

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142200.D
 Acq On : 21 Apr 2025 11:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:00:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	576027	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2219115	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	1288428	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2308754	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1558310	20.000	ng	0.00
86) Perylene-d12	15.504	264	1289026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	319806	10.409	ng	0.00
7) Phenol-d6	6.481	99	402018	10.448	ng	-0.01
23) Nitrobenzene-d5	7.422	82	358961	10.159	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	158726	9.010	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	957449	12.112	ng	0.00
79) Terphenyl-d14	12.969	244	1083297	11.646	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	68076	5.459	ng	99
3) Pyridine	3.416	79	119135	4.401	ng	98
4) n-Nitrosodimethylamine	3.328	42	51204	4.659	ng	# 90
6) Aniline	6.522	93	188229	5.298	ng	99
8) 2-Chlorophenol	6.646	128	180527	5.133	ng	99
9) Benzaldehyde	6.416	77	127940	6.056	ng	99
10) Phenol	6.498	94	209844	5.171	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	157951	5.161	ng	96
12) 1,3-Dichlorobenzene	6.804	146	214223	5.375	ng	98
13) 1,4-Dichlorobenzene	6.881	146	228798	5.598	ng	95
14) 1,2-Dichlorobenzene	7.034	146	211789	5.570	ng	99
15) Benzyl Alcohol	7.004	79	134779	4.804	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	158001	5.326	ng	99
17) 2-Methylphenol	7.110	107	132892	5.021	ng	99
18) Hexachloroethane	7.375	117	73311	5.280	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	121049	5.563	ng	98
20) 3+4-Methylphenols	7.263	107	172011	5.225	ng	# 83
22) Acetophenone	7.269	105	259474	5.327	ng	99
24) Nitrobenzene	7.440	77	176344	5.038	ng	99
25) Isophorone	7.675	82	304315	5.131	ng	97
26) 2-Nitrophenol	7.763	139	74239	4.035	ng	99
27) 2,4-Dimethylphenol	7.793	122	111344	4.654	ng	98
28) bis(2-Chloroethoxy)met...	7.893	93	198731	5.105	ng	99
29) 2,4-Dichlorophenol	8.004	162	155675	4.784	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	200906	5.280	ng	98
31) Naphthalene	8.169	128	598543	5.710	ng	98
32) Benzoic acid	7.869	122	30283	8.049	ng	98
33) 4-Chloroaniline	8.222	127	189026	4.980	ng	98
34) Hexachlorobutadiene	8.281	225	128740	5.127	ng	98
35) Caprolactam	8.545	113	37599	4.331	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	161981	4.945	ng	98
37) 2-Methylnaphthalene	8.857	142	399299	5.512	ng	98
38) 1-Methylnaphthalene	8.957	142	397511	5.667	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	221255	5.248	ng	100
41) Hexachlorocyclopentadiene	9.010	237	41135	3.182	ng	94
43) 2,4,6-Trichlorophenol	9.134	196	108394	4.404	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142200.D
 Acq On : 21 Apr 2025 11:41
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

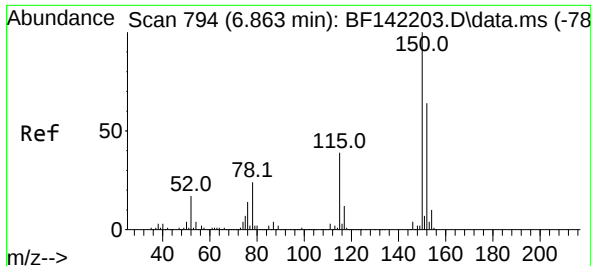
Quant Time: Apr 22 02:00:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	121505	4.606	ng	99
46) 1,1'-Biphenyl	9.322	154	526398	5.698	ng	97
47) 2-Chloronaphthalene	9.345	162	394472	5.501	ng	98
48) 2-Nitroaniline	9.439	65	74673	4.442	ng	94
49) Acenaphthylene	9.757	152	576525	5.688	ng	98
50) Dimethylphthalate	9.616	163	435410	5.271	ng	99
51) 2,6-Dinitrotoluene	9.675	165	88114	4.751	ng	90
52) Acenaphthene	9.934	154	396120	5.423	ng	98
53) 3-Nitroaniline	9.851	138	81852	4.606	ng	92
54) 2,4-Dinitrophenol	9.969	184	21449	2.361	ng	88
55) Dibenzofuran	10.104	168	590678	5.768	ng	96
56) 4-Nitrophenol	10.016	139	35512	2.732	ng	97
57) 2,4-Dinitrotoluene	10.086	165	109358	4.565	ng	99
58) Fluorene	10.445	166	444828	5.615	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	106421	4.512	ng	98
60) Diethylphthalate	10.316	149	404910	5.249	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	237295	5.440	ng	99
62) 4-Nitroaniline	10.457	138	76464	4.527	ng	98
63) Azobenzene	10.598	77	369395	5.499	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	40690	3.019	ng	94
66) n-Nitrosodiphenylamine	10.551	169	375934	5.313	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	150701	4.963	ng	97
68) Hexachlorobenzene	10.992	284	186172	5.152	ng	99
69) Atrazine	11.081	200	97174	5.627	ng	98
70) Pentachlorophenol	11.198	266	57765	3.134	ng	99
71) Phenanthrene	11.410	178	650283	5.672	ng	97
72) Anthracene	11.463	178	642901	5.608	ng	97
73) Carbazole	11.622	167	549466	5.486	ng	98
74) Di-n-butylphthalate	11.945	149	497255	4.797	ng	98
75) Fluoranthene	12.598	202	678999	5.697	ng	98
77) Benzidine	12.739	184	89578	4.455	ng	94
78) Pyrene	12.827	202	694653	5.613	ng	98
80) Butylbenzylphthalate	13.445	149	100529	3.356	ng	98
81) Benzo(a)anthracene	14.016	228	466477	4.942	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105936	3.769	ng	# 99
83) Chrysene	14.051	228	490666	5.396	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	136919	3.416	ng	99
85) Di-n-octyl phthalate	14.616	149	231625	3.263	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	444005	4.909	ng	99
88) Benzo(b)fluoranthene	15.069	252	320061	4.426	ng	97
89) Benzo(k)fluoranthene	15.098	252	354111	4.951	ng	99
90) Benzo(a)pyrene	15.439	252	318689	4.924	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	359577	4.874	ng	99
92) Benzo(g,h,i)perylene	17.433	276	378842	4.930	ng	97

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

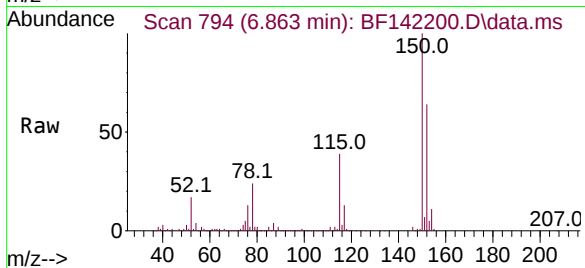
Quant Time: Apr 22 02:00:13 2025
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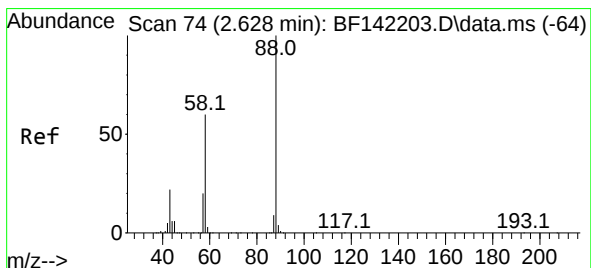
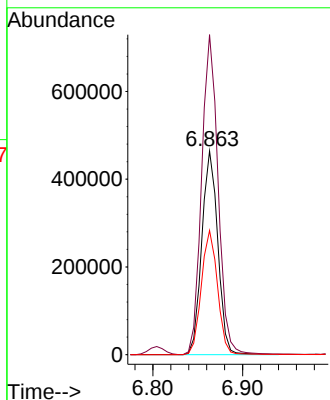
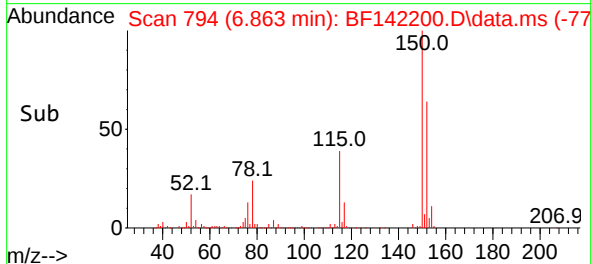


