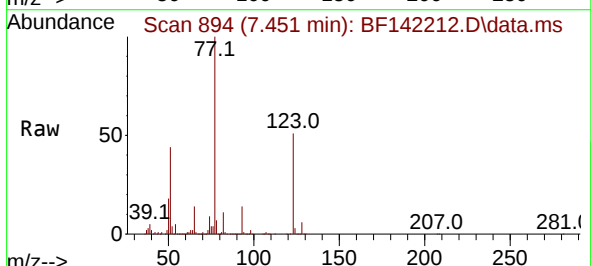
Tgt Ion: 77 Resp: 1282511

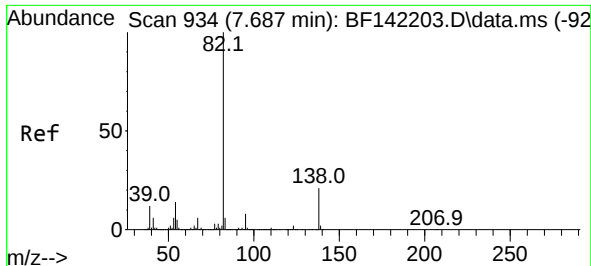
Ion Ratio Lower Upper

77 100

123 50.8 40.7 61.1

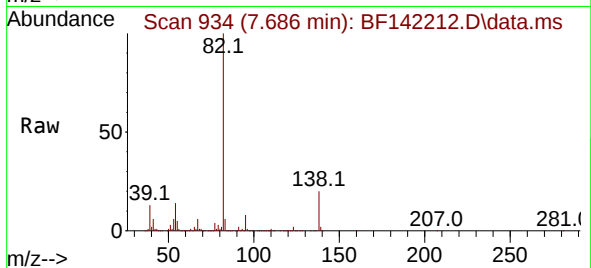
65 13.5 10.9 16.3



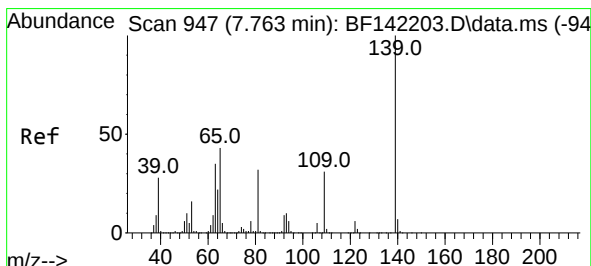
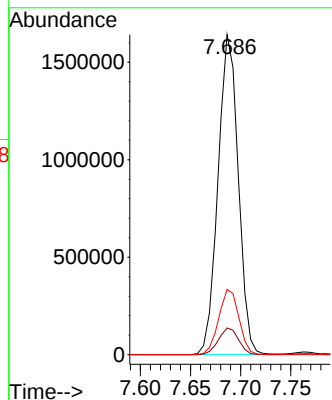
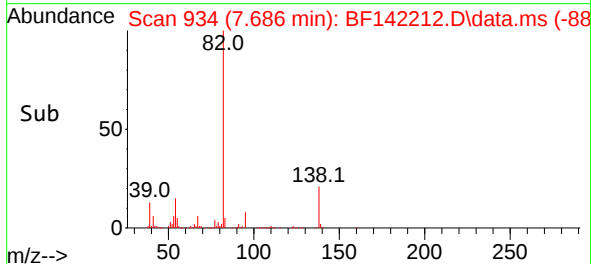


#25
Isophorone
Concen: 50.181 ng
RT: 7.686 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

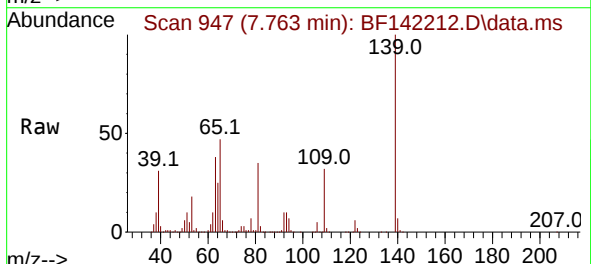
Instrument :
BNA_F
ClientSampleId :



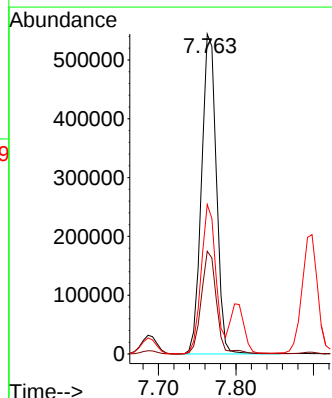
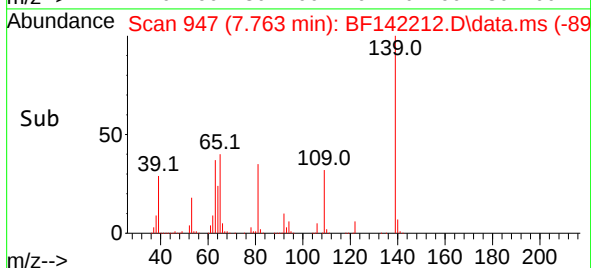
Tgt Ion: 82 Resp: 2301056
Ion Ratio Lower Upper
82 100
95 8.3 6.5 9.7
138 20.4 16.9 25.3

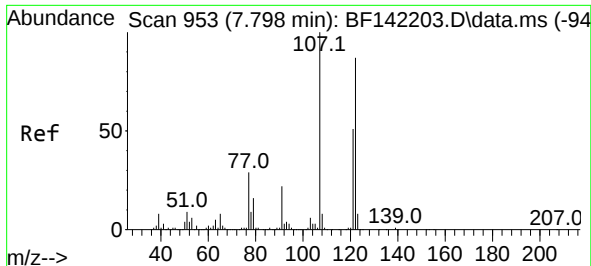


#26
2-Nitrophenol
Concen: 51.035 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



Tgt Ion: 139 Resp: 726011
Ion Ratio Lower Upper
139 100
109 32.1 24.4 36.6
65 46.7 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 65.045 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.006 min

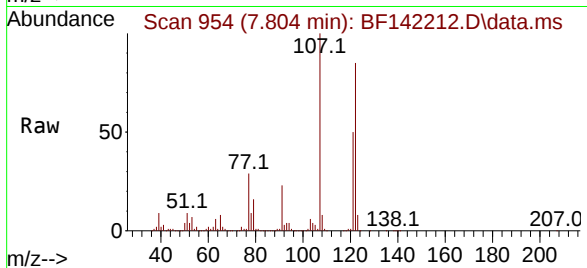
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :



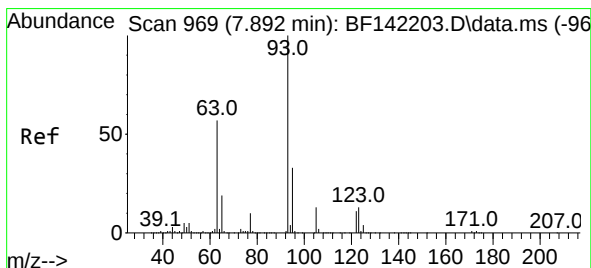
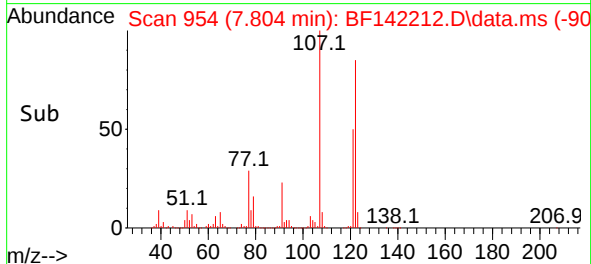
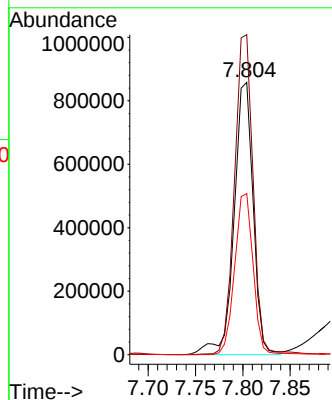
Tgt Ion:122 Resp: 1203141

Ion Ratio Lower Upper

122 100

107 117.5 91.6 137.4

121 59.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.454 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

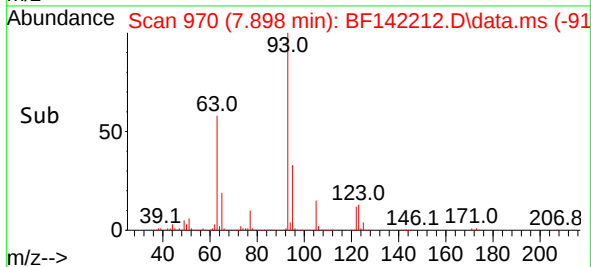
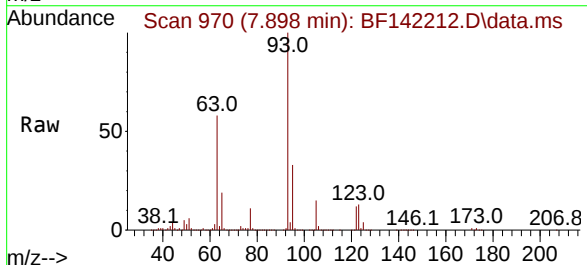
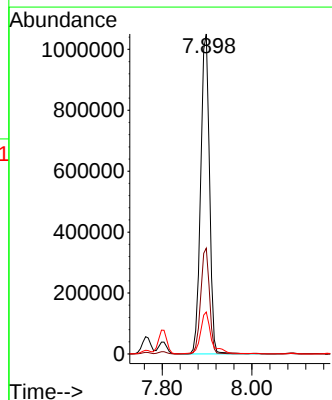
Tgt Ion: 93 Resp: 1428156

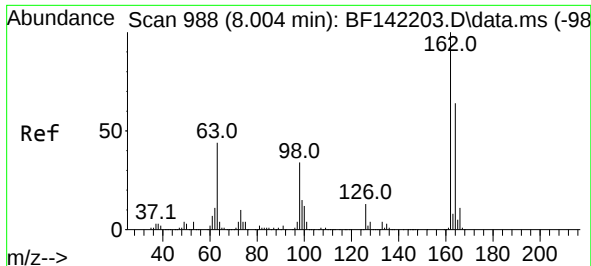
Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

123 13.1 10.9 16.3

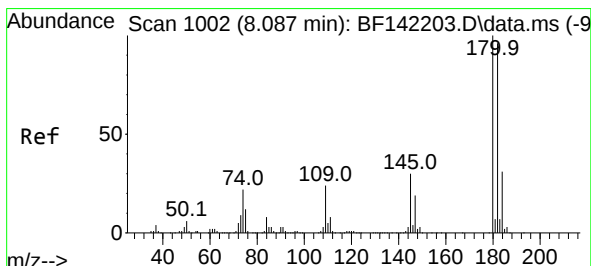
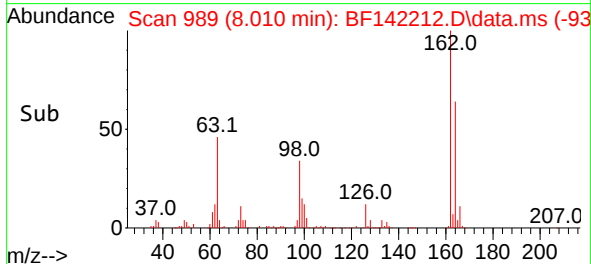
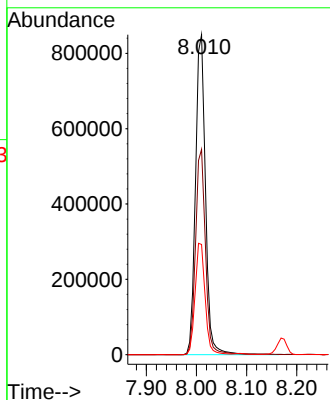
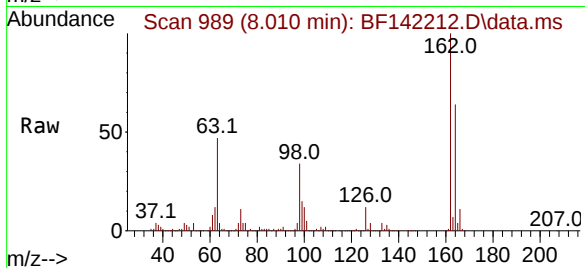




#29
2,4-Dichlorophenol
Concen: 46.539 ng
RT: 8.010 min Scan# 98
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

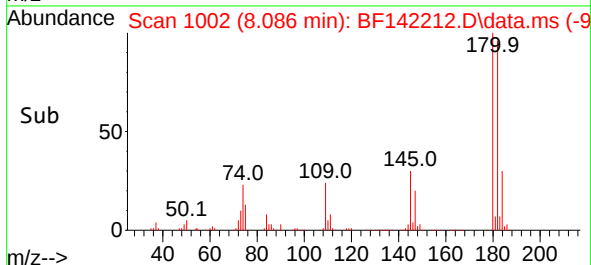
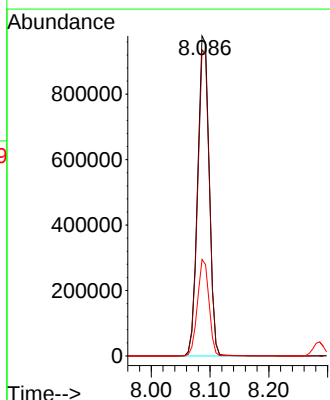
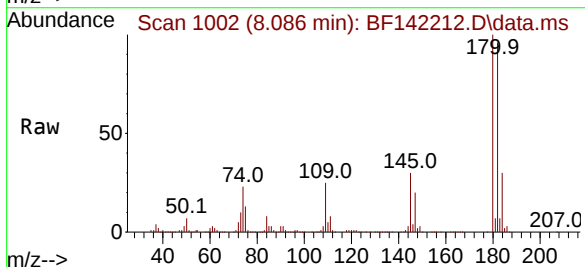
Instrument :
BNA_F
ClientSampleId :

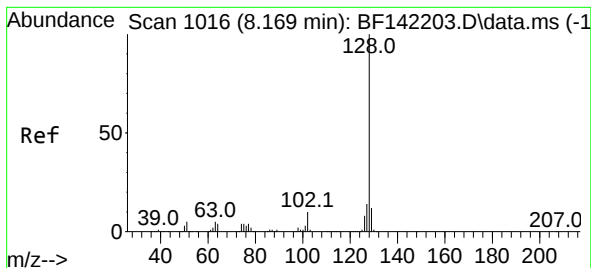
Tgt Ion:162 Resp: 1170779
Ion Ratio Lower Upper
162 100
164 64.2 44.2 84.2
98 34.4 13.8 53.8



#30
1,2,4-Trichlorobenzene
Concen: 45.451 ng
RT: 8.086 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:180 Resp: 1337110
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 30.2 24.3 36.5





#31

Naphthalene

Concen: 45.384 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

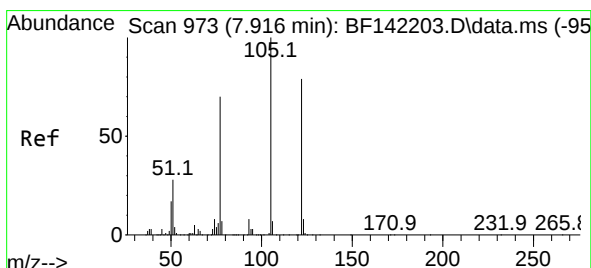
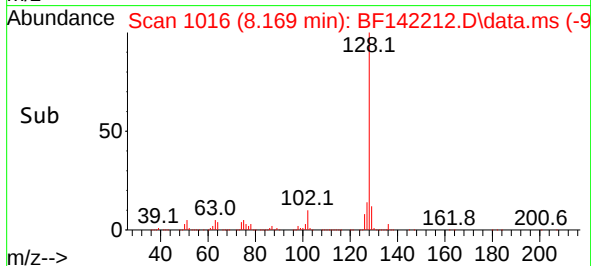
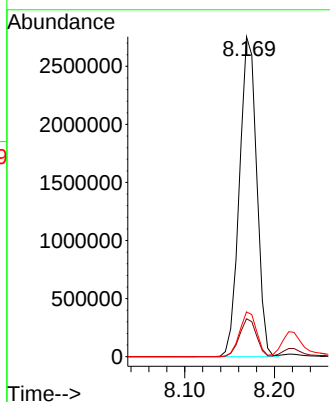
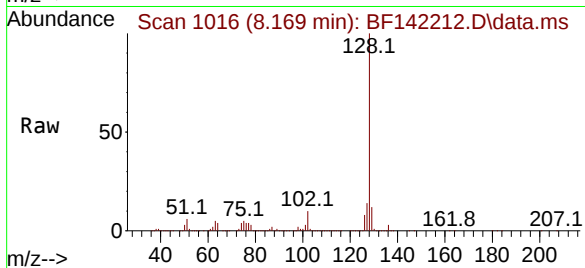
Tgt Ion:128 Resp: 3678051

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

127 14.0 11.4 17.0



#32

Benzoic acid

Concen: 43.260 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

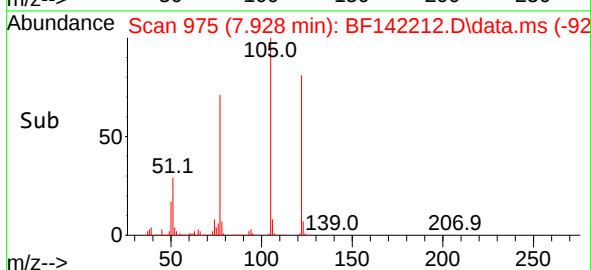
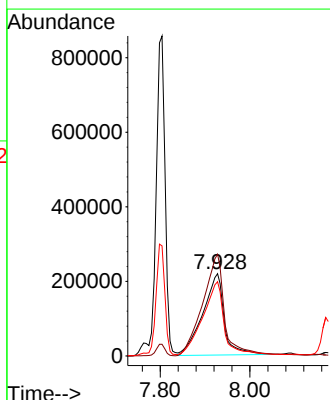
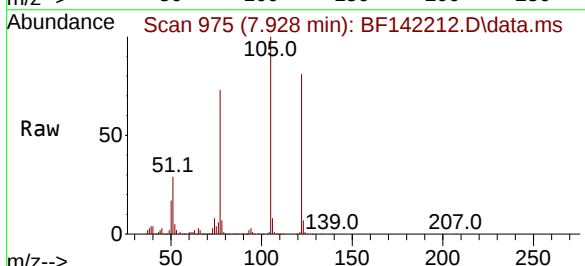
Tgt Ion:122 Resp: 726069