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

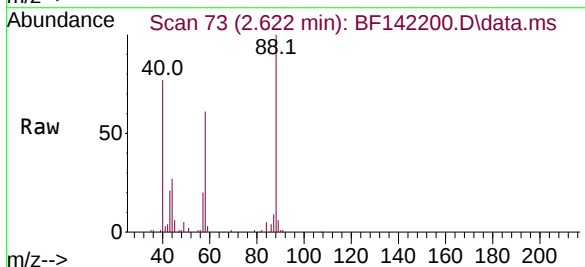
Instrument :
 BNA_F
 ClientSampleId :



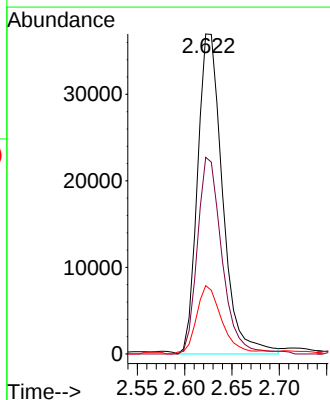
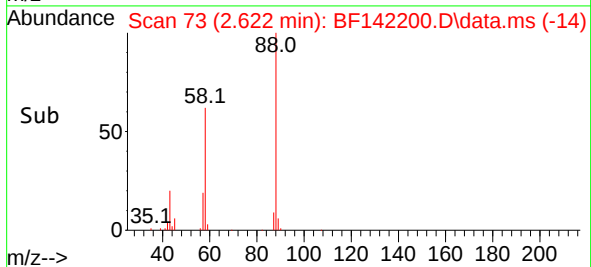
Tgt Ion:152 Resp: 576027
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.4 189.6
 115 61.0 49.4 74.2

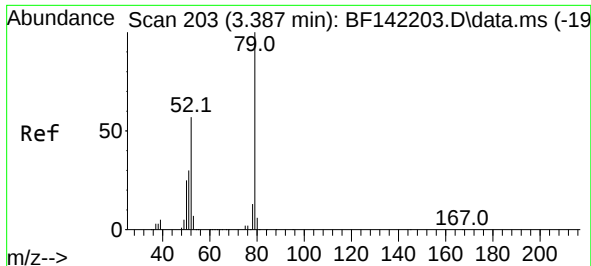


#2
 1,4-Dioxane
 Concen: 5.459 ng
 RT: 2.622 min Scan# 73
 Delta R.T. -0.006 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41



Tgt Ion: 88 Resp: 68076
 Ion Ratio Lower Upper
 88 100
 58 60.4 47.8 71.6
 43 21.9 17.8 26.8

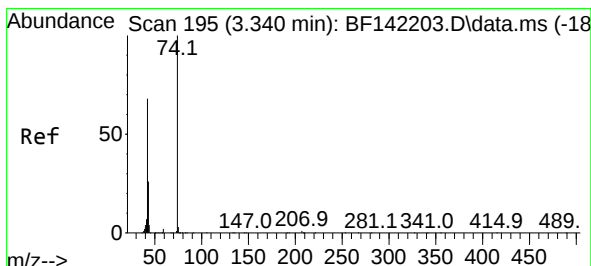
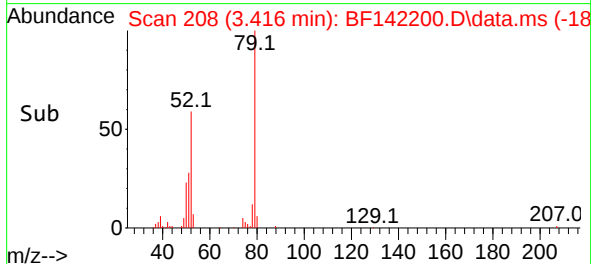
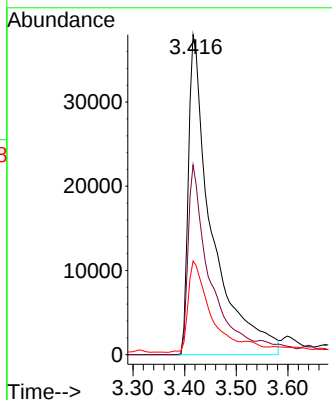
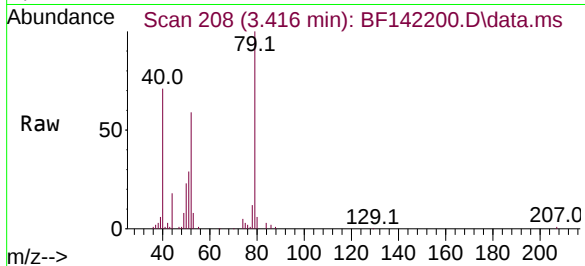




#3
Pyridine
Concen: 4.401 ng
RT: 3.416 min Scan# 203
Delta R.T. 0.030 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

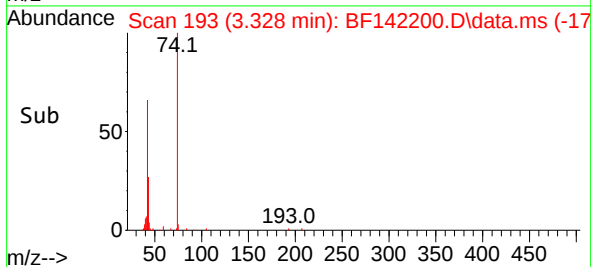
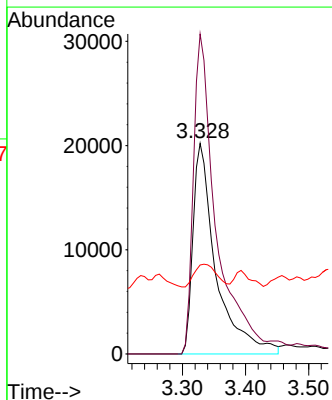
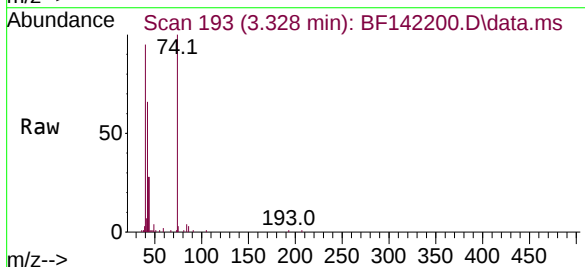
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BNA_F
ClientSampleId :

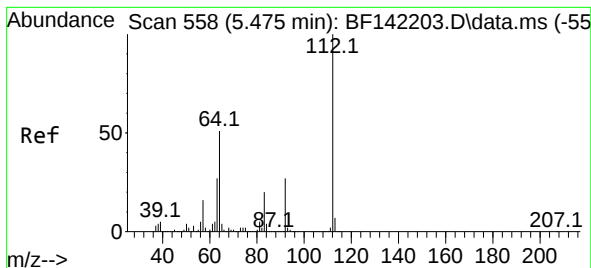
Tgt Ion: 79 Resp: 119135
Ion Ratio Lower Upper
79 100
52 59.3 45.8 68.8
51 29.3 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 4.659 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion: 42 Resp: 51204
Ion Ratio Lower Upper
42 100
74 151.9 117.4 176.0
44 42.3 9.5 14.3





#5

2-Fluorophenol

Concen: 10.409 ng

RT: 5.475 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

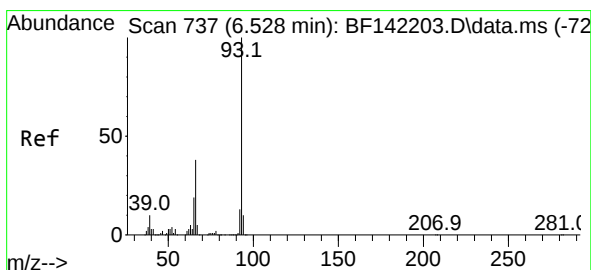
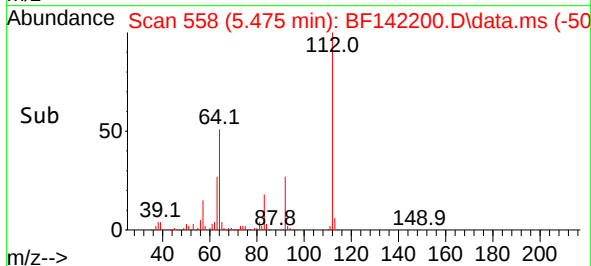
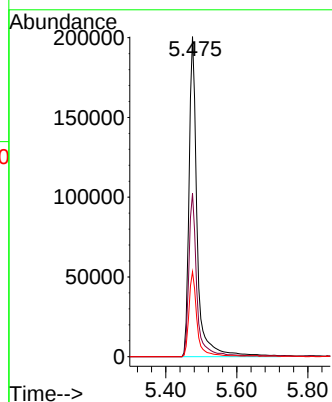
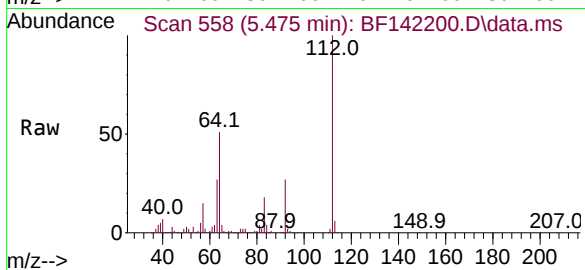
Tgt Ion:112 Resp: 319806

Ion Ratio Lower Upper

112 100

64 51.0 40.9 61.3

63 26.5 22.0 33.0



#6

Aniline

Concen: 5.298 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

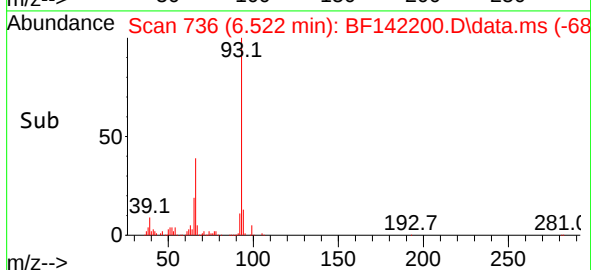
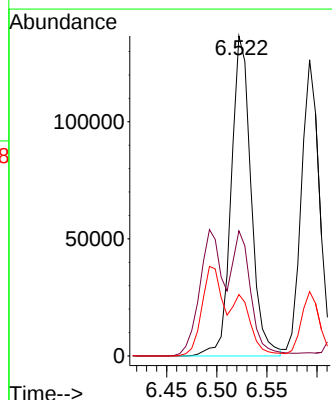
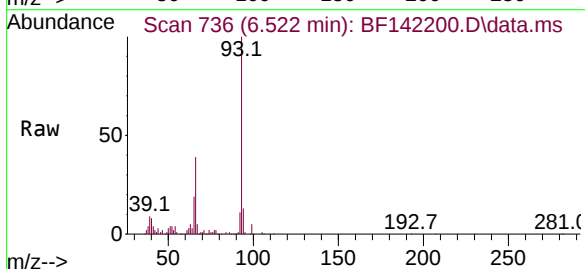
Tgt Ion: 93 Resp: 188229

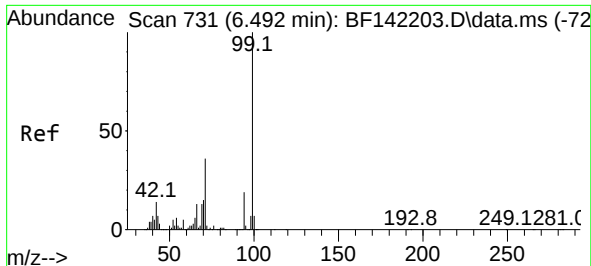
Ion Ratio Lower Upper

93 100

66 39.1 30.9 46.3

65 19.2 15.1 22.7

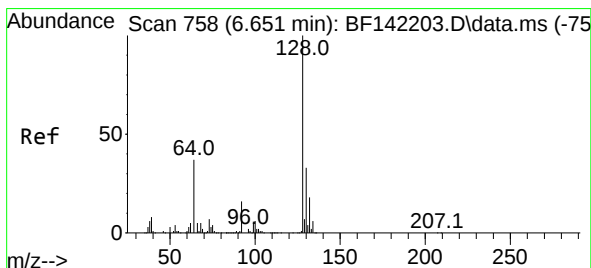
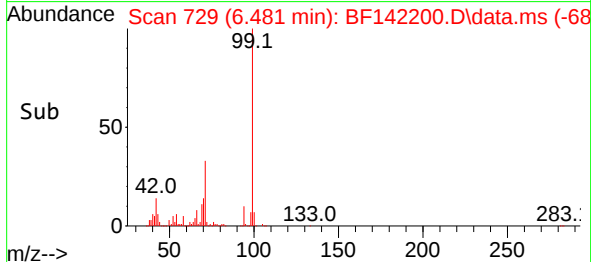
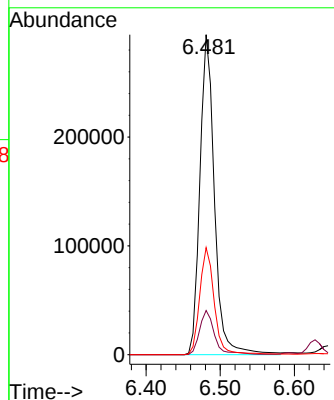
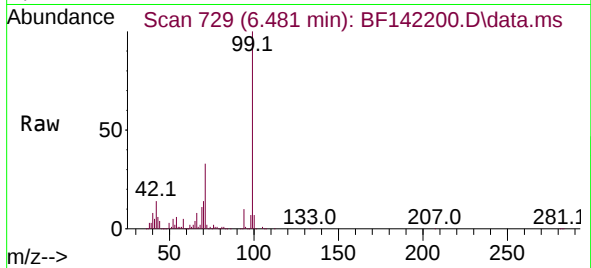




#7
Phenol-d6
Concen: 10.448 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

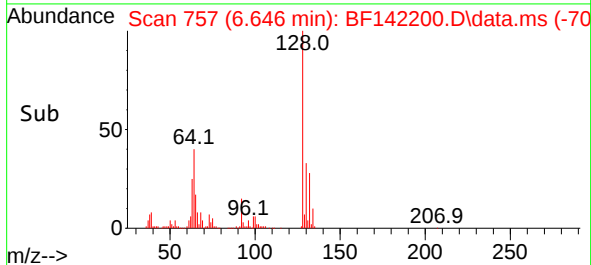
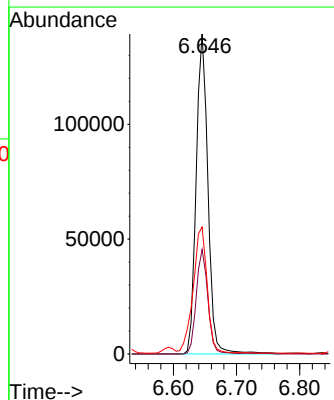
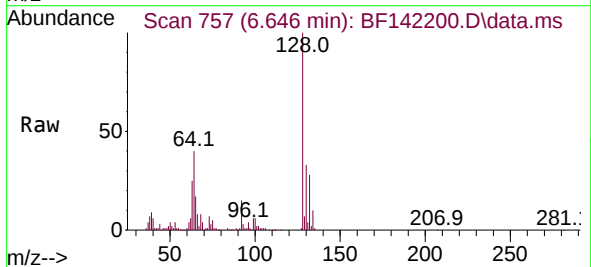
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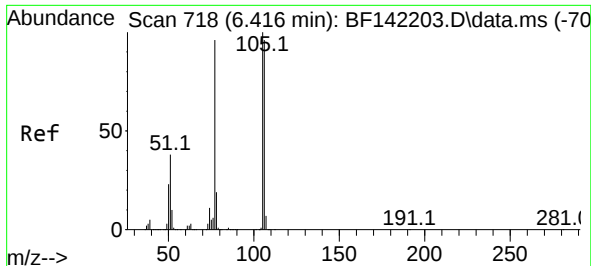
Tgt Ion: 99 Resp: 402018
Ion Ratio Lower Upper
99 100
42 13.8 11.5 17.3
71 33.4 28.6 42.8