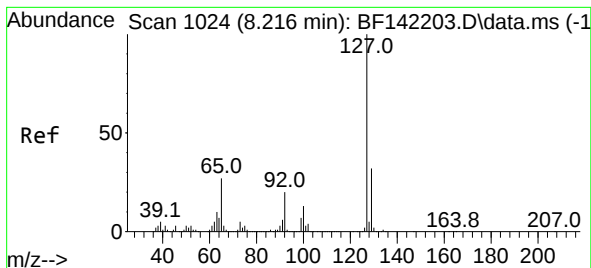
Ion Ratio Lower Upper

122 100

105 123.7 101.5 141.5

77 90.2 66.6 106.6





#33

4-Chloroaniline

Concen: 12.428 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.000 min

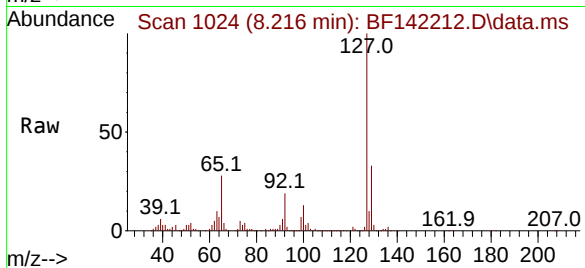
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 364711

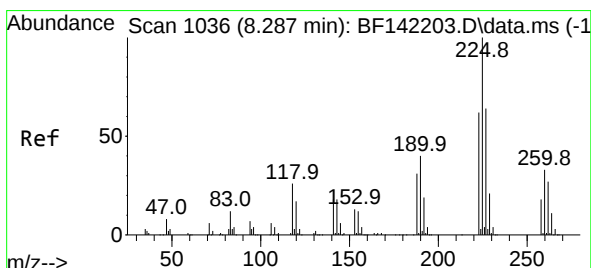
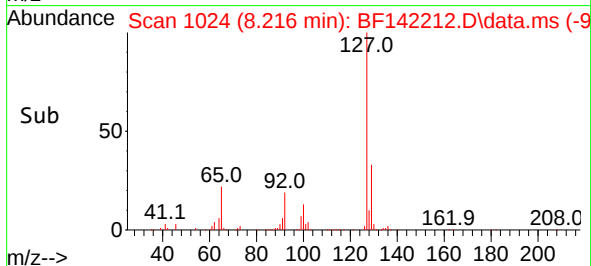
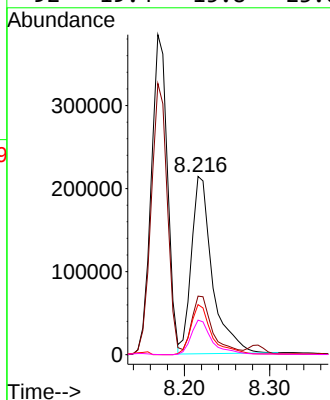
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 28.1 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 46.140 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

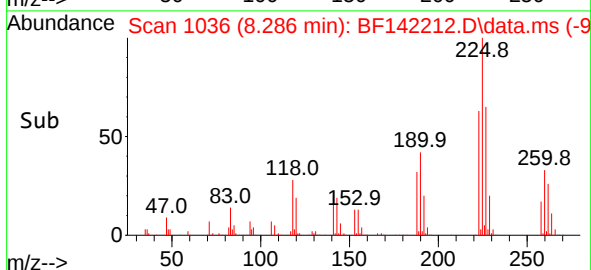
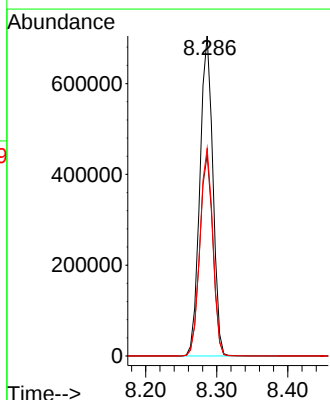
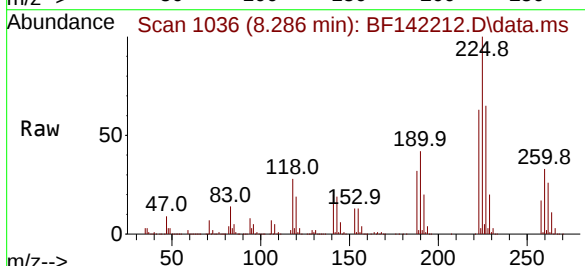
Tgt Ion:225 Resp: 895789

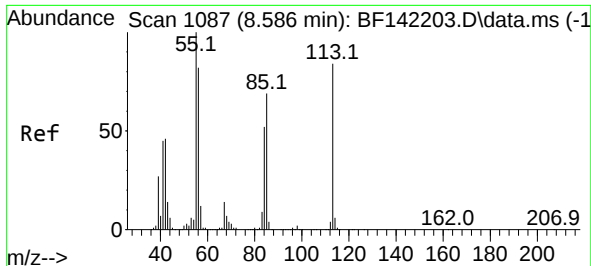
Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.2

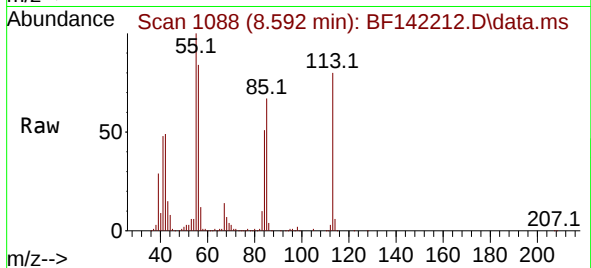
227 64.9 51.4 77.2



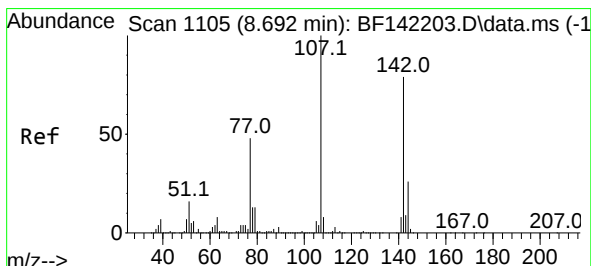
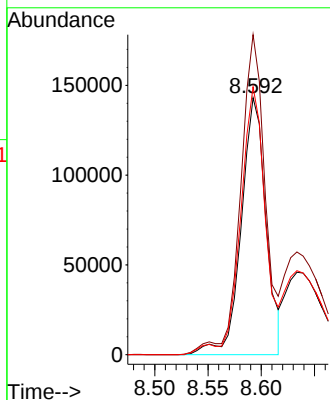
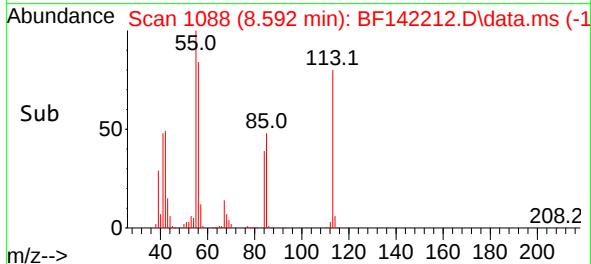


#35
Caprolactam
Concen: 34.410 ng
RT: 8.592 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

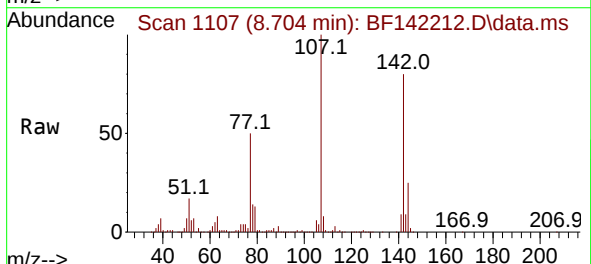
Instrument :
BNA_F
ClientSampleId :



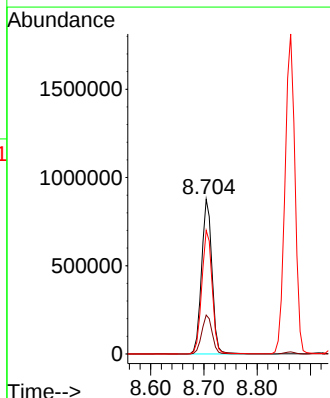
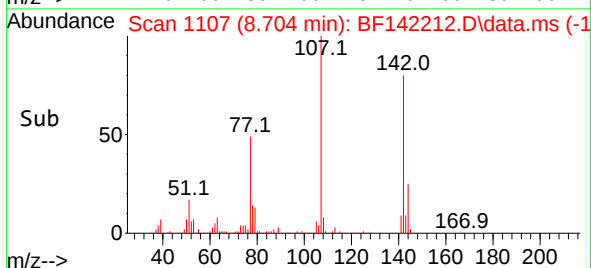
Tgt Ion:113 Resp: 230926
Ion Ratio Lower Upper
113 100
55 124.6 99.5 139.5
56 104.2 78.1 118.1

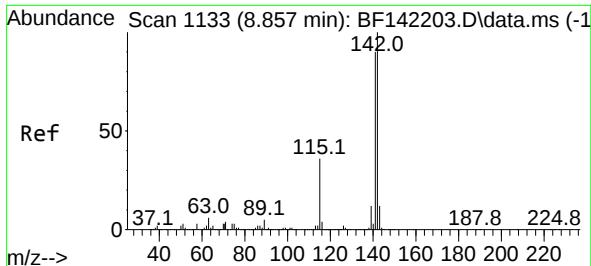


#36
4-Chloro-3-methylphenol
Concen: 47.026 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



Tgt Ion:107 Resp: 1190880
Ion Ratio Lower Upper
107 100
144 25.1 20.6 30.8
142 79.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 41.974 ng

RT: 8.863 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

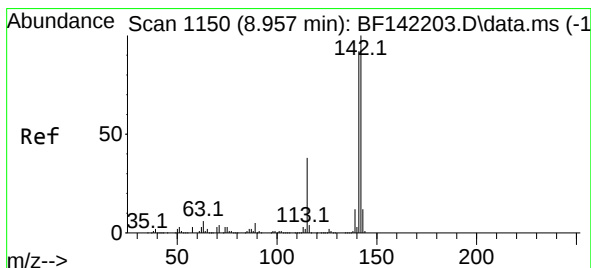
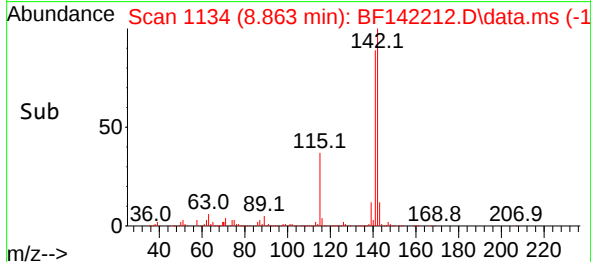
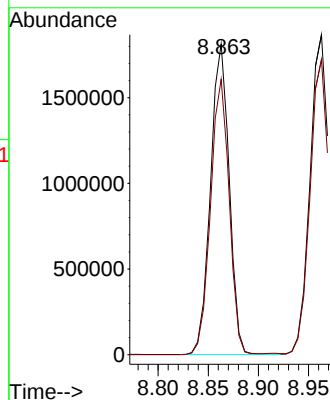
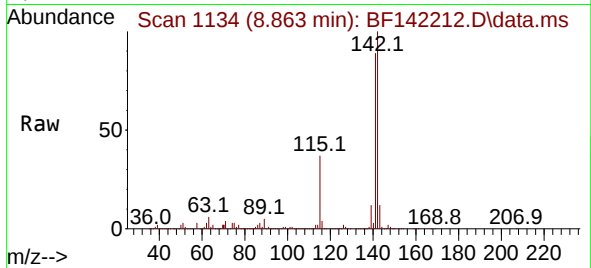
ClientSampleId :

Tgt Ion:142 Resp: 2350967

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9



#38

1-Methylnaphthalene

Concen: 44.847 ng

RT: 8.963 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF142212.D

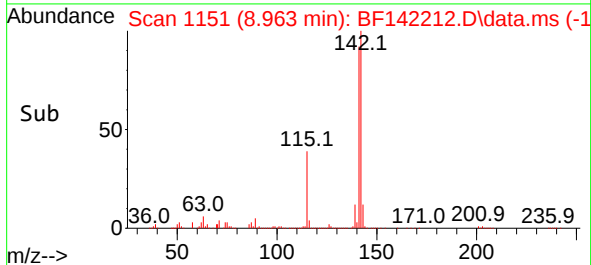
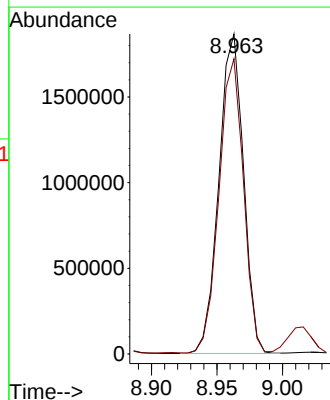
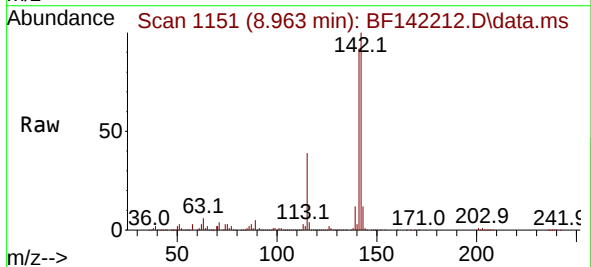
Acq: 22 Apr 2025 15:13

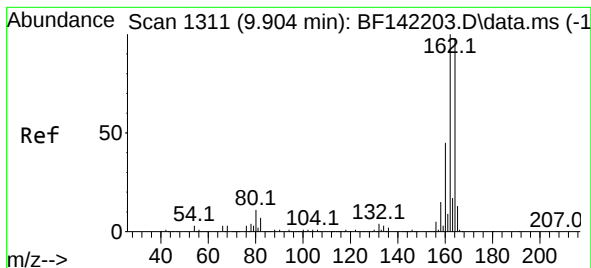
Tgt Ion:142 Resp: 2432087

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1161

Delta R.T. -0.000 min

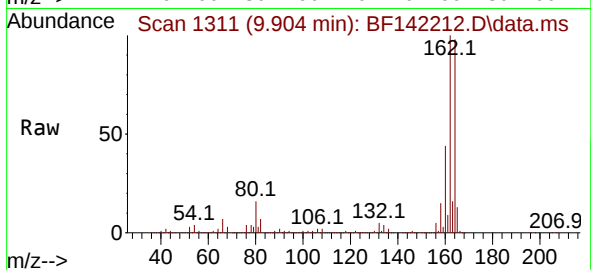
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :



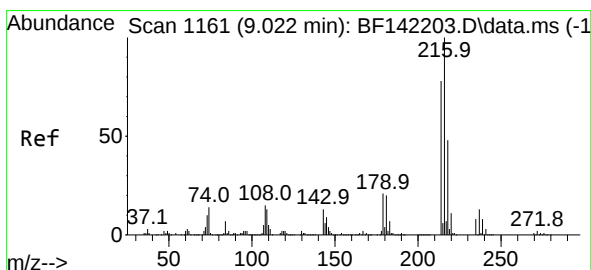
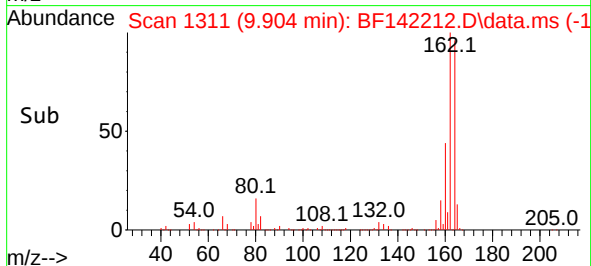
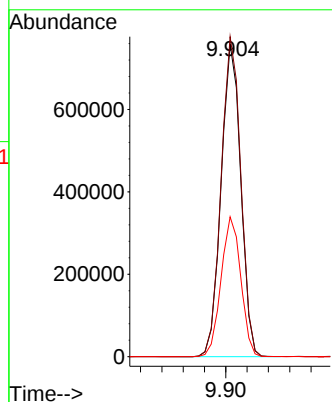
Tgt Ion:164 Resp: 967073

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

160 44.7 36.8 55.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.681 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:216 Resp: 1413806

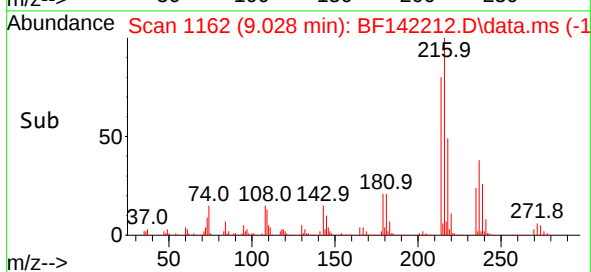
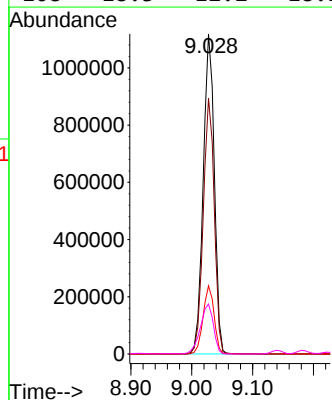
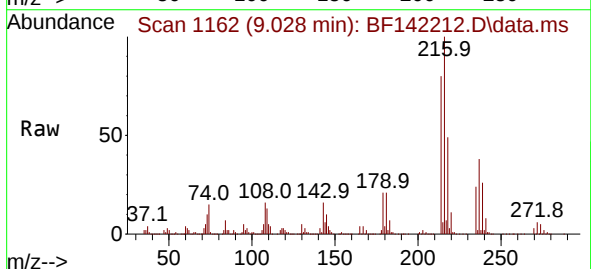
Ion Ratio Lower Upper

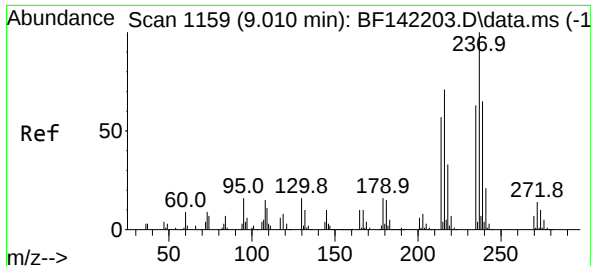
216 100

214 79.3 62.7 94.1

179 21.1 16.7 25.1

108 18.3 12.2 18.2#

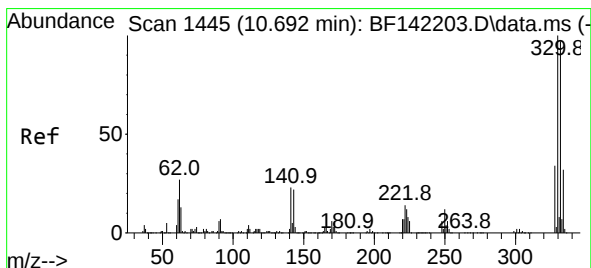
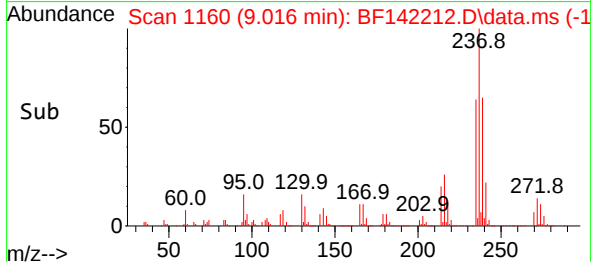
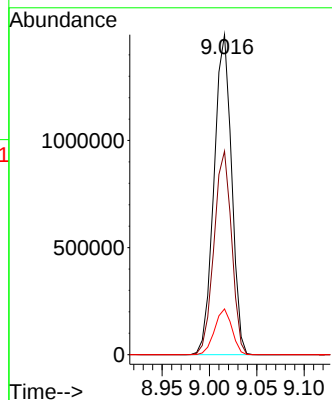
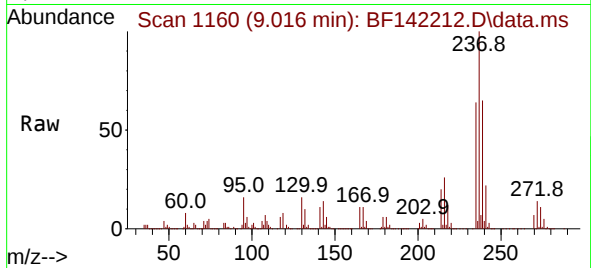