#8
2-Chlorophenol
Concen: 5.133 ng
RT: 6.646 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

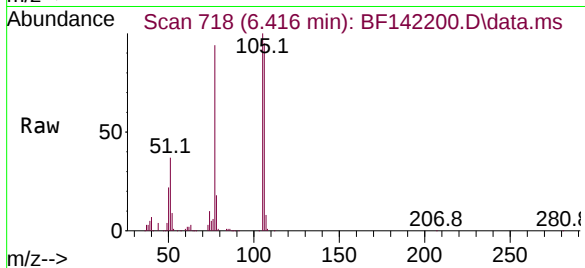
Tgt Ion:128 Resp: 180527
Ion Ratio Lower Upper
128 100
130 32.6 13.0 53.0
64 39.7 18.8 58.8



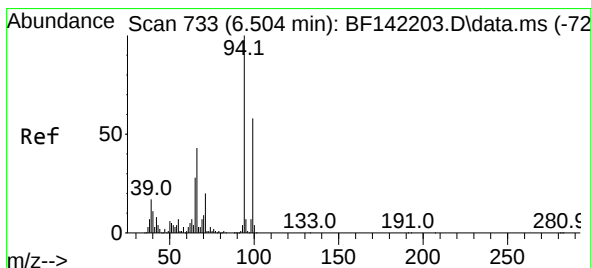
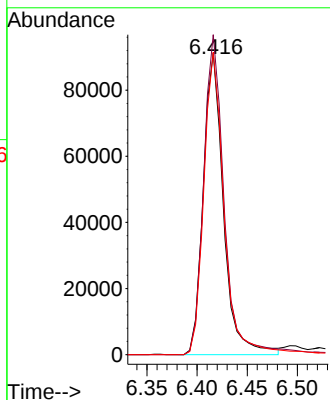
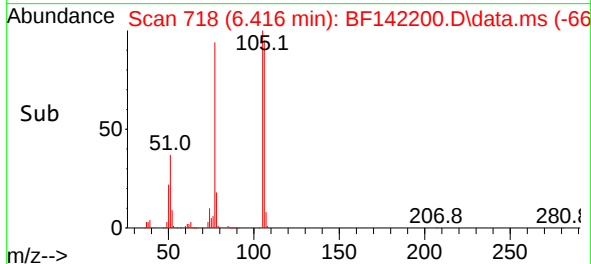


#9
Benzaldehyde
Concen: 6.056 ng
RT: 6.416 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

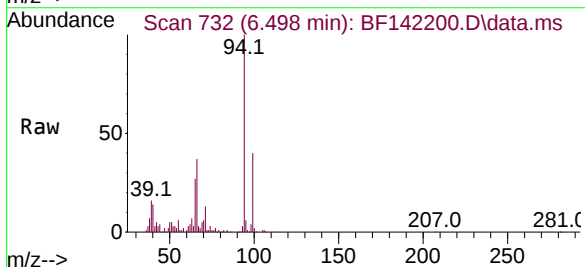
Instrument :
BNA_F
ClientSampleId :



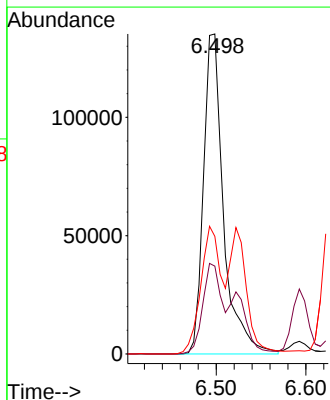
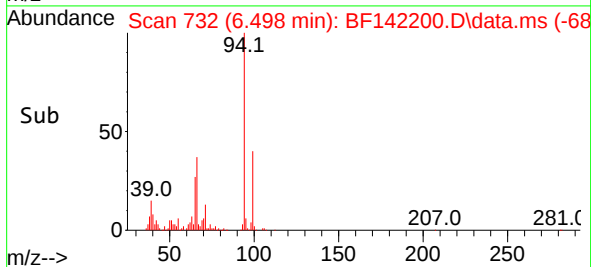
Tgt Ion: 77 Resp: 127940
Ion Ratio Lower Upper
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105 106.1 84.4 124.4
106 100.4 80.3 120.3

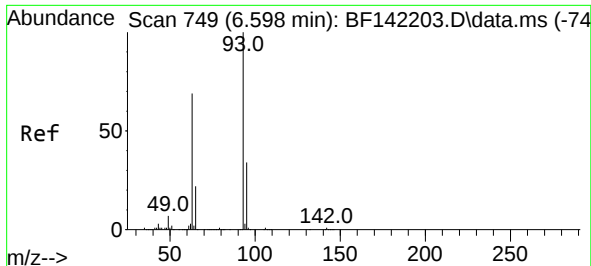


#10
Phenol
Concen: 5.171 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion: 94 Resp: 209844
Ion Ratio Lower Upper
94 100
65 27.5 8.1 48.1
66 36.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 5.161 ng

RT: 6.593 min Scan# 749

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

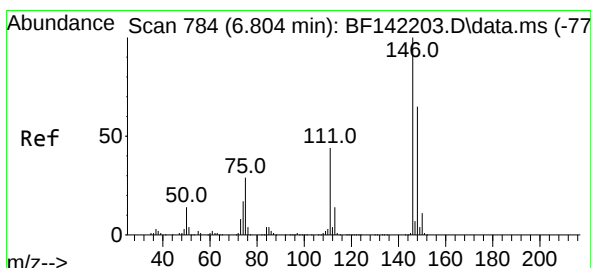
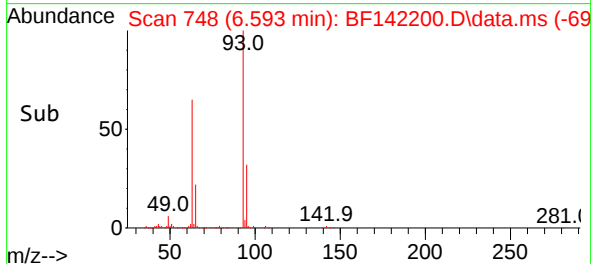
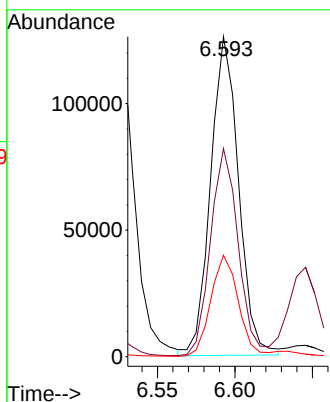
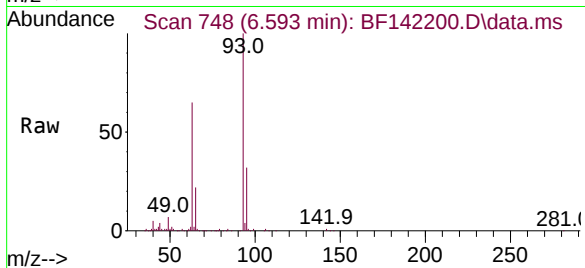
Tgt Ion: 93 Resp: 157951

Ion Ratio Lower Upper

93 100

63 65.1 47.9 87.9

95 31.7 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 5.375 ng

RT: 6.804 min Scan# 784

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

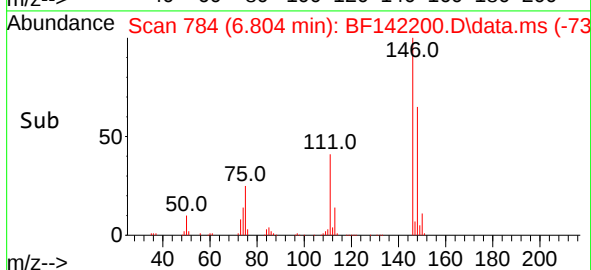
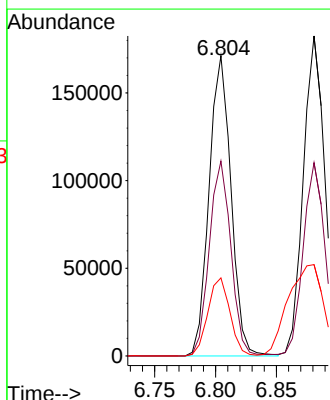
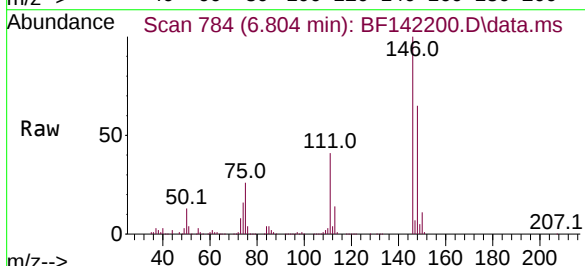
Tgt Ion:146 Resp: 214223

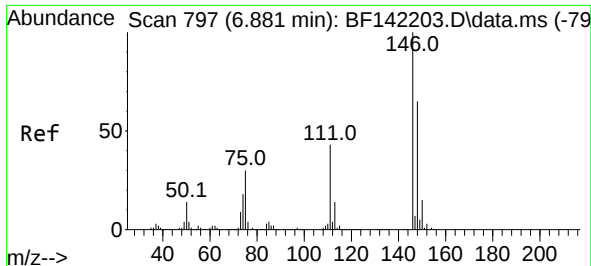
Ion Ratio Lower Upper

146 100

148 64.9 51.7 77.5

75 26.0 23.3 34.9

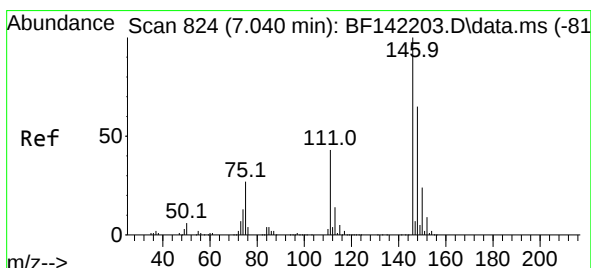
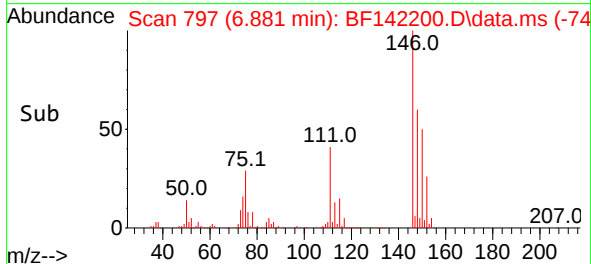
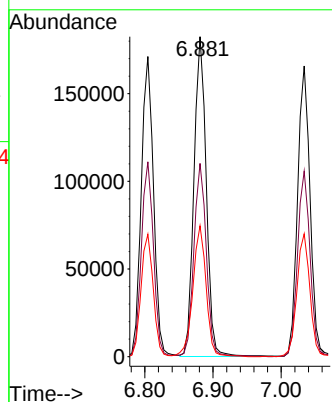
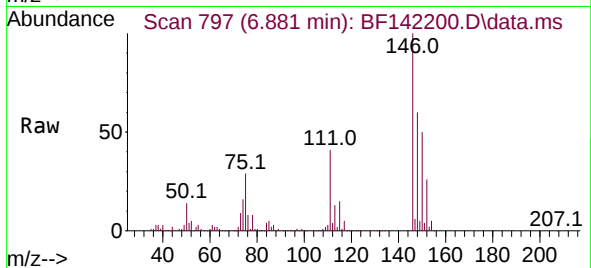




#13
1,4-Dichlorobenzene
Concen: 5.598 ng
RT: 6.881 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

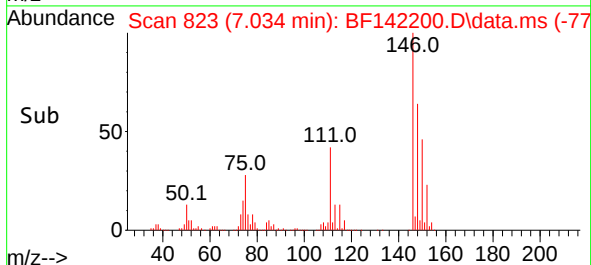
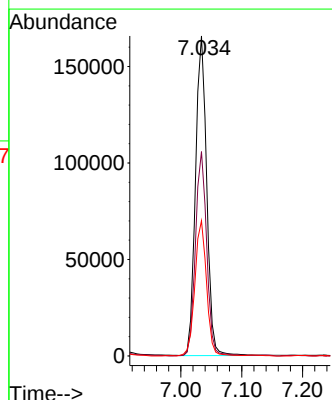
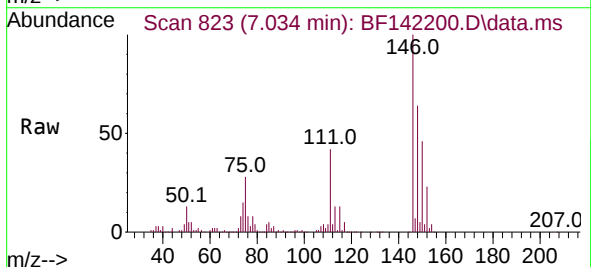
Instrument :
BNA_F
ClientSampleId :

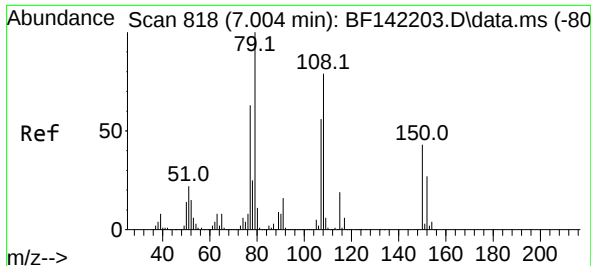
Tgt Ion:146 Resp: 228798
Ion Ratio Lower Upper
146 100
148 60.4 52.4 78.6
111 40.9 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 5.570 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

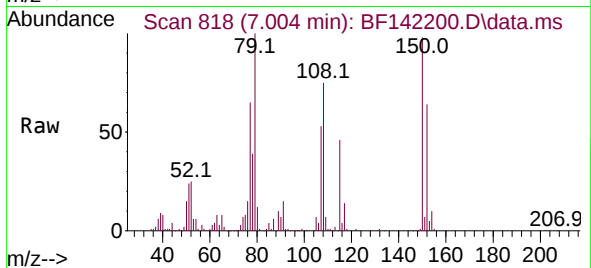
Tgt Ion:146 Resp: 211789
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 42.3 34.2 51.4



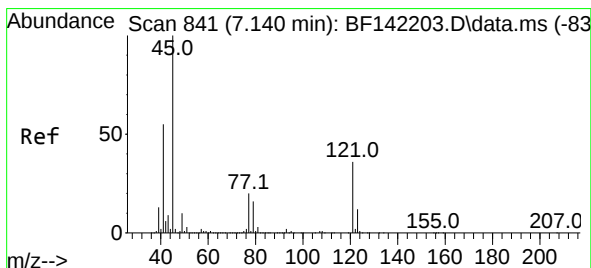
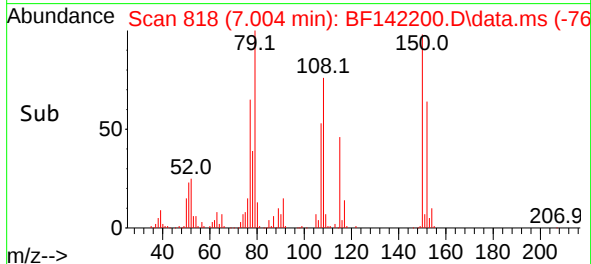
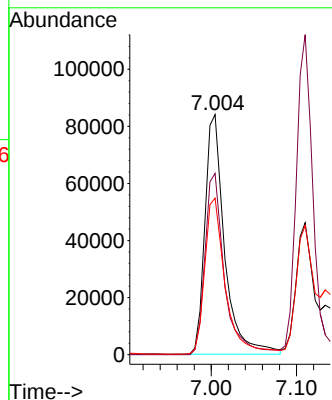