#41
Hexachlorocyclopentadiene
Concen: 199.269 ng
RT: 9.016 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

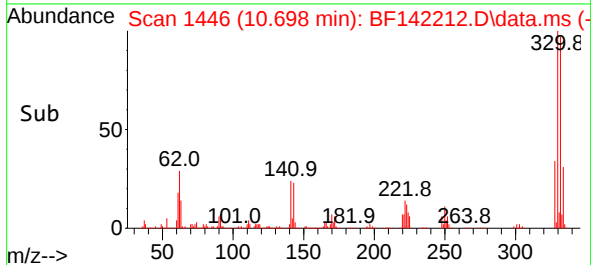
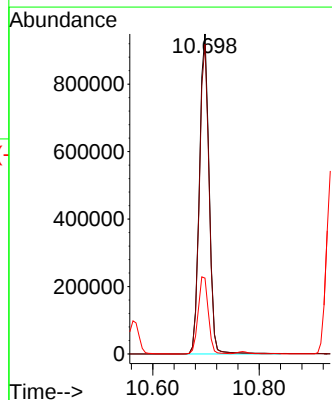
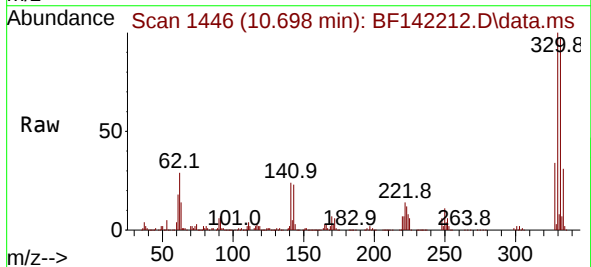
Instrument :
BNA_F
ClientSampleId :

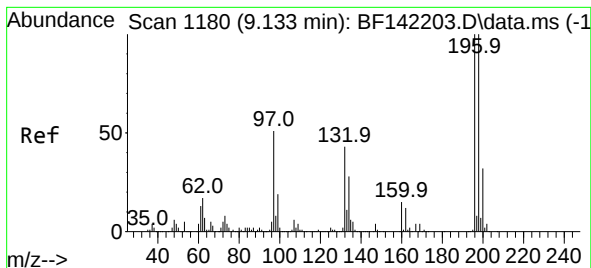
Tgt Ion:237 Resp: 1933489
Ion Ratio Lower Upper
237 100
235 63.6 42.6 82.6
272 14.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 90.829 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:330 Resp: 1200976
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 25.2 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 48.605 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

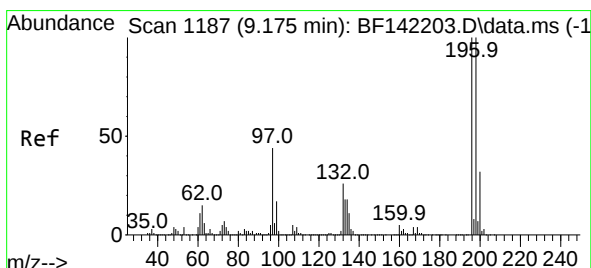
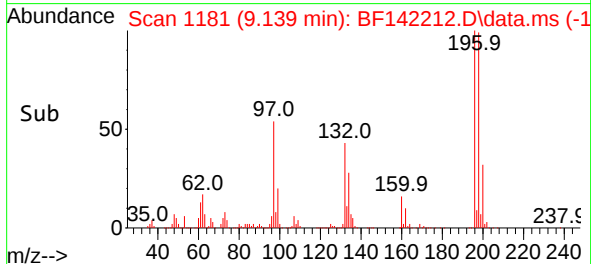
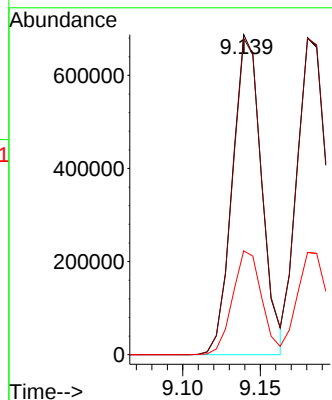
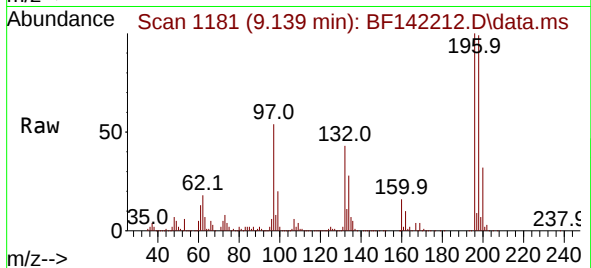
Tgt Ion:196 Resp: 897913

Ion Ratio Lower Upper

196 100

198 98.8 80.0 120.0

200 32.4 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 47.498 ng

RT: 9.180 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:196 Resp: 940526

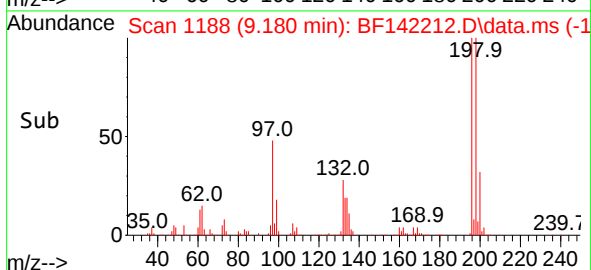
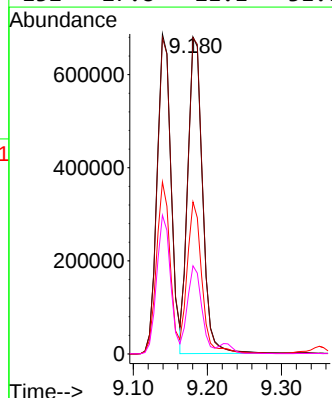
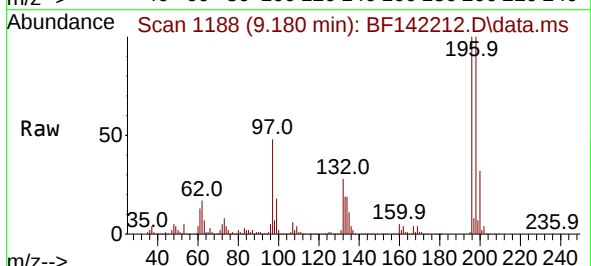
Ion Ratio Lower Upper

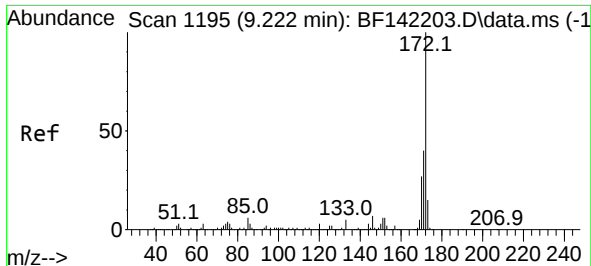
196 100

198 99.8 80.0 120.0

97 48.0 35.9 53.9

132 27.8 21.1 31.7

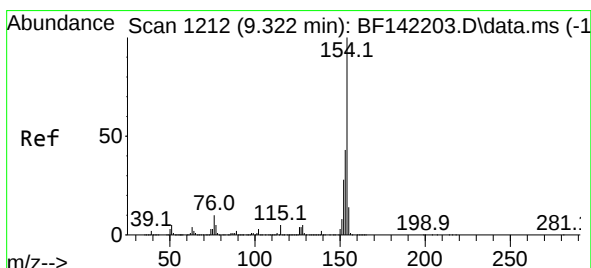
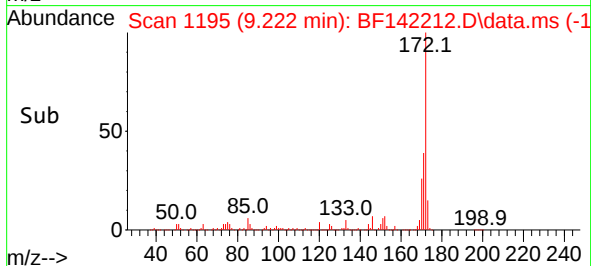
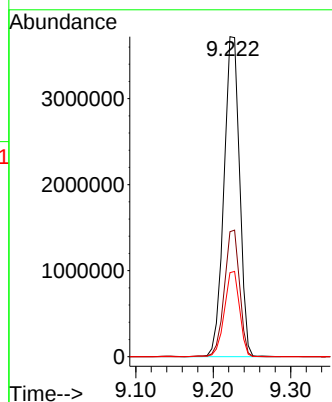
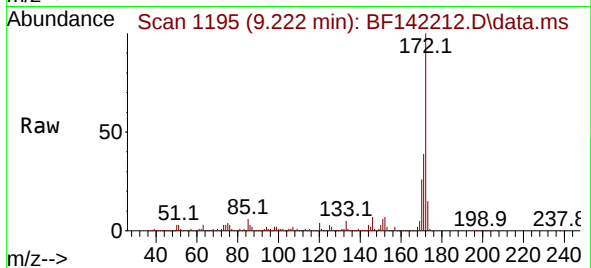




#45
2-Fluorobiphenyl
Concen: 88.191 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

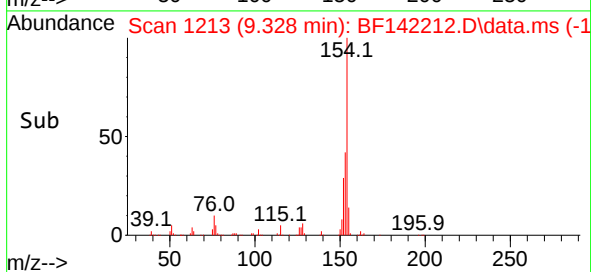
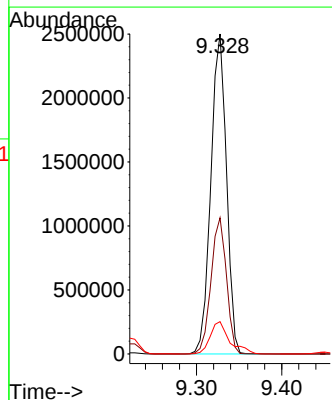
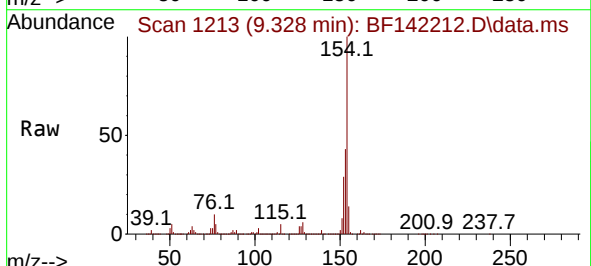
Instrument :
BNA_F
ClientSampleId :

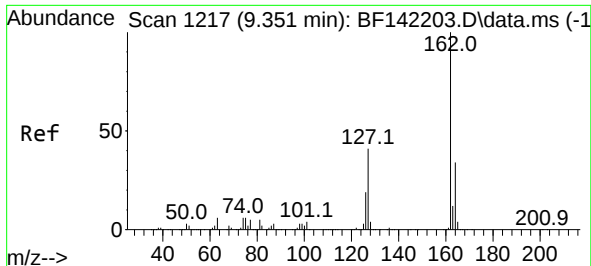
Tgt Ion:172 Resp: 5232587
Ion Ratio Lower Upper
172 100
171 39.1 32.1 48.1
170 26.2 21.4 32.0



#46
1,1'-Biphenyl
Concen: 45.845 ng
RT: 9.328 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

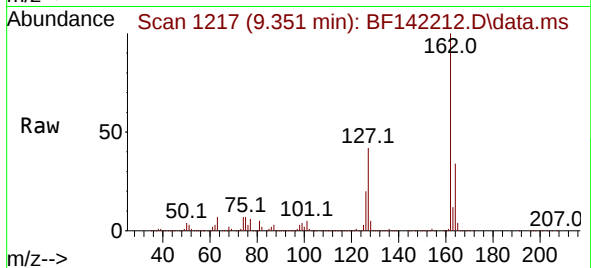
Tgt Ion:154 Resp: 3179172
Ion Ratio Lower Upper
154 100
153 42.6 22.5 62.5
76 10.1 0.0 30.4



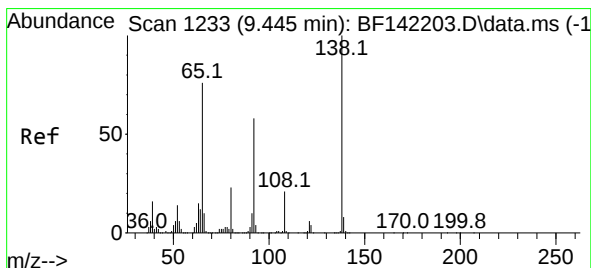
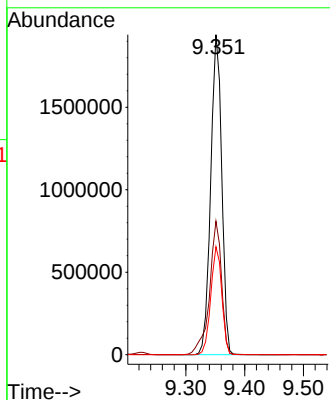
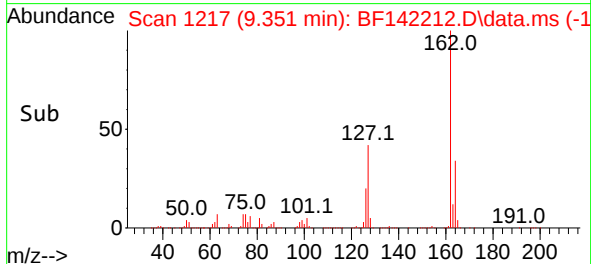


#47
2-Chloronaphthalene
Concen: 46.824 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :

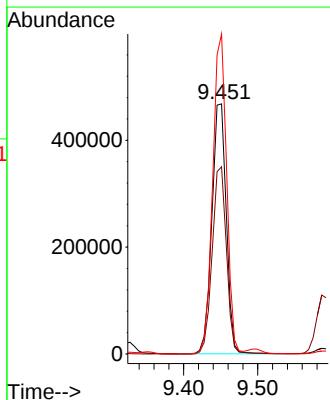
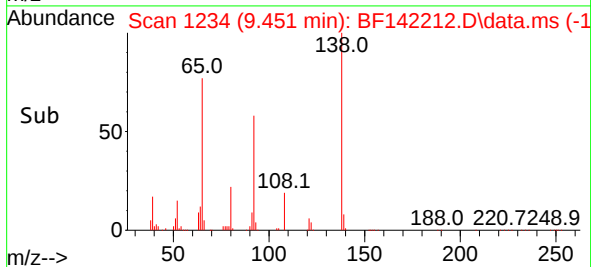
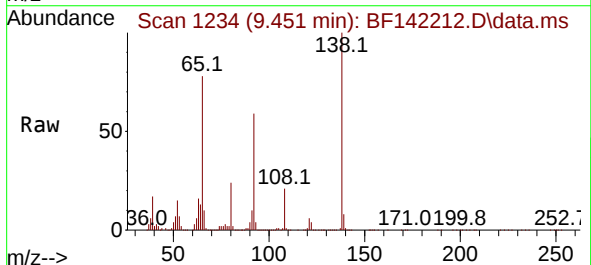


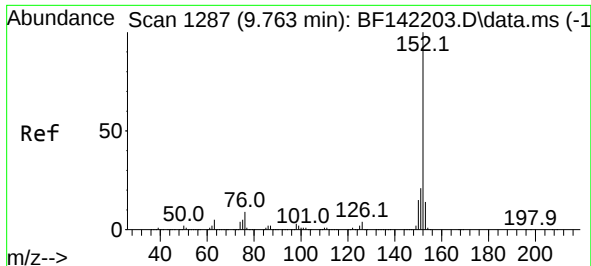
Tgt Ion:162 Resp: 2520398
Ion Ratio Lower Upper
162 100
127 41.7 33.1 49.7
164 33.7 27.1 40.7



#48
2-Nitroaniline
Concen: 50.126 ng
RT: 9.451 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion: 65 Resp: 632449
Ion Ratio Lower Upper
65 100
92 74.9 61.4 92.0
138 128.0 105.8 158.6

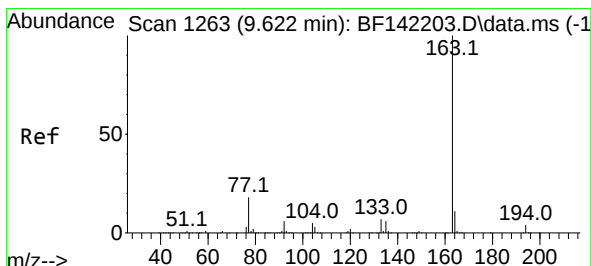
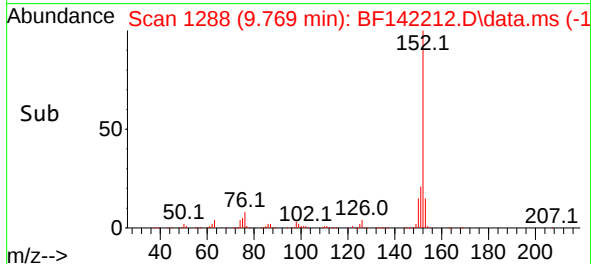
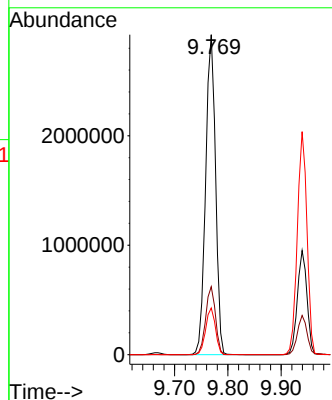
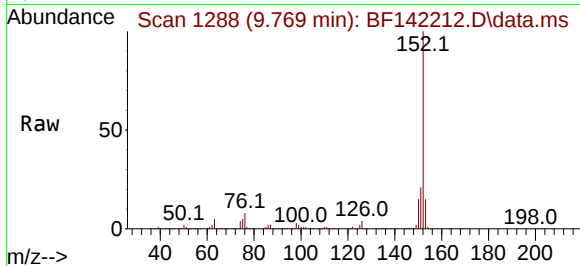