#15
Benzyl Alcohol
Concen: 4.804 ng
RT: 7.004 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :

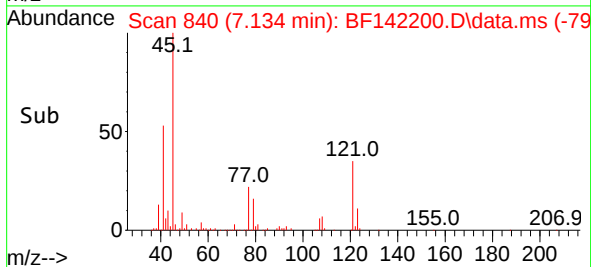
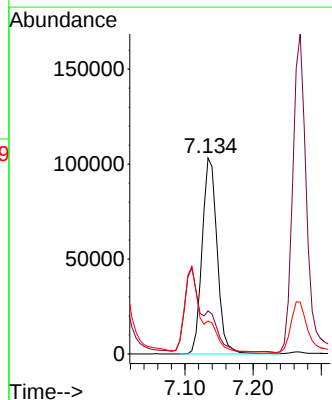
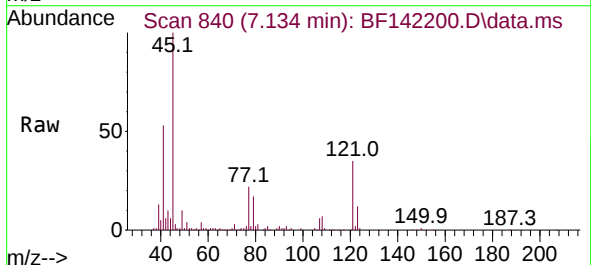


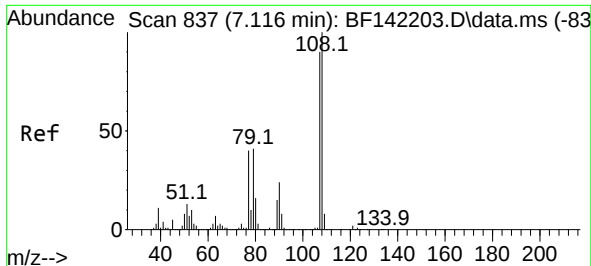
Tgt Ion: 79 Resp: 134779
Ion Ratio Lower Upper
79 100
108 75.5 63.1 94.7
77 65.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.326 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

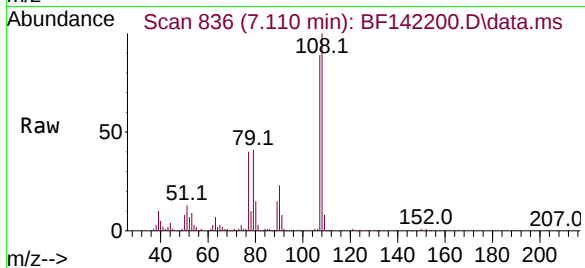
Tgt Ion: 45 Resp: 158001
Ion Ratio Lower Upper
45 100
77 22.0 1.4 41.4
79 16.8 0.0 36.7



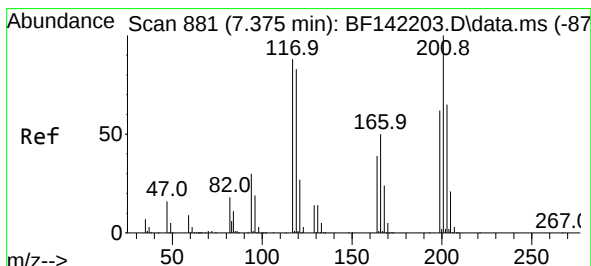
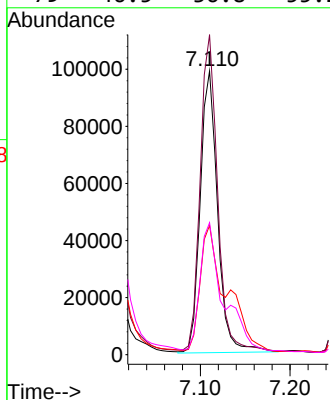
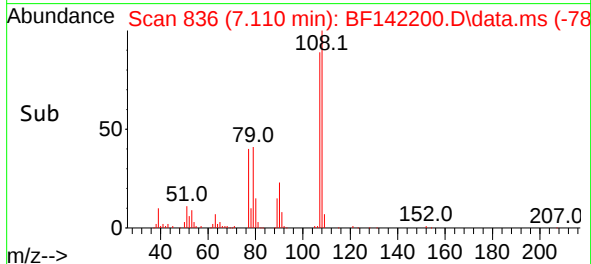


#17
2-Methylphenol
Concen: 5.021 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

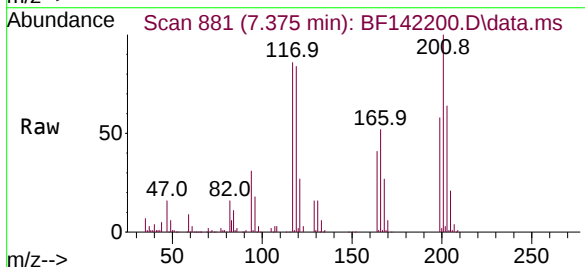
Instrument :
BNA_F
ClientSampleId :



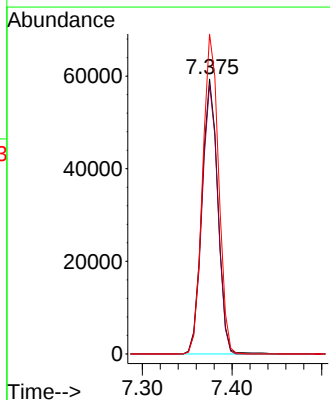
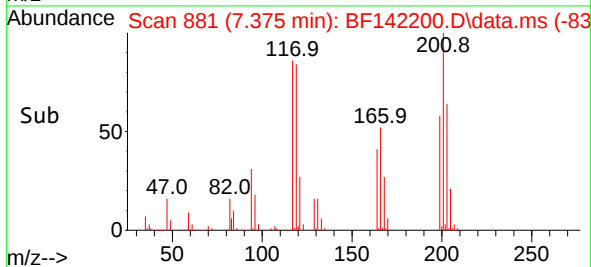
Tgt Ion:	107	Resp:	132892
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.4	134.2
77	45.6	36.3	54.5
79	46.5	36.8	55.2

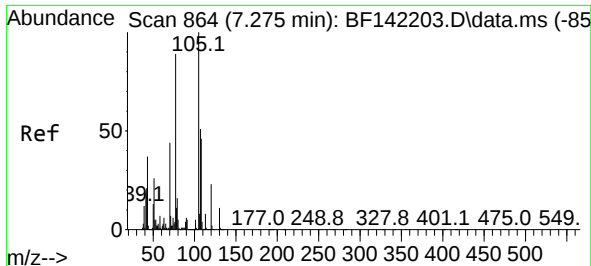


#18
Hexachloroethane
Concen: 5.280 ng
RT: 7.375 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



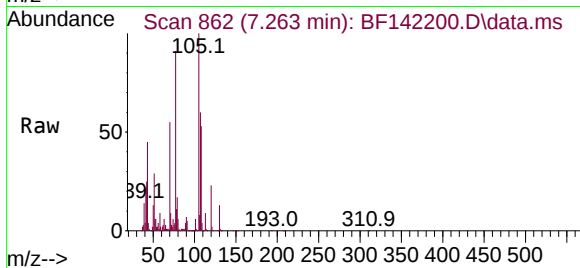
Tgt Ion:	117	Resp:	73311
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.8
201	116.4	91.4	137.0