#49
Acenaphthylene
Concen: 49.512 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

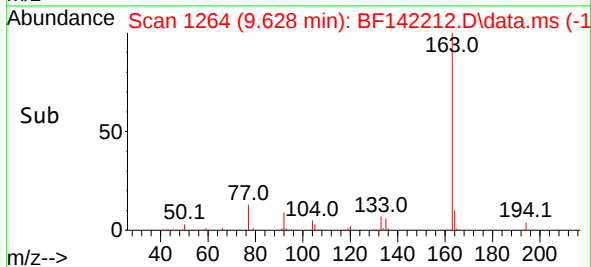
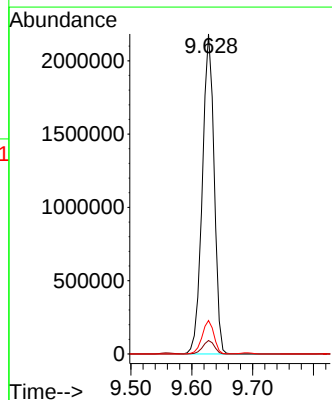
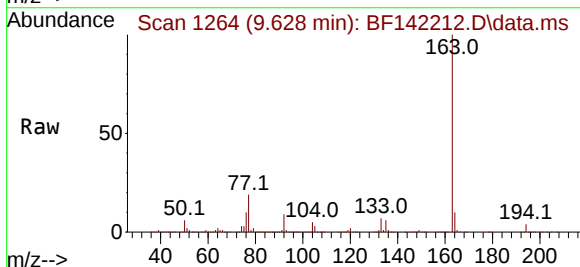
Instrument :
BNA_F
ClientSampleId :

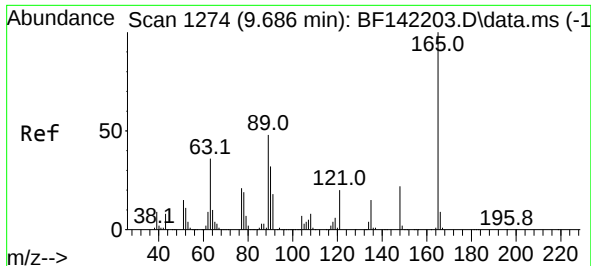
Tgt Ion:152 Resp: 3766987
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 14.6 11.6 17.4



#50
Dimethylphthalate
Concen: 47.542 ng
RT: 9.628 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:163 Resp: 2947852
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.5 8.6 12.8

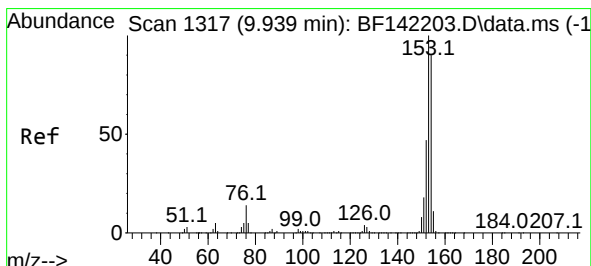
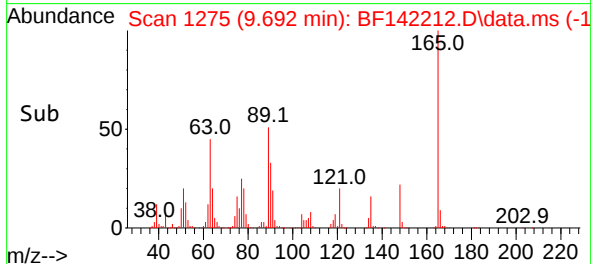
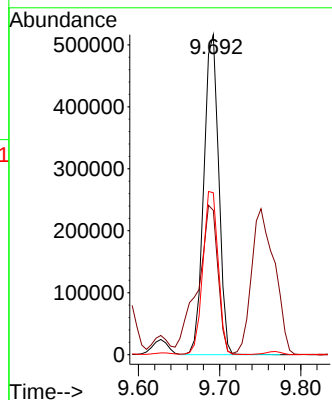
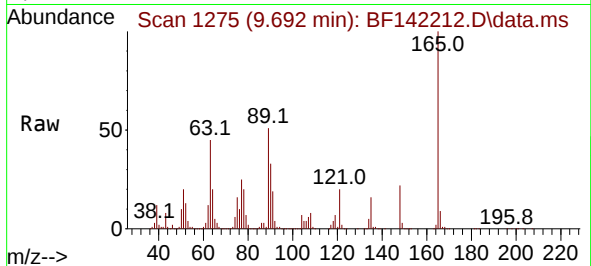




#51
2,6-Dinitrotoluene
Concen: 47.192 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

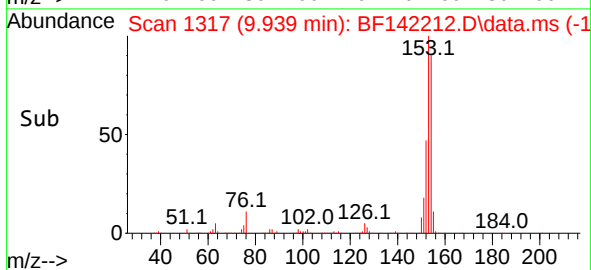
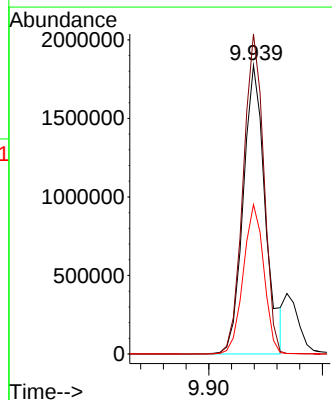
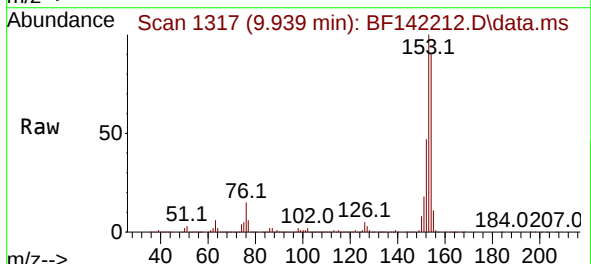
Instrument :
BNA_F
ClientSampleId :

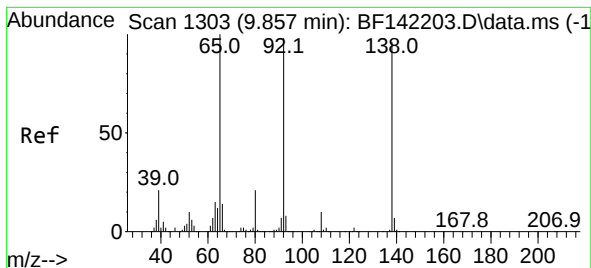
Tgt Ion:165 Resp: 656963
Ion Ratio Lower Upper
165 100
63 45.1 35.4 53.2
89 50.6 38.6 58.0



#52
Acenaphthene
Concen: 44.927 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:154 Resp: 2463195
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.4
152 51.8 41.8 62.8

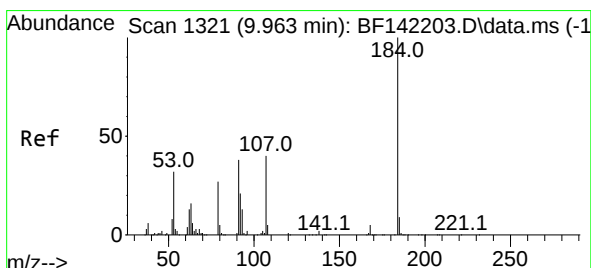
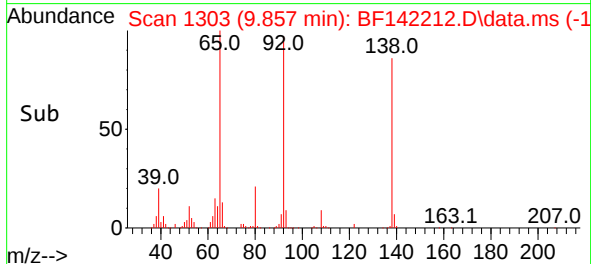
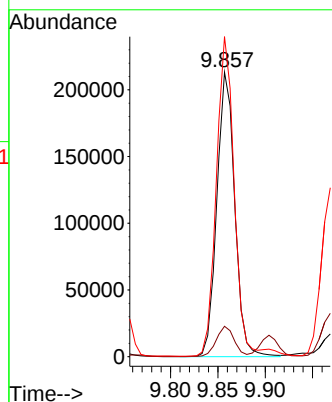
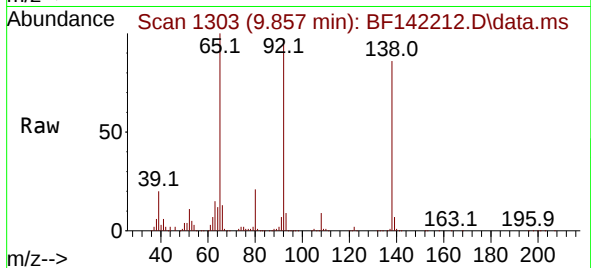




#53
3-Nitroaniline
Concen: 21.045 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

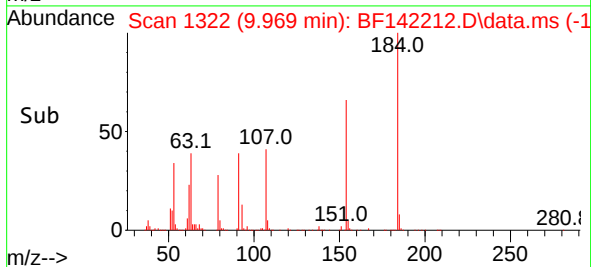
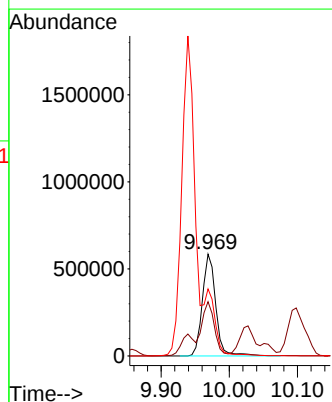
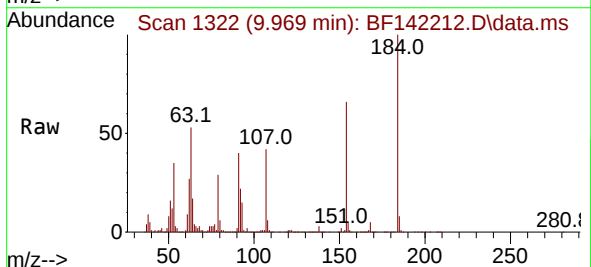
Instrument :
BNA_F
ClientSampleId :

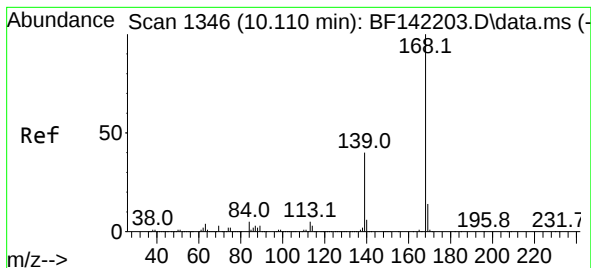
Tgt Ion:138 Resp: 280708
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 112.5 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 117.147 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:184 Resp: 798731
Ion Ratio Lower Upper
184 100
63 53.3 39.0 58.4
154 65.9 52.2 78.4





#55

Dibenzenofuran

Concen: 44.607 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.000 min

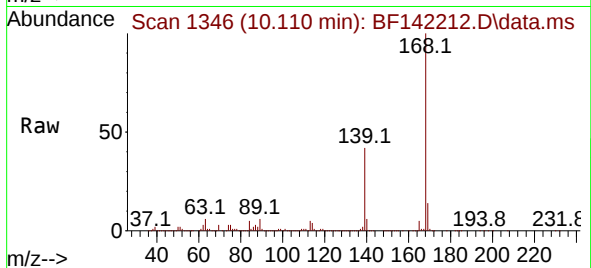
Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :



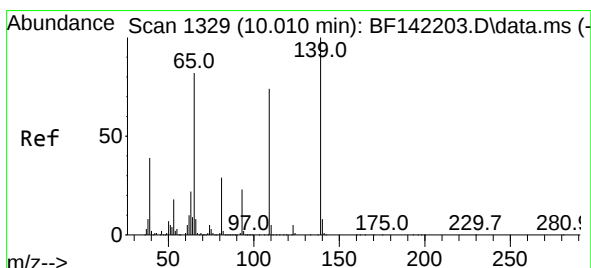
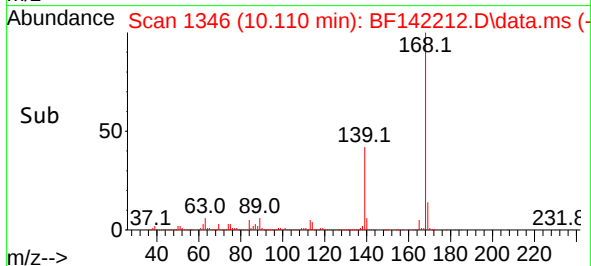
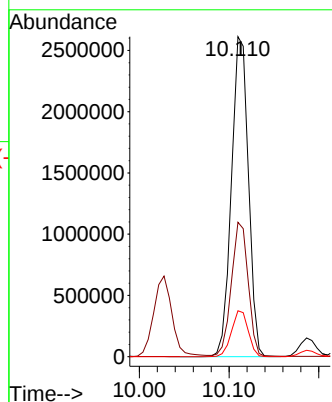
Tgt Ion:168 Resp: 3428638

Ion Ratio Lower Upper

168 100

139 42.0 32.3 48.5

169 14.3 11.4 17.0



#56

4-Nitrophenol

Concen: 95.841 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.017 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

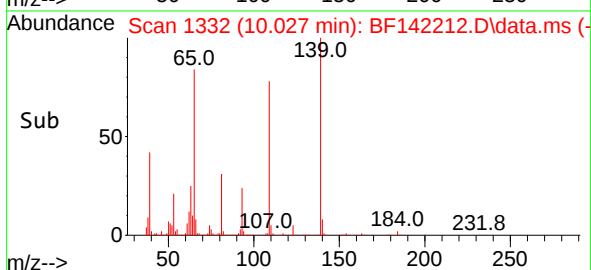
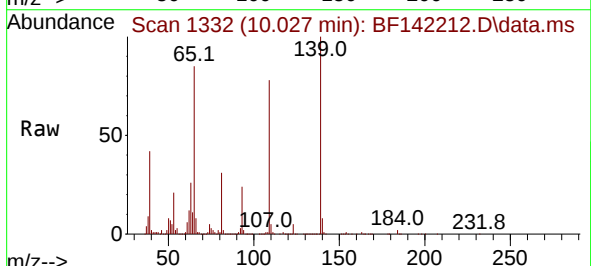
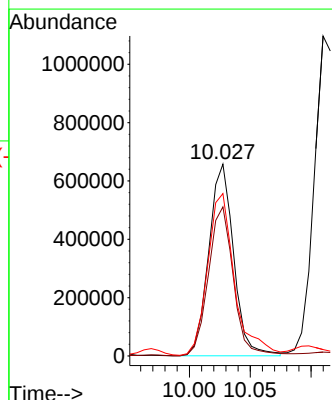
Tgt Ion:139 Resp: 935141

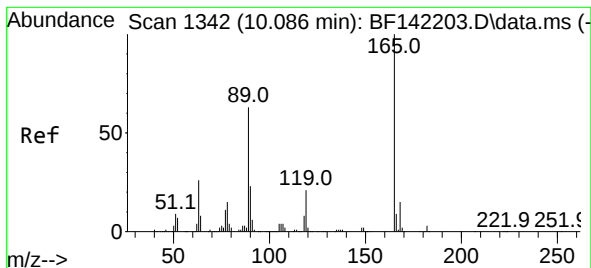
Ion Ratio Lower Upper

139 100

109 77.7 54.1 94.1

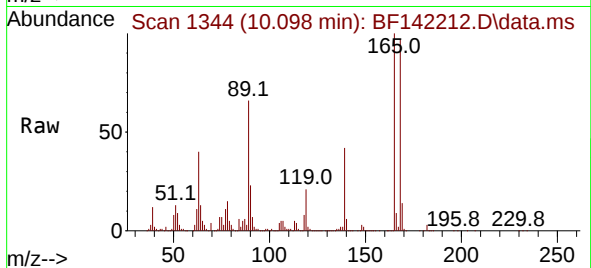
65 84.6 62.1 102.1



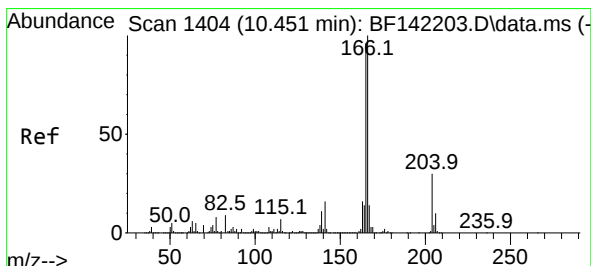
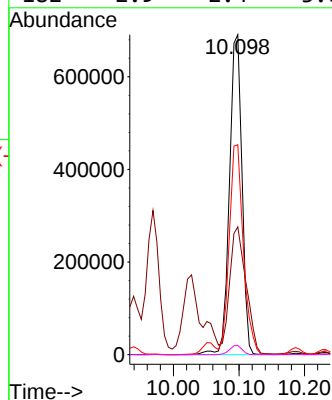
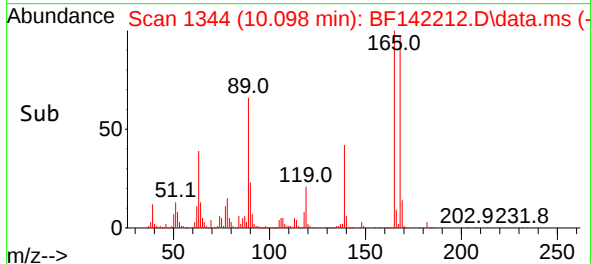


#57
2,4-Dinitrotoluene
Concen: 50.661 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

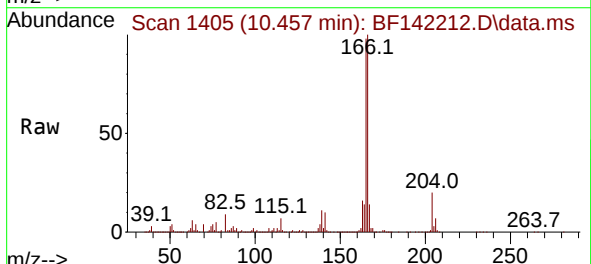
Instrument :
BNA_F
ClientSampleId :