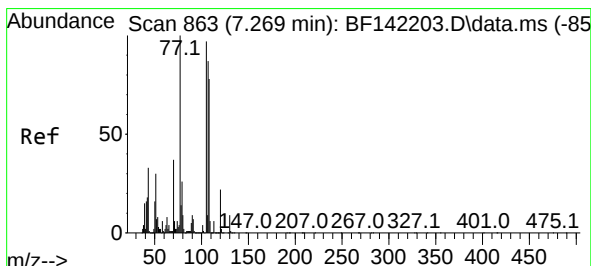
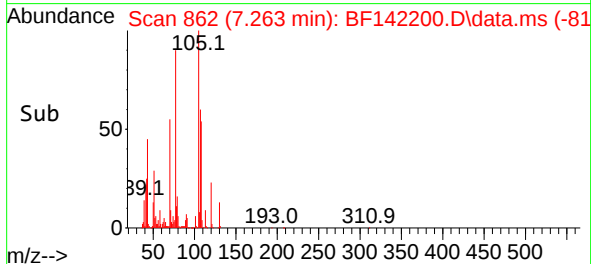
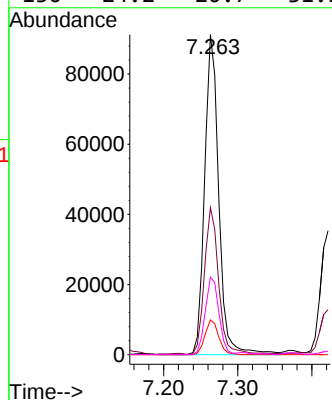


#19
n-Nitroso-di-n-propylamine
Concen: 5.563 ng
RT: 7.263 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :

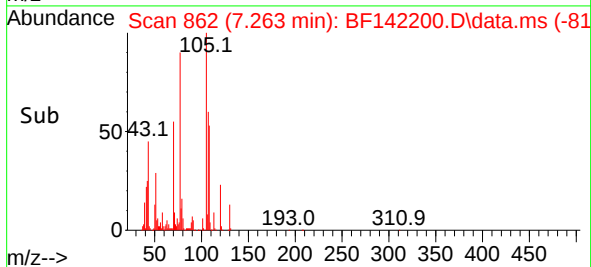
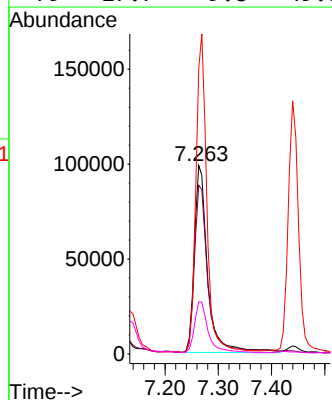
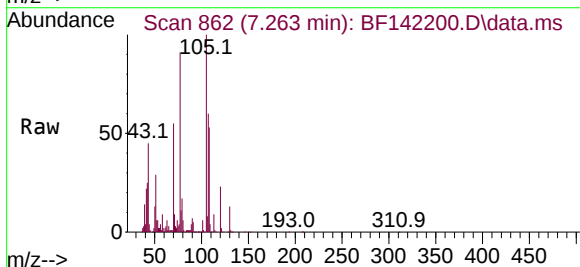


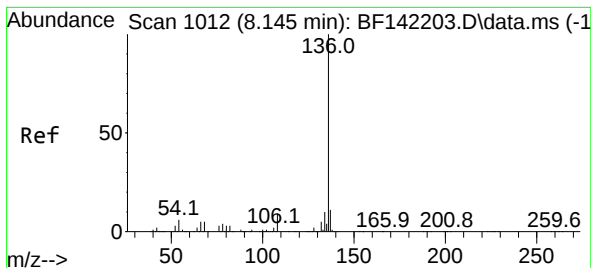
Tgt Ion: 70 Resp: 121049
Ion Ratio Lower Upper
70 100
42 45.9 37.4 56.0
101 10.9 8.6 13.0
130 24.2 20.7 31.1



#20
3+4-Methylphenols
Concen: 5.225 ng
RT: 7.263 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

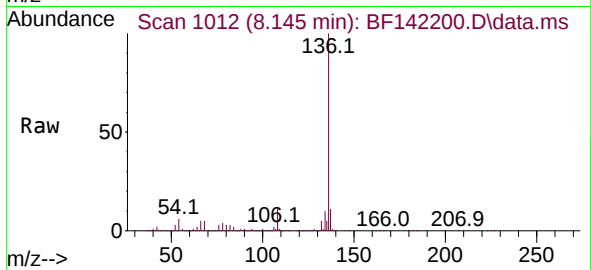
Tgt Ion: 107 Resp: 172011
Ion Ratio Lower Upper
107 100
108 89.5 69.8 109.8
77 151.5 94.5 134.5#
79 27.7 9.8 49.8



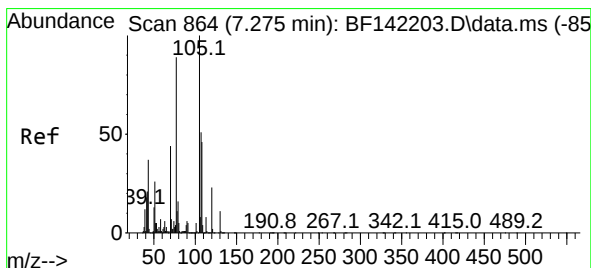
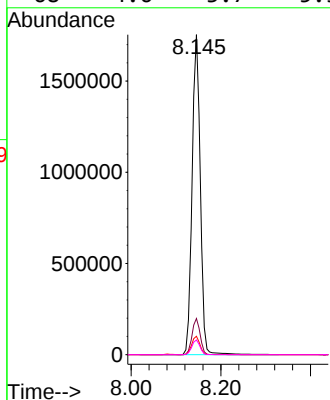
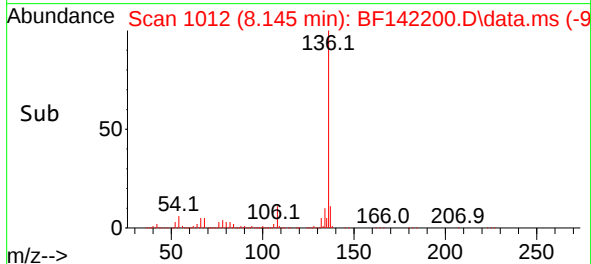


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

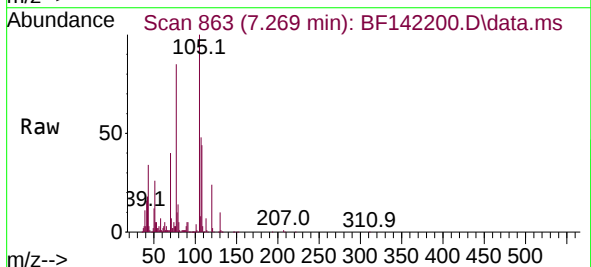
Instrument :
BNA_F
ClientSampleId :



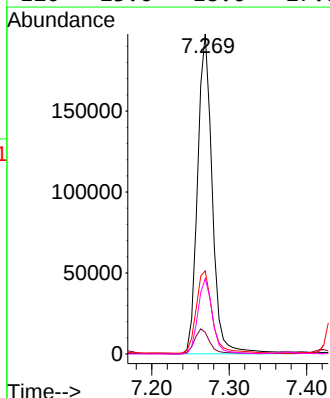
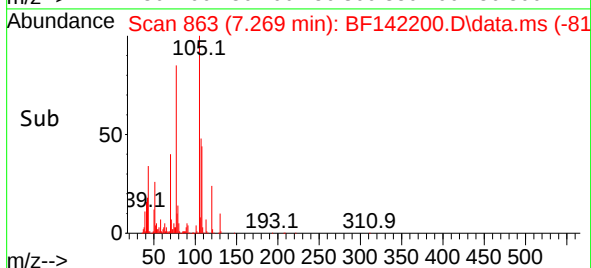
Tgt Ion:136 Resp: 2219115
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.8 4.7 7.1
68 4.6 3.7 5.5

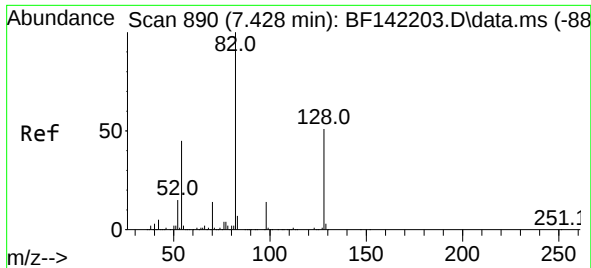


#22
Acetophenone
Concen: 5.327 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion:105 Resp: 259474
Ion Ratio Lower Upper
105 100
71 6.8 5.8 8.8
51 26.0 20.9 31.3
120 23.6 18.6 27.8