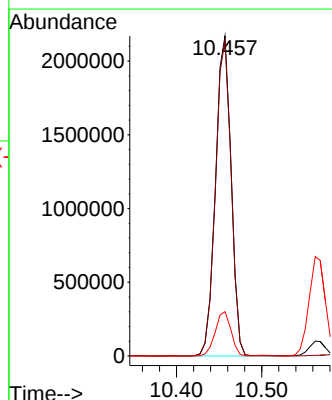
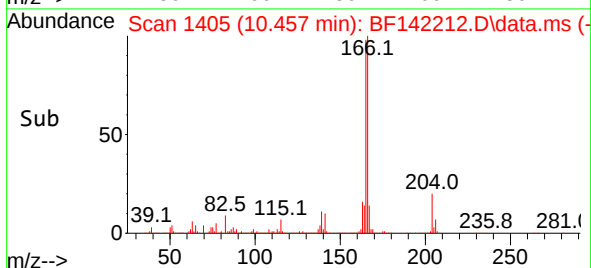
Tgt Ion:165 Resp: 910889
Ion Ratio Lower Upper
165 100
63 39.9 29.0 43.6
89 65.6 50.1 75.1
182 2.9 2.4 3.6

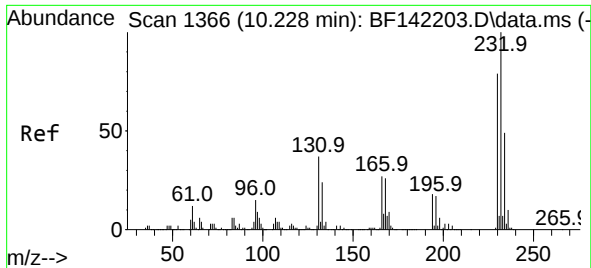


#58
Fluorene
Concen: 46.411 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



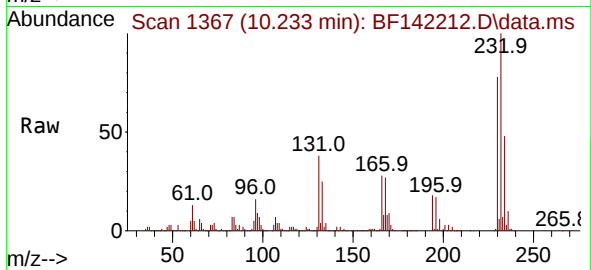
Tgt Ion:166 Resp: 2759497
Ion Ratio Lower Upper
166 100
165 98.4 77.1 115.7
167 13.9 11.0 16.4



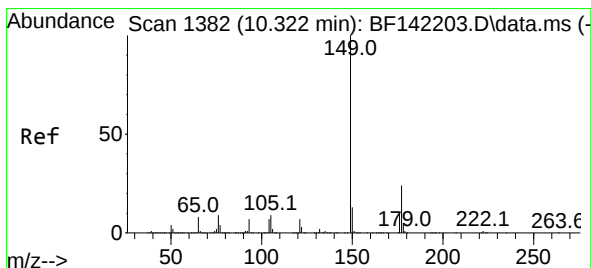
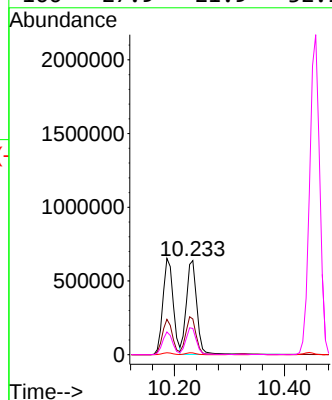
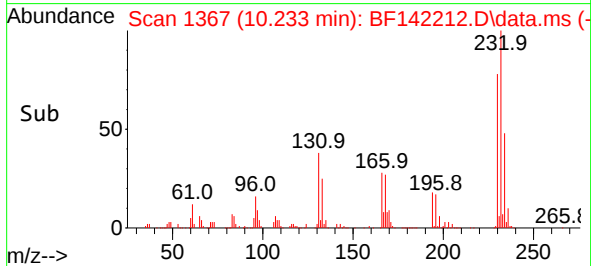


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.654 ng
RT: 10.233 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

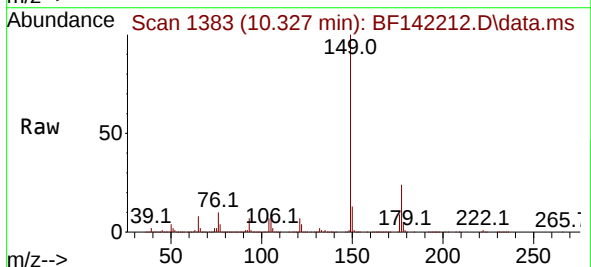
Instrument :
BNA_F
ClientSampleId :



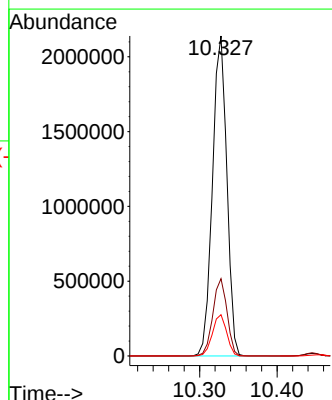
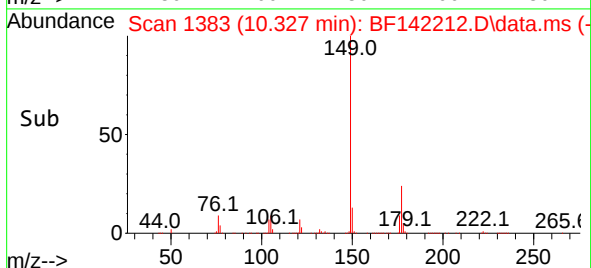
Tgt Ion:232 Resp: 843628
Ion Ratio Lower Upper
232 100
131 39.4 31.9 47.9
130 2.0 1.6 2.4
166 27.9 21.9 32.9

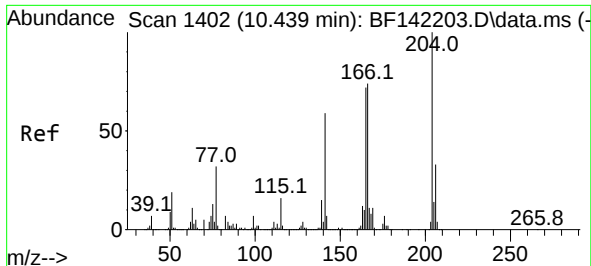


#60
Diethylphthalate
Concen: 47.510 ng
RT: 10.327 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13



Tgt Ion:149 Resp: 2750816
Ion Ratio Lower Upper
149 100
177 24.1 19.6 29.4
150 12.9 10.6 15.8

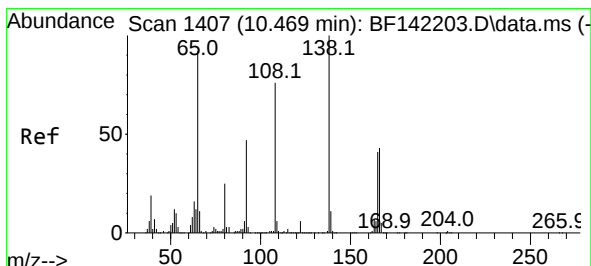
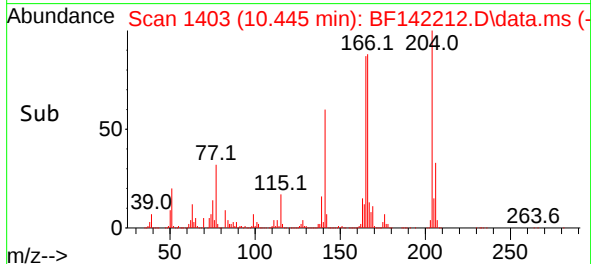
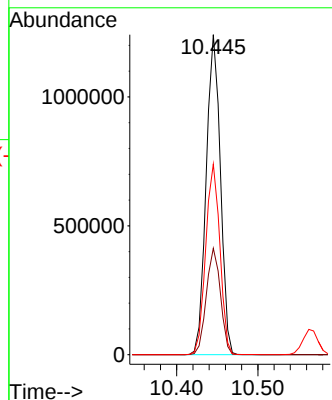
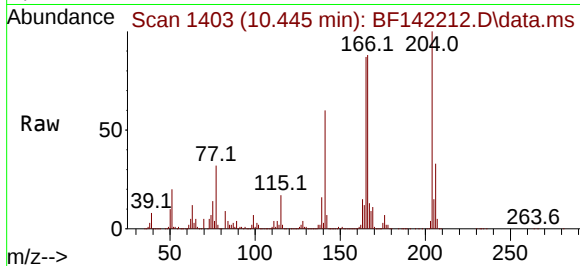




#61
4-Chlorophenyl-phenylether
Concen: 45.912 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

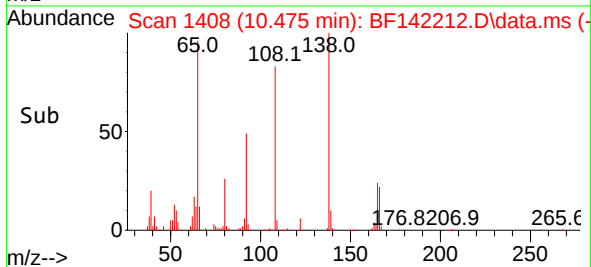
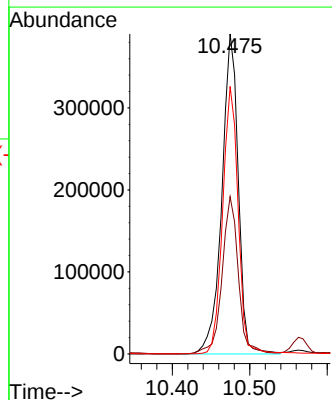
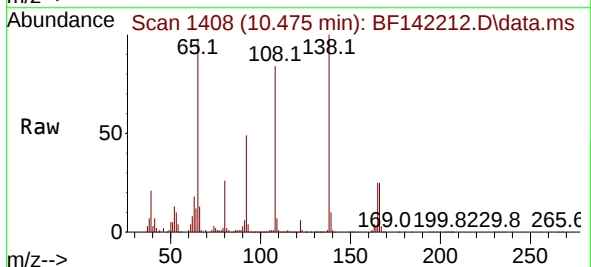
Instrument :
BNA_F
ClientSampleId :

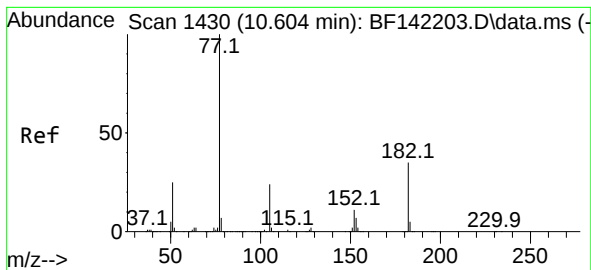
Tgt Ion:204 Resp: 1503086
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.5 47.0 70.6



#62
4-Nitroaniline
Concen: 45.336 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:138 Resp: 574789
Ion Ratio Lower Upper
138 100
92 49.1 26.7 66.7
108 83.6 56.5 96.5

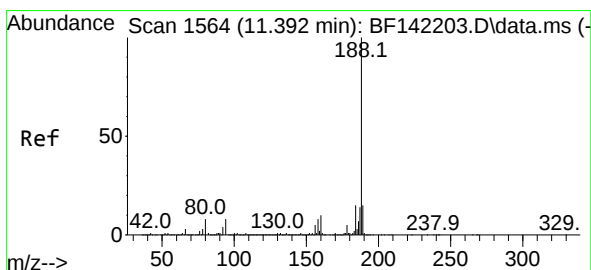
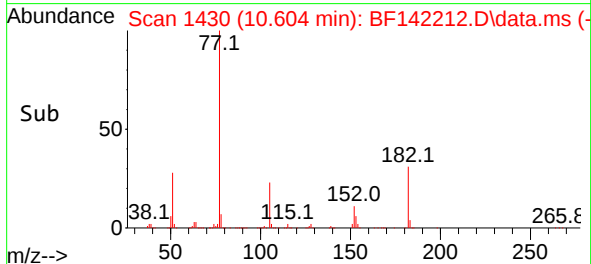
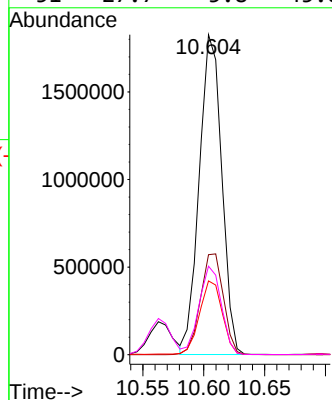
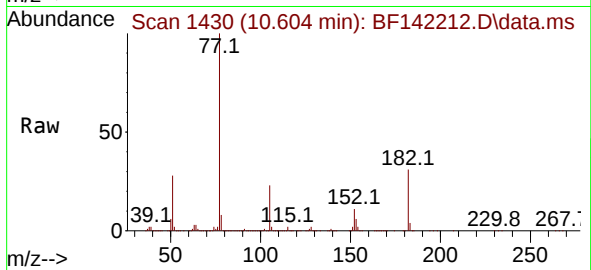




#63
Azobenzene
Concen: 46.423 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

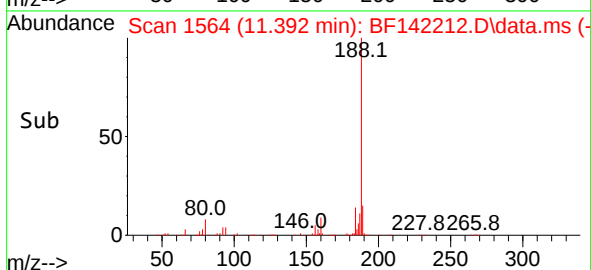
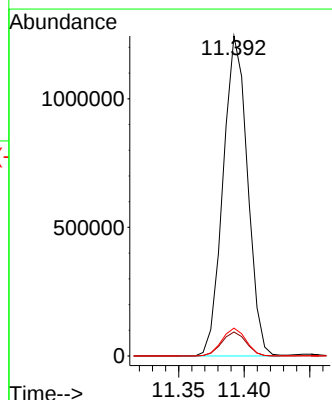
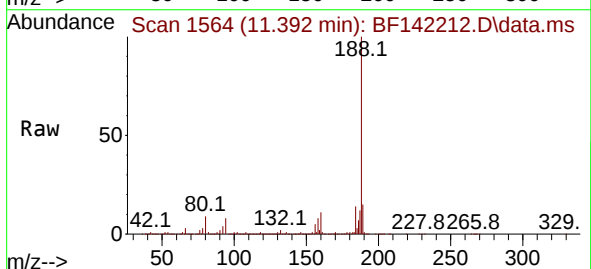
Instrument :
BNA_F
ClientSampleId :

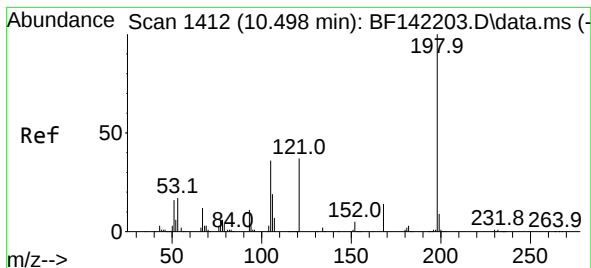
Tgt Ion: 77 Resp: 2340482
Ion Ratio Lower Upper
77 100
182 31.2 14.8 54.8
105 23.0 4.0 44.0
51 27.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:188 Resp: 1611136
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.7 6.7 10.1

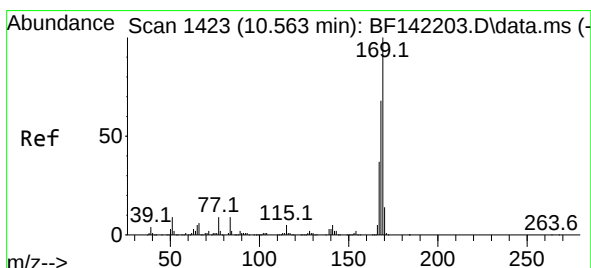
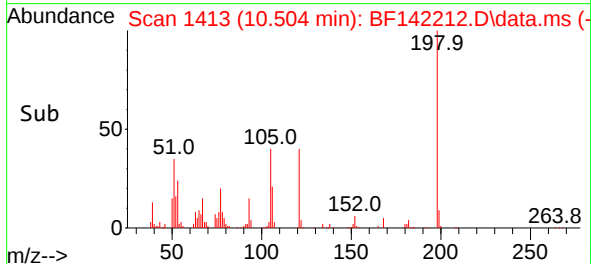
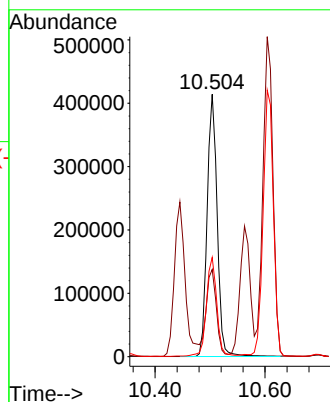
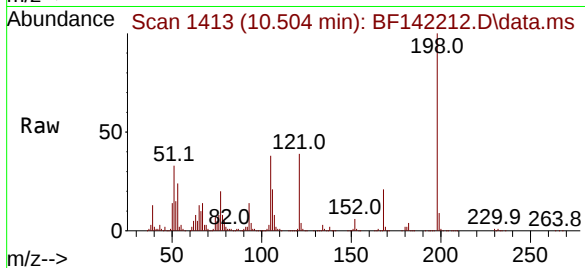




#65
4,6-Dinitro-2-methylphenol
Concen: 55.684 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

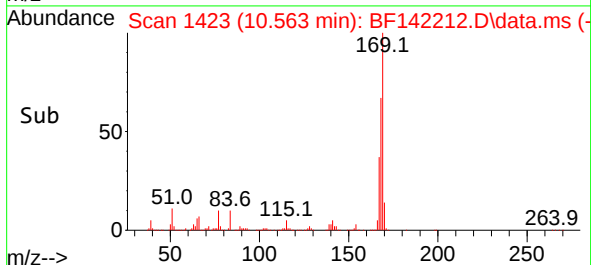
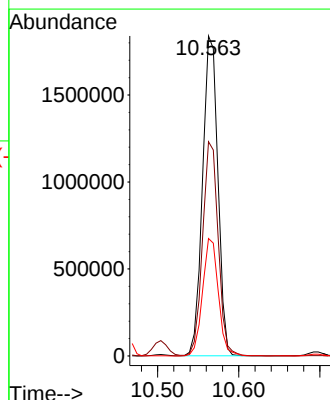
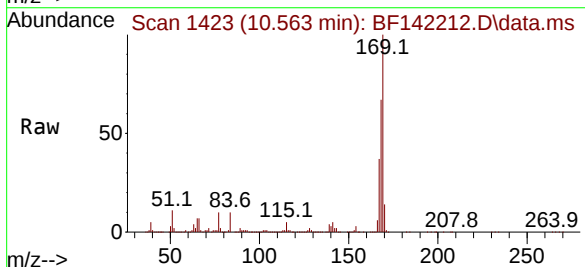
Instrument :
BNA_F
ClientSampleId :

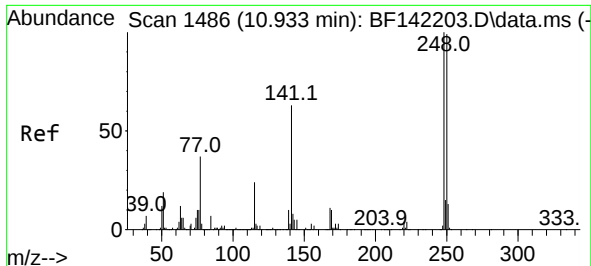
Tgt Ion:198 Resp: 523681
Ion Ratio Lower Upper
198 100
51 33.2 10.2 50.2
105 37.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 48.776 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:169 Resp: 2408498
Ion Ratio Lower Upper
169 100
168 67.0 54.2 81.2
167 36.7 29.4 44.2

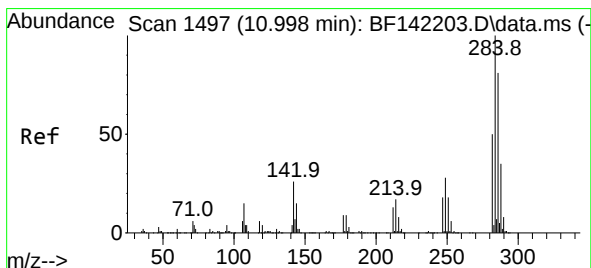
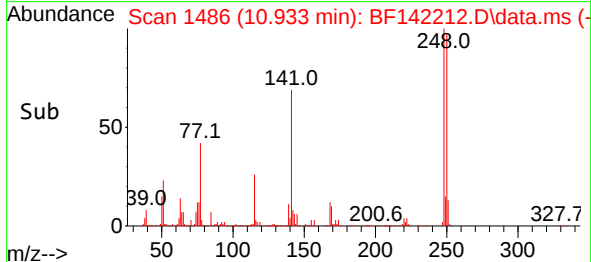
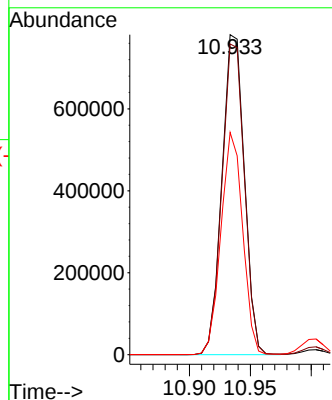
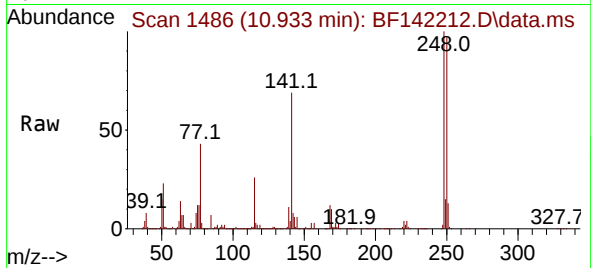




#67
4-Bromophenyl-phenylether
Concen: 47.389 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

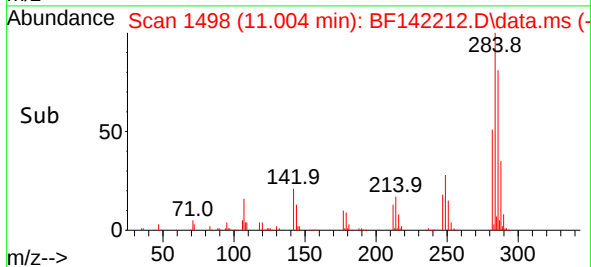
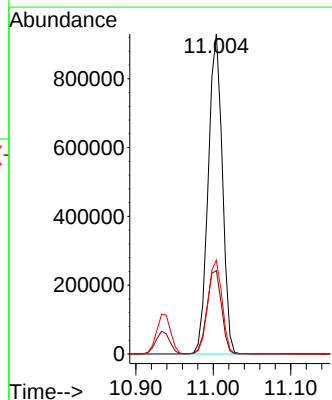
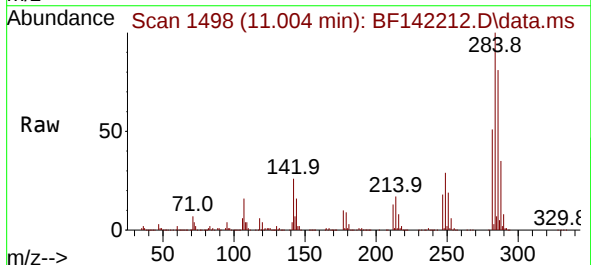
Instrument :
BNA_F
ClientSampleId :

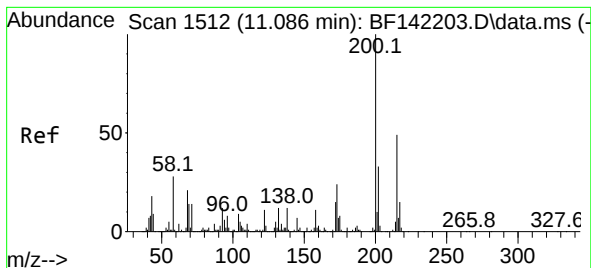
Tgt Ion:248 Resp: 1004102
Ion Ratio Lower Upper
248 100
250 97.1 78.8 118.2
141 69.5 50.6 75.8



#68
Hexachlorobenzene
Concen: 46.635 ng
RT: 11.004 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:284 Resp: 1175895
Ion Ratio Lower Upper
284 100
142 26.1 20.7 31.1
249 29.3 22.8 34.2





#69

Atrazine

Concen: 68.721 ng

RT: 11.092 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

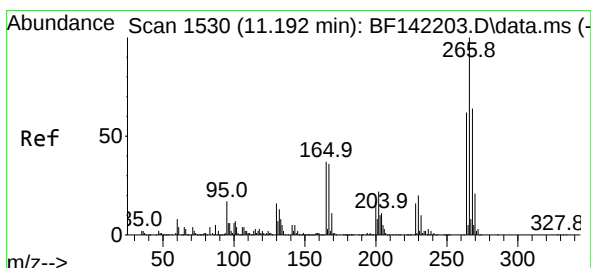
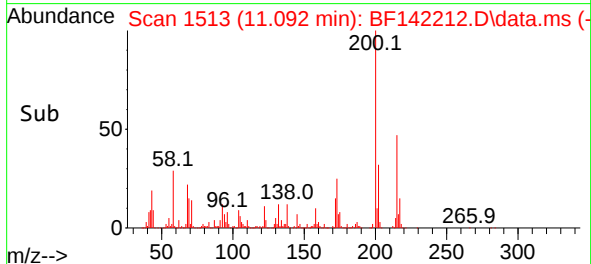
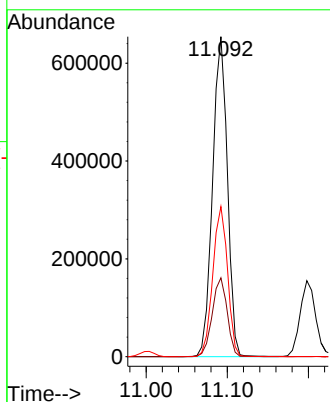
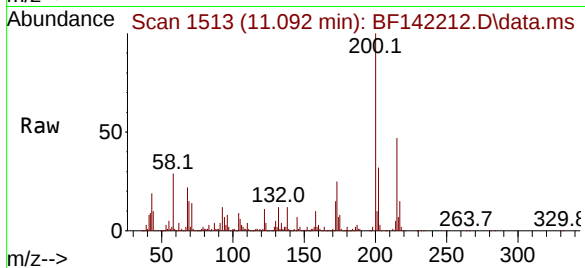
Tgt Ion:200 Resp: 828105

Ion Ratio Lower Upper

200 100

173 24.7 4.4 44.4

215 46.9 28.6 68.6



#70

Pentachlorophenol

Concen: 96.413 ng

RT: 11.198 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

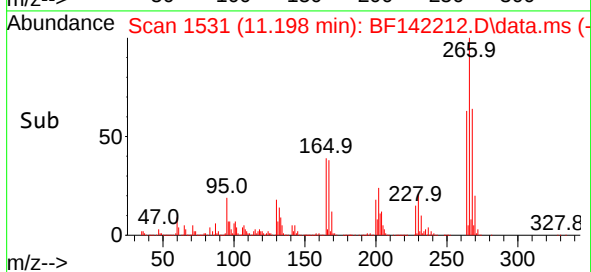
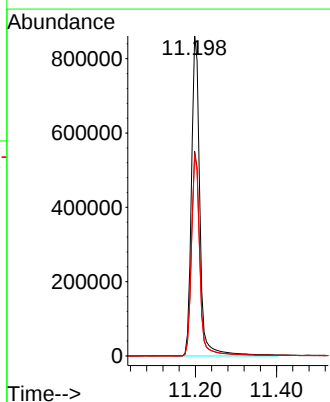
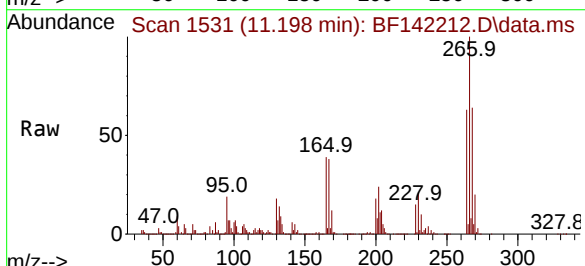
Tgt Ion:266 Resp: 1240177

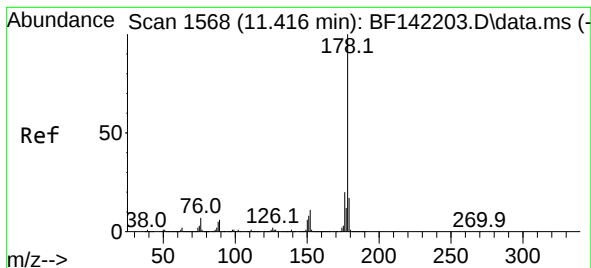
Ion Ratio Lower Upper

266 100

268 64.0 50.9 76.3

264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 48.366 ng

RT: 11.422 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

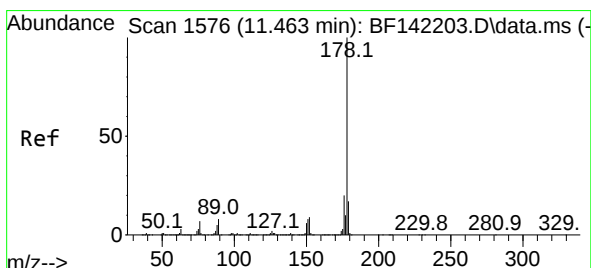
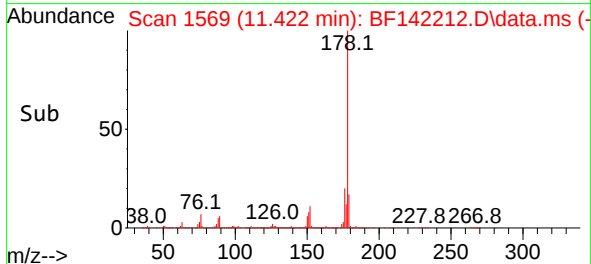
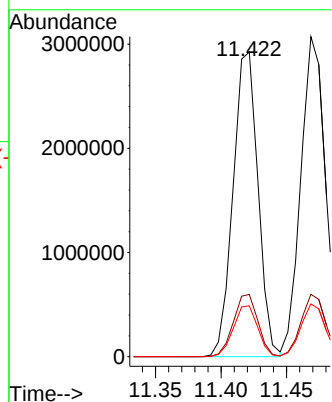
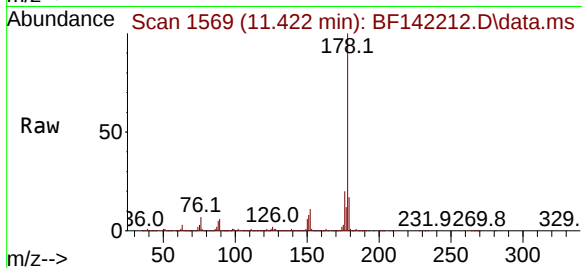
Tgt Ion:178 Resp: 3869590

Ion Ratio Lower Upper

178 100

176 20.5 16.3 24.5

179 16.7 13.3 19.9



#72

Anthracene

Concen: 49.798 ng

RT: 11.469 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

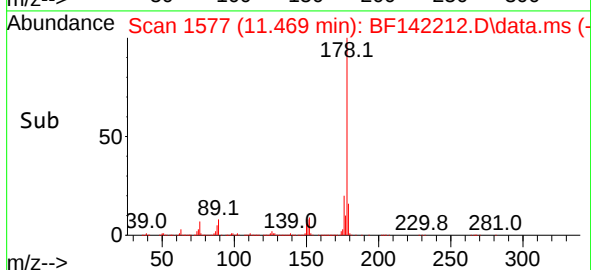
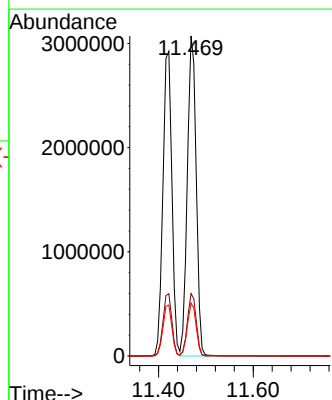
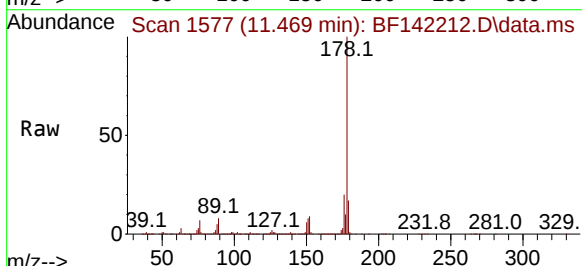
Tgt Ion:178 Resp: 3983737

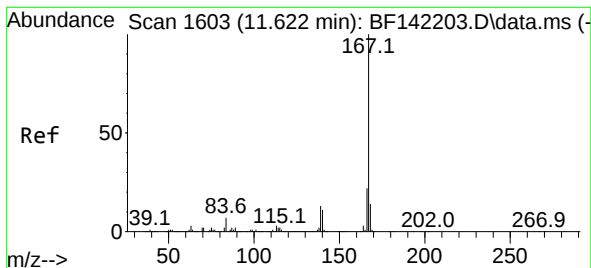
Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 16.5 13.4 20.0





#73

Carbazole

Concen: 46.685 ng

RT: 11.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

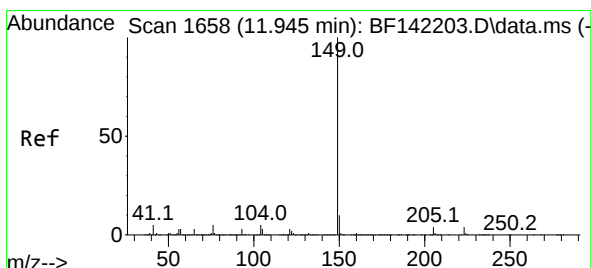
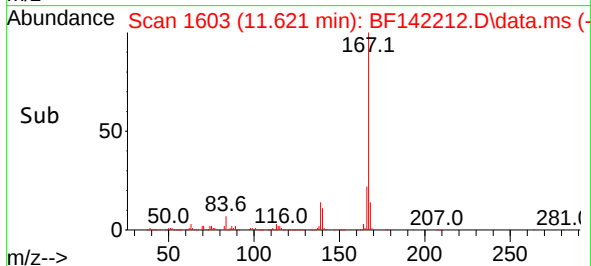
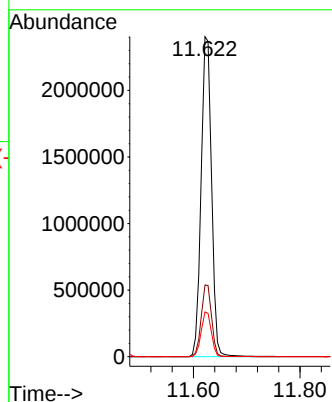
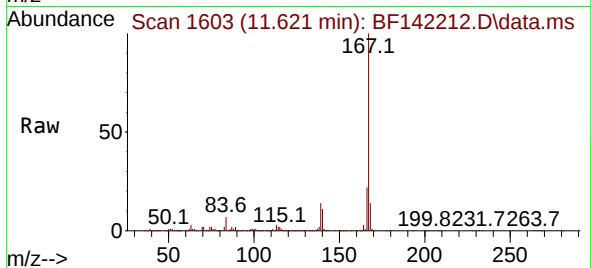
Tgt Ion:167 Resp: 3262787

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

139 14.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 49.778 ng

RT: 11.951 min Scan# 1659

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

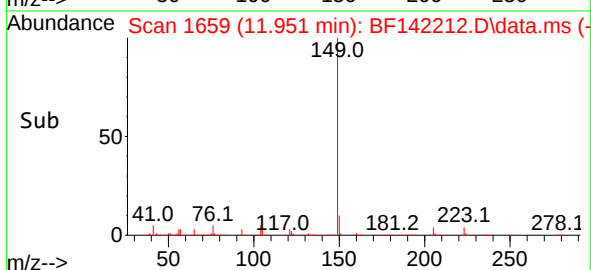
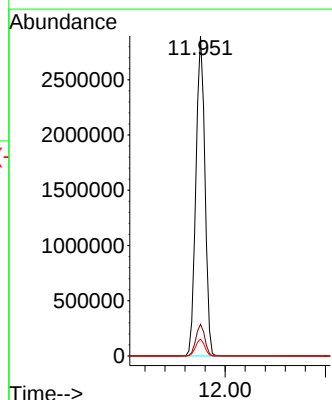
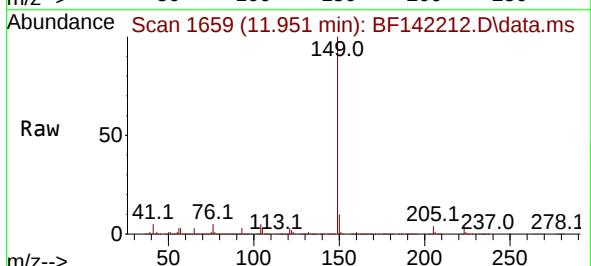
Tgt Ion:149 Resp: 3600759

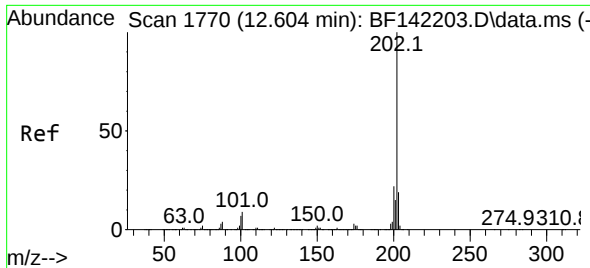
Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

104 5.3 4.0 6.0



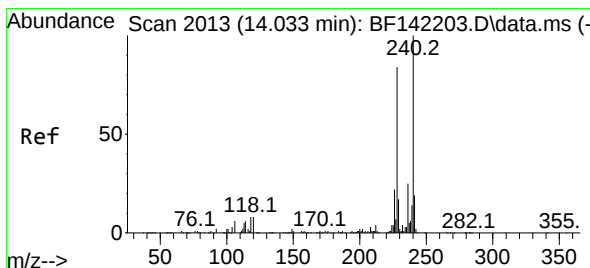
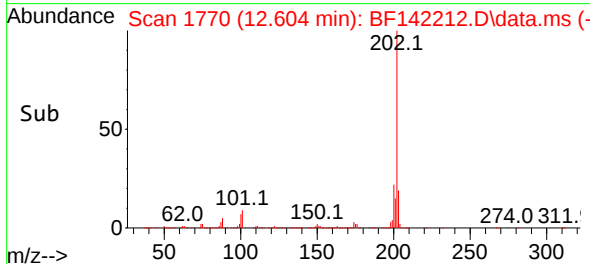
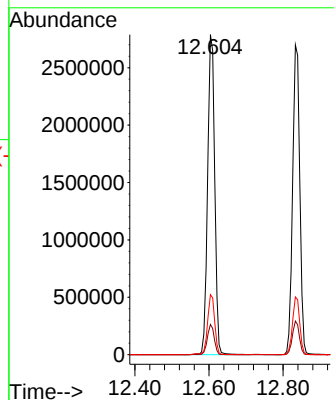
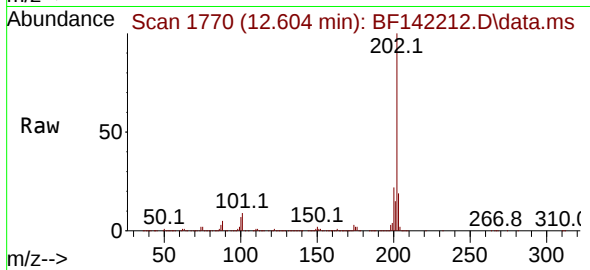


#75
 Fluoranthene
 Concen: 44.510 ng
 RT: 12.604 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:202 Resp: 3701689

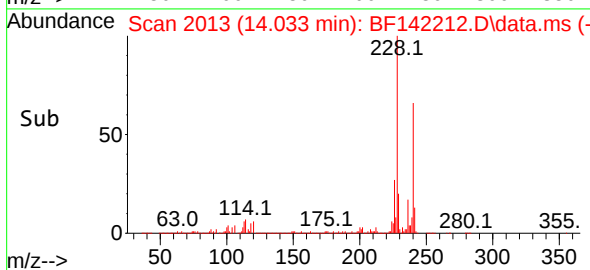
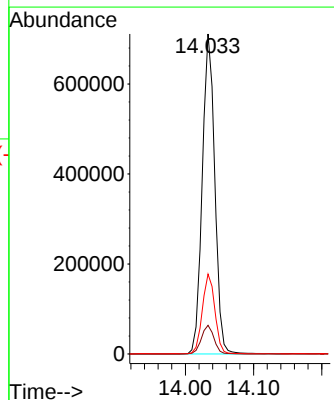
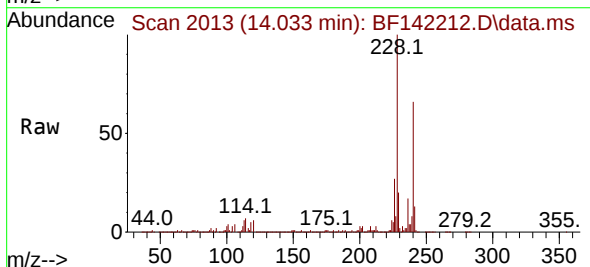
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	28.9
203	18.8	0.0	38.6

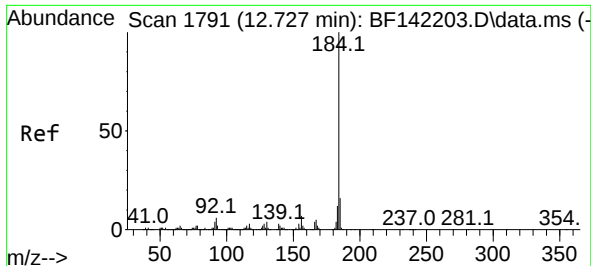


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.033 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

Tgt Ion:240 Resp: 909574

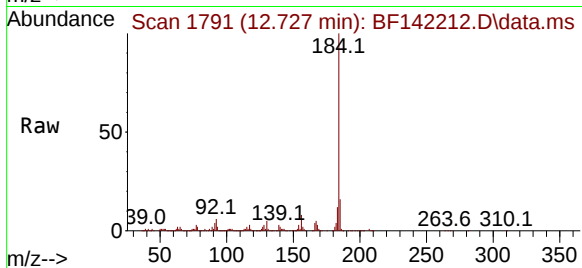
Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.1	10.7
236	25.0	20.2	30.2



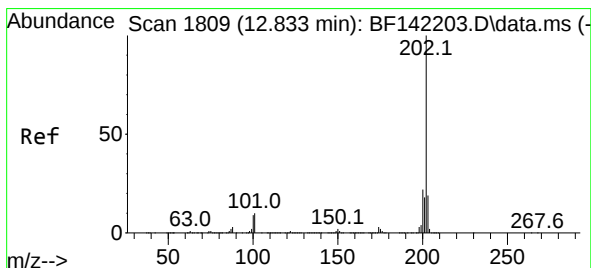
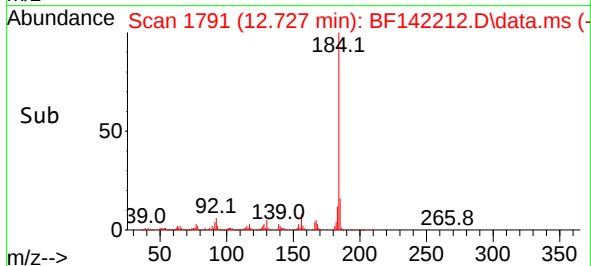
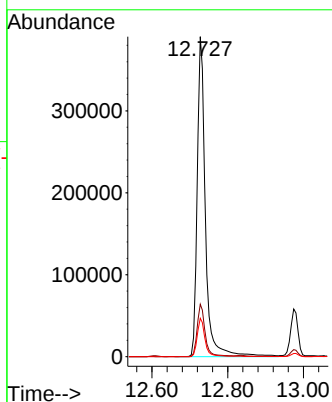


#77
Benzidine
Concen: 50.686 ng
RT: 12.727 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Instrument :
BNA_F
ClientSampleId :

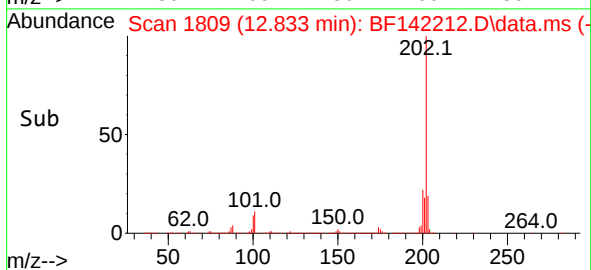
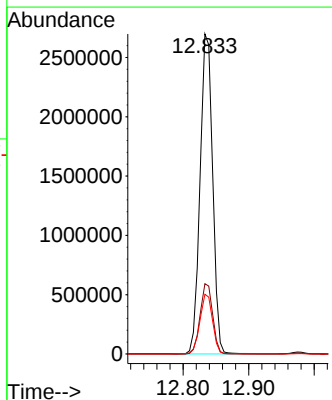
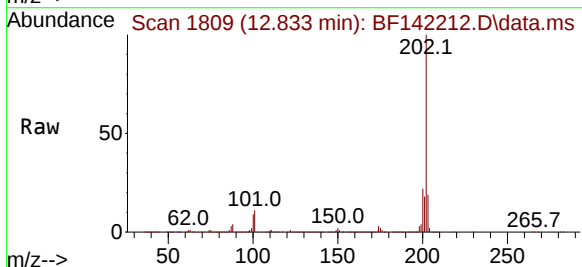


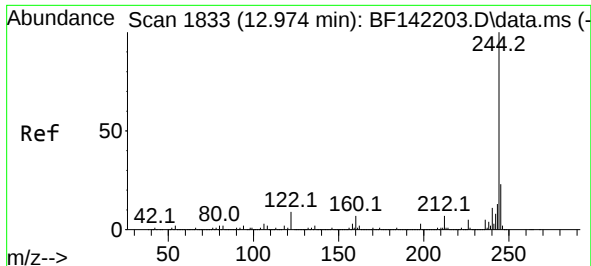
Tgt Ion:184 Resp: 594934
Ion Ratio Lower Upper
184 100
185 16.4 13.0 19.6
183 12.0 9.6 14.4



#78
Pyrene
Concen: 49.951 ng
RT: 12.833 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

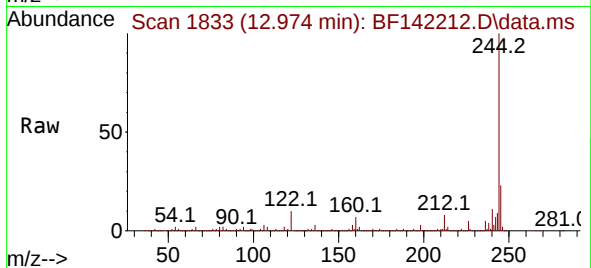
Tgt Ion:202 Resp: 3608456
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.7 14.8 22.2



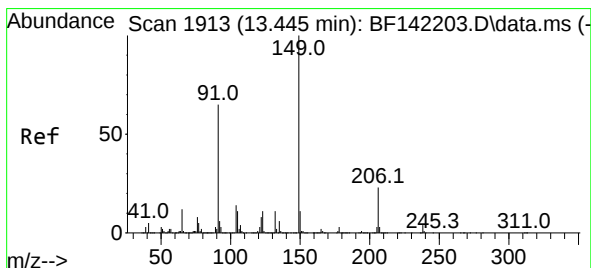
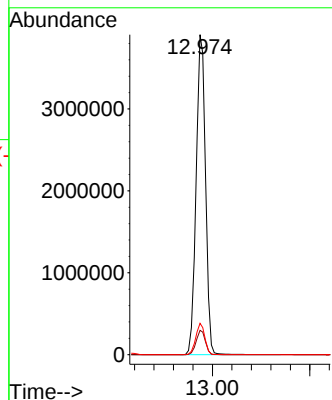
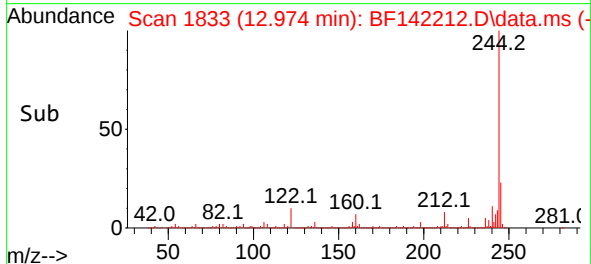


#79
 Terphenyl-d14
 Concen: 96.756 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13

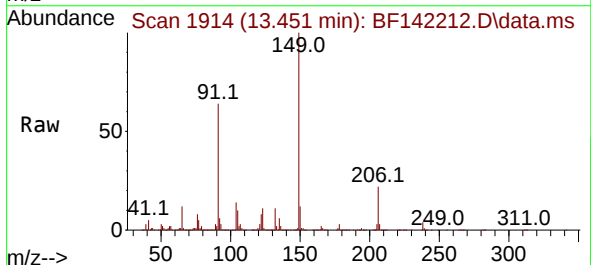
Instrument :
 BNA_F
 ClientSampleId :



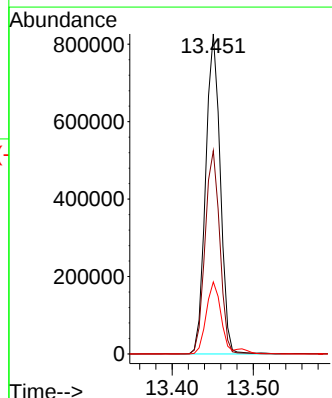
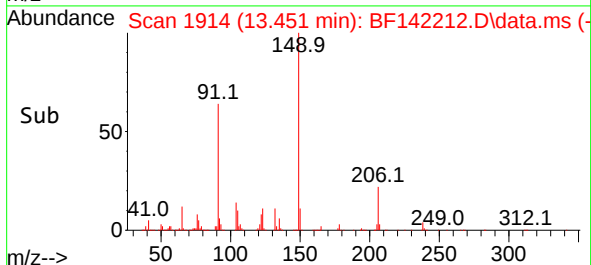
Tgt Ion:244 Resp: 5253181
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.8 7.3 10.9

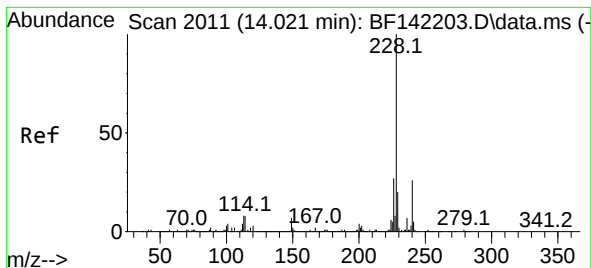


#80
 Butylbenzylphthalate
 Concen: 58.960 ng
 RT: 13.451 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF142212.D
 Acq: 22 Apr 2025 15:13



Tgt Ion:149 Resp: 1030935
 Ion Ratio Lower Upper
 149 100
 91 63.5 51.8 77.8
 206 22.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 48.770 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

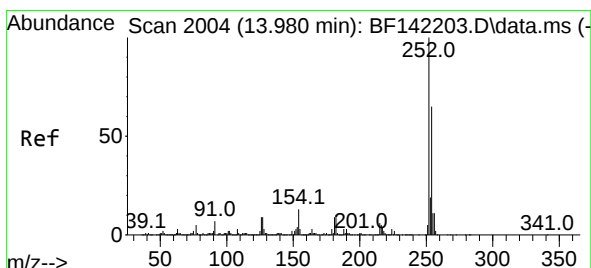
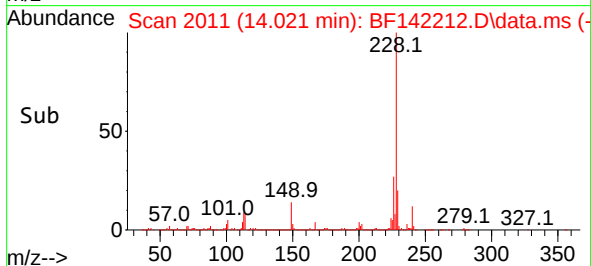
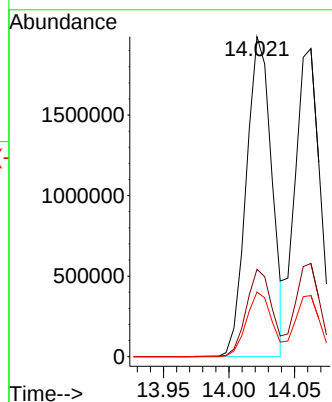
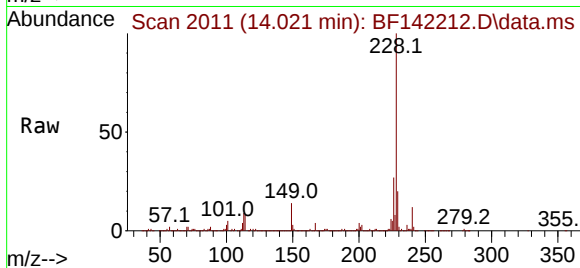
Tgt Ion:228 Resp: 2686778

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 19.224 ng

RT: 13.986 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

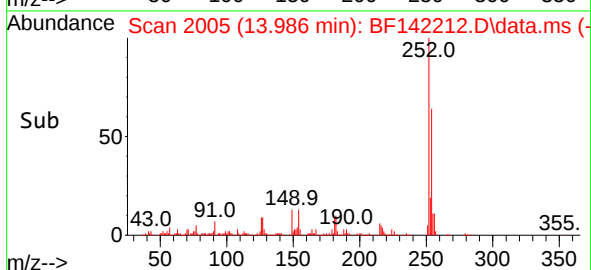
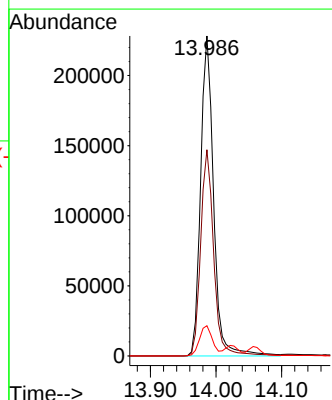
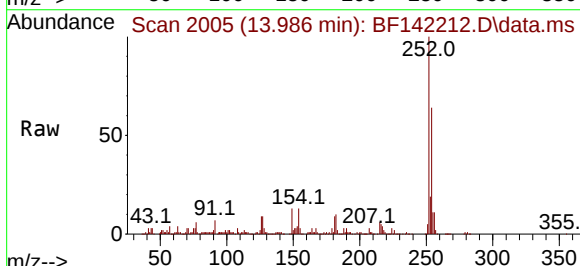
Tgt Ion:252 Resp: 315378

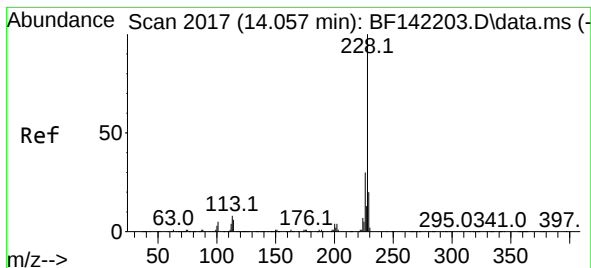
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 9.4 7.4 11.0





#83

Chrysene

Concen: 48.343 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

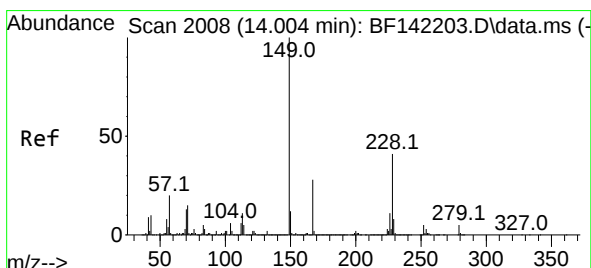
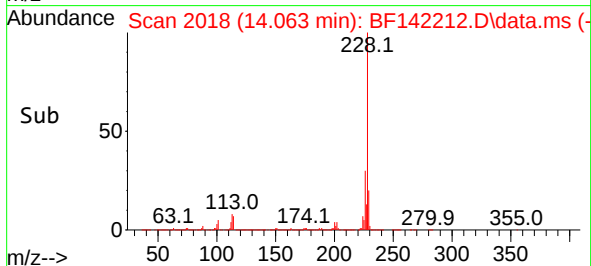
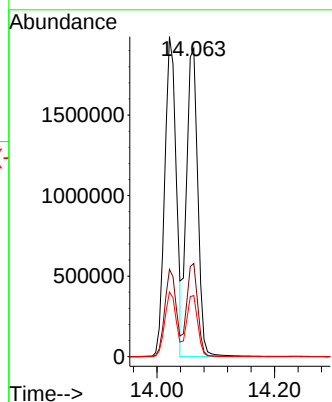
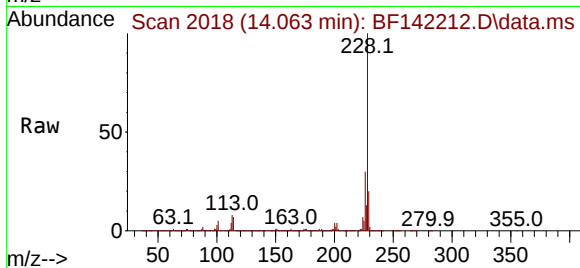
Tgt Ion:228 Resp: 2566006

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.953 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

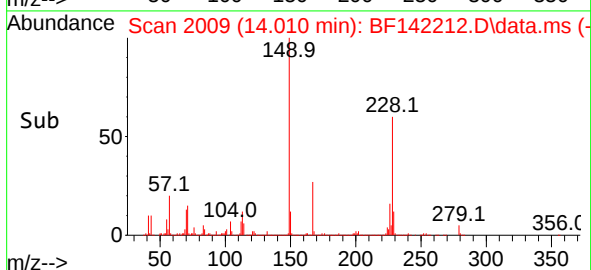
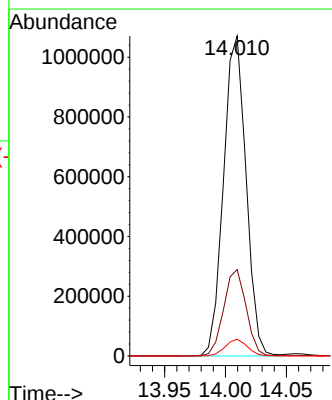
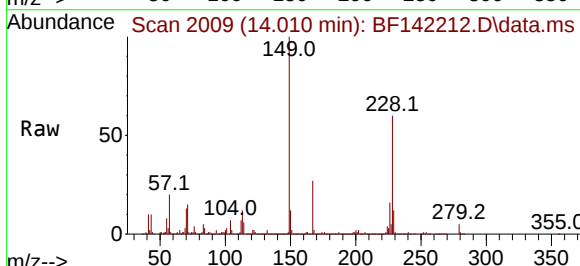
Tgt Ion:149 Resp: 1379037

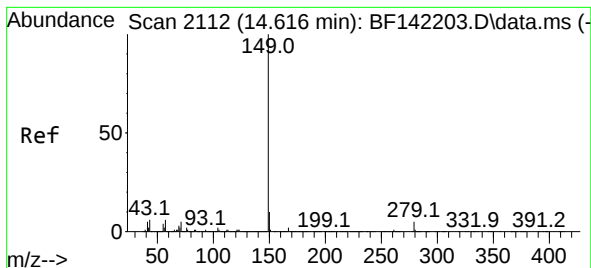
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 62.457 ng

RT: 14.621 min Scan# 2113

Delta R.T. 0.005 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

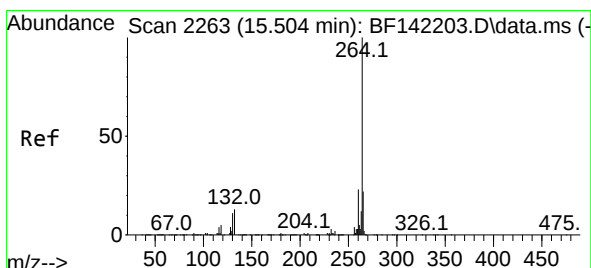
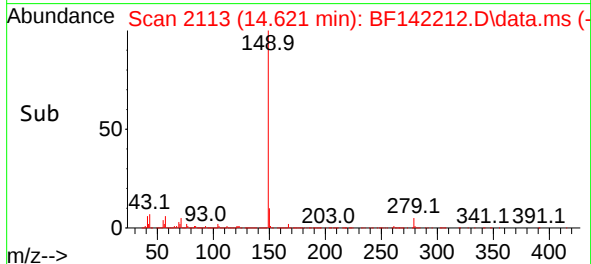
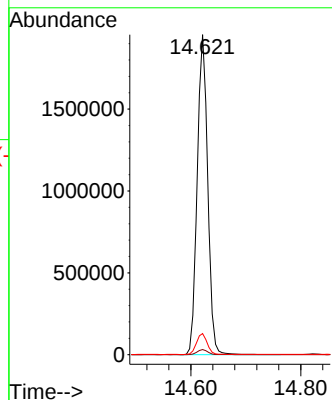
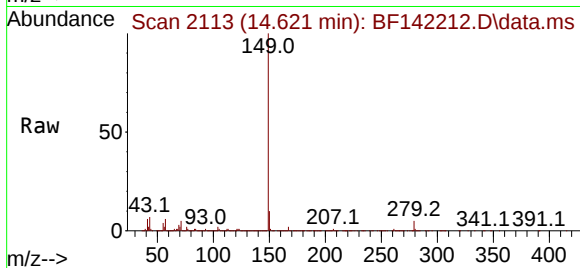
Tgt Ion:149 Resp: 2587646

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 6.7 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

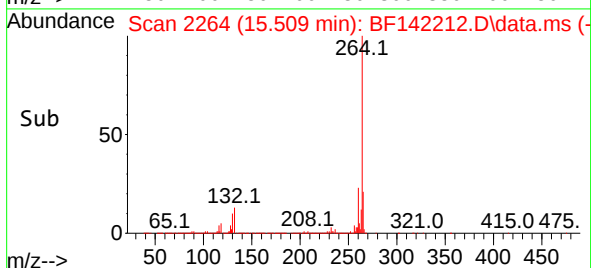
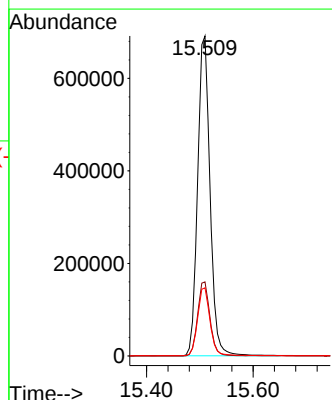
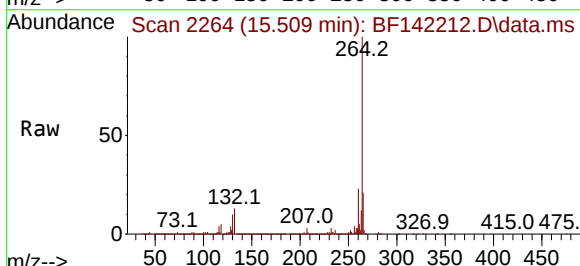
Tgt Ion:264 Resp: 1121405

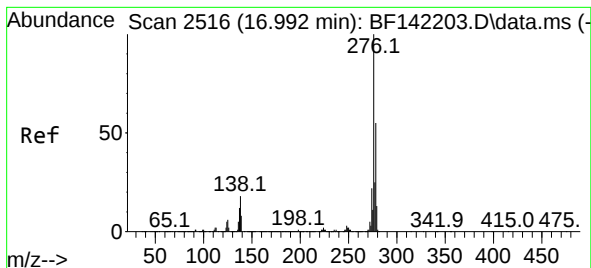
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.608 ng

RT: 17.003 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

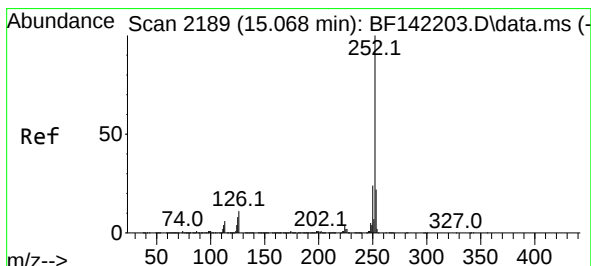
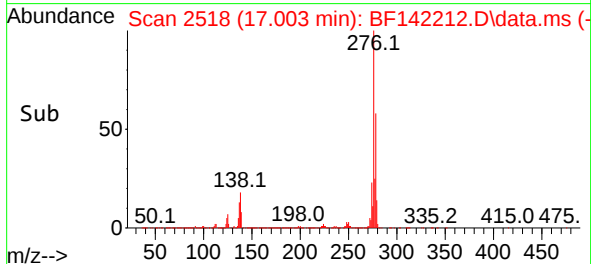
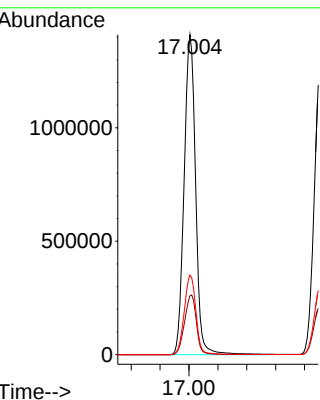
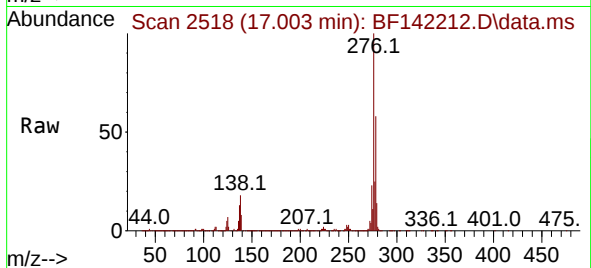
Tgt Ion:276 Resp: 3903112

Ion Ratio Lower Upper

276 100

138 19.3 15.1 22.7

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.453 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

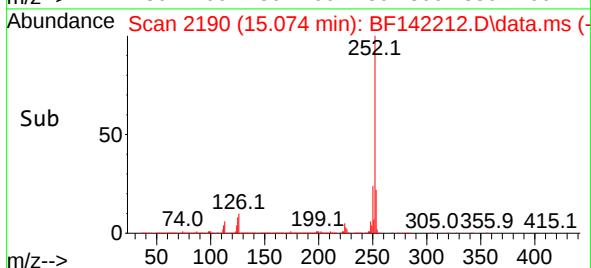
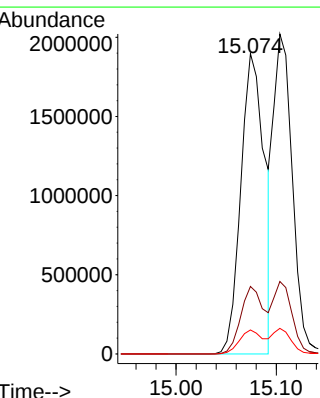
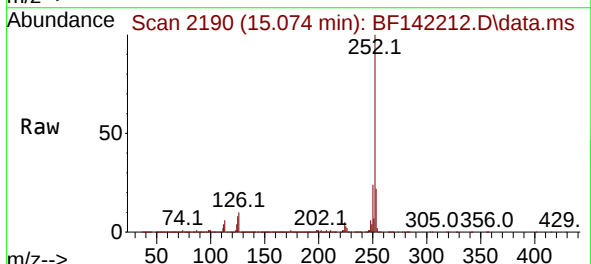
Tgt Ion:252 Resp: 3111306

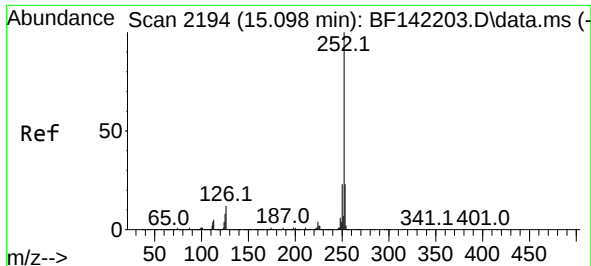
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.0 6.4 9.6

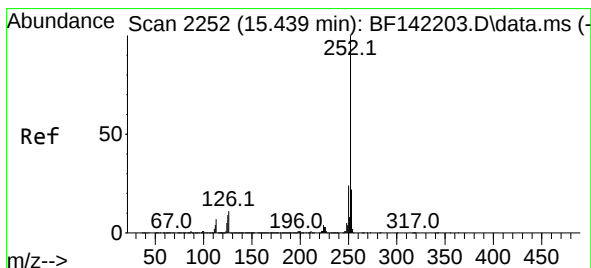
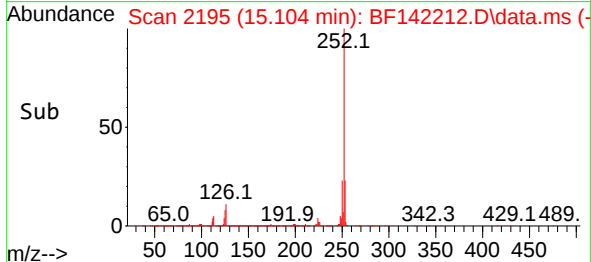
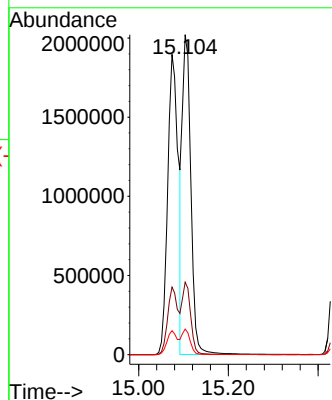
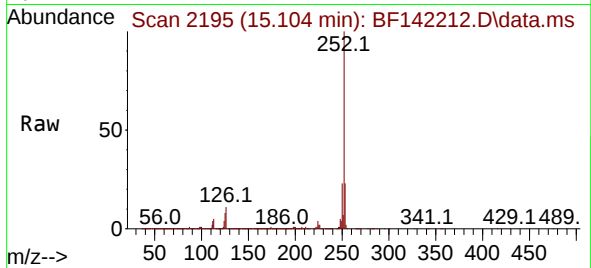




#89
Benzo(k)fluoranthene
Concen: 43.360 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

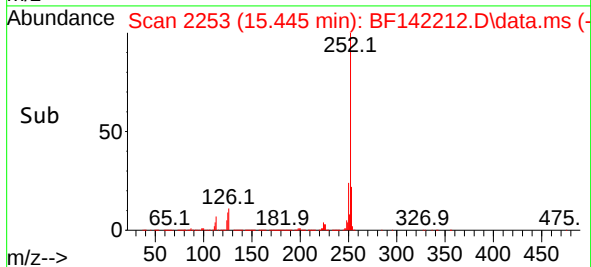
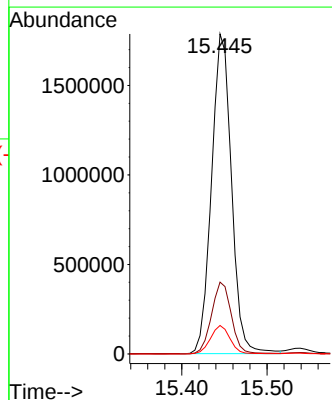
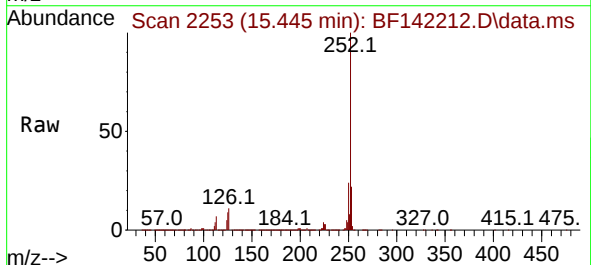
Instrument :
BNA_F
ClientSampleId :

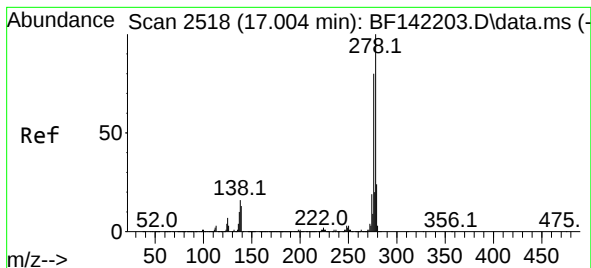
Tgt Ion:252 Resp: 2694376
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 8.0 6.6 10.0



#90
Benzo(a)pyrene
Concen: 51.636 ng
RT: 15.445 min Scan# 2253
Delta R.T. 0.006 min
Lab File: BF142212.D
Acq: 22 Apr 2025 15:13

Tgt Ion:252 Resp: 2907359
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.9 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 49.821 ng

RT: 17.021 min Scan# 2518

Delta R.T. 0.018 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Instrument :

BNA_F

ClientSampleId :

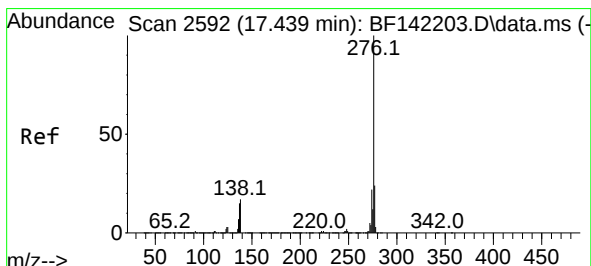
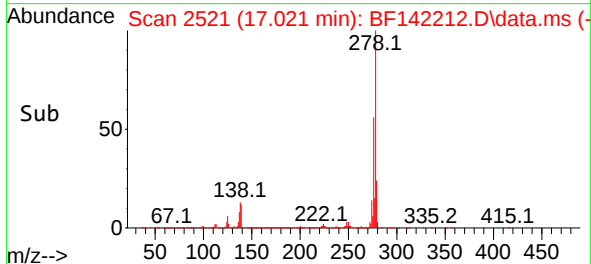
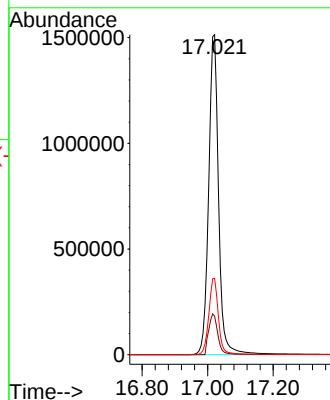
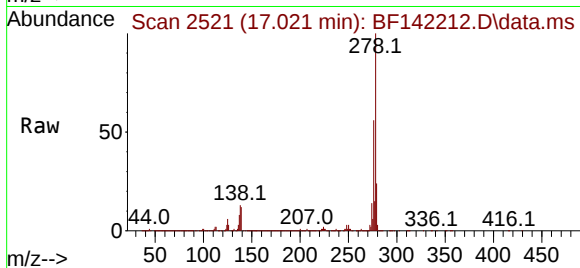
Tgt Ion:278 Resp: 3197610

Ion Ratio Lower Upper

278 100

139 12.0 10.2 15.4

279 23.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 47.166 ng

RT: 17.451 min Scan# 2594

Delta R.T. 0.012 min

Lab File: BF142212.D

Acq: 22 Apr 2025 15:13

Tgt Ion:276 Resp: 3152960

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 16.8 13.4 20.2