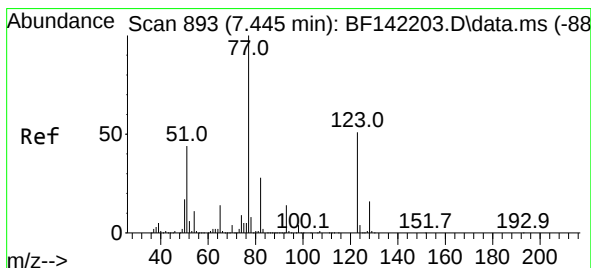
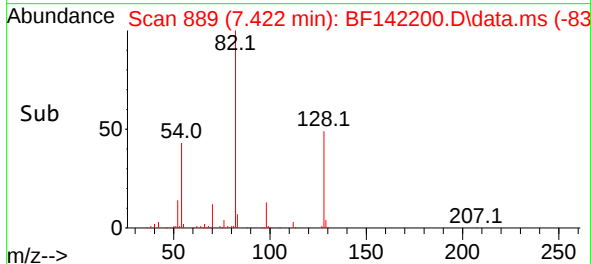
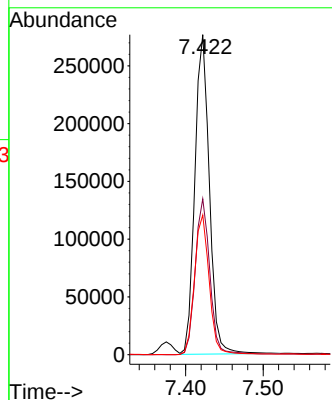
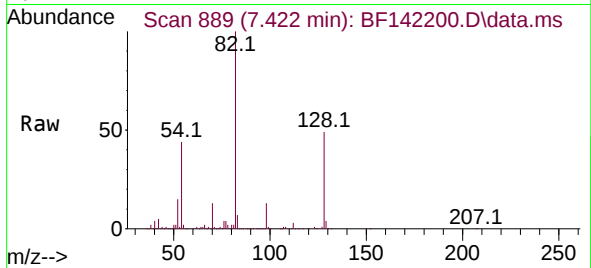




#23
Nitrobenzene-d5
Concen: 10.159 ng
RT: 7.422 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

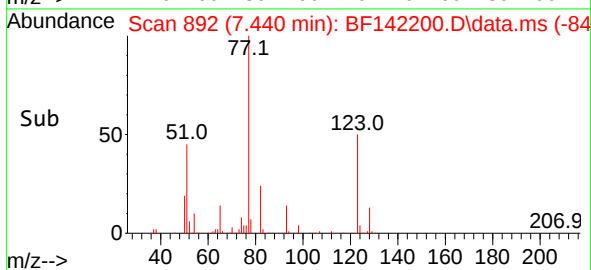
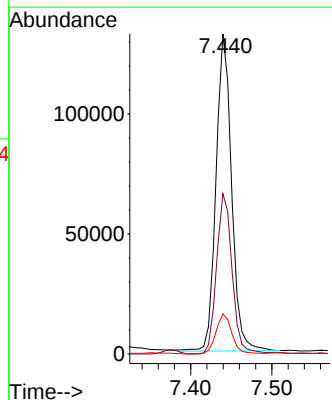
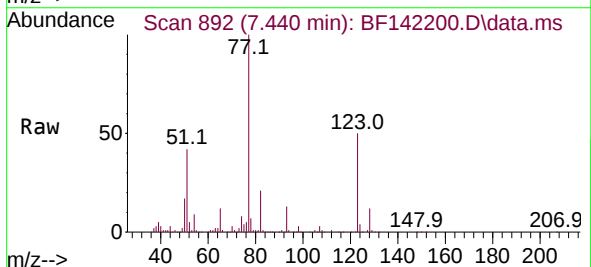
Instrument :
BNA_F
ClientSampleId :

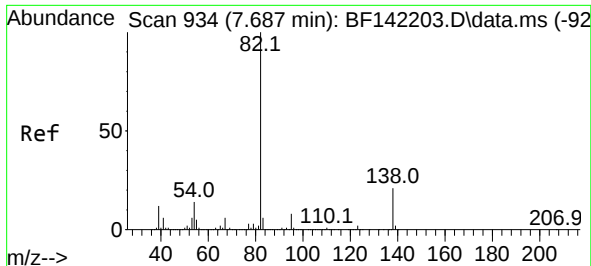
Tgt Ion: 82 Resp: 358961
Ion Ratio Lower Upper
82 100
128 48.7 40.2 60.2
54 43.6 35.5 53.3



#24
Nitrobenzene
Concen: 5.038 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

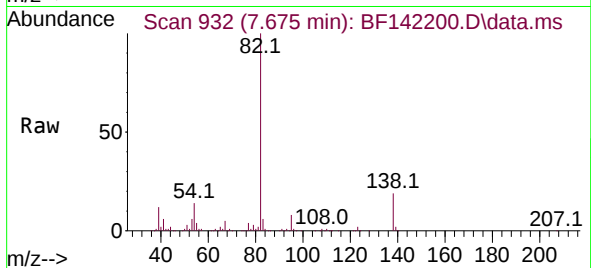
Tgt Ion: 77 Resp: 176344
Ion Ratio Lower Upper
77 100
123 50.1 40.7 61.1
65 12.5 10.9 16.3



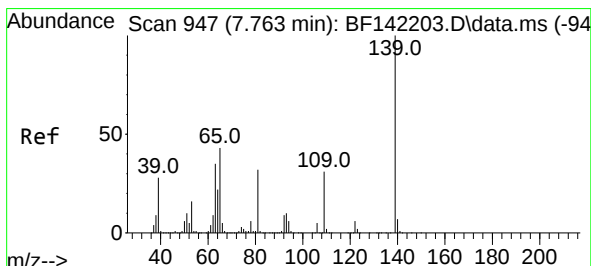
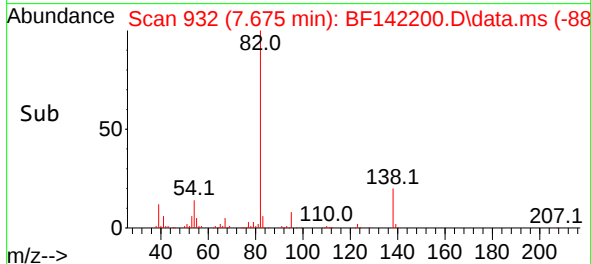
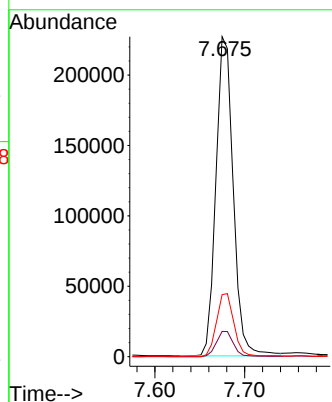


#25
Isophorone
Concen: 5.131 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :

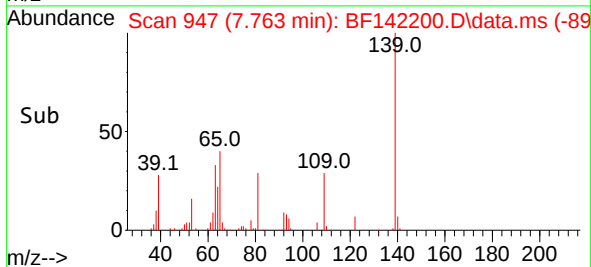
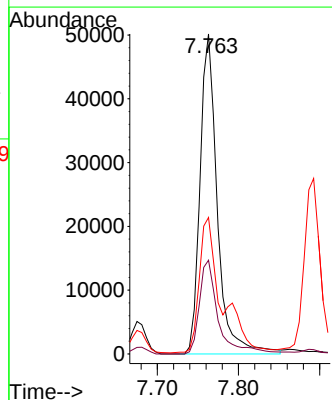
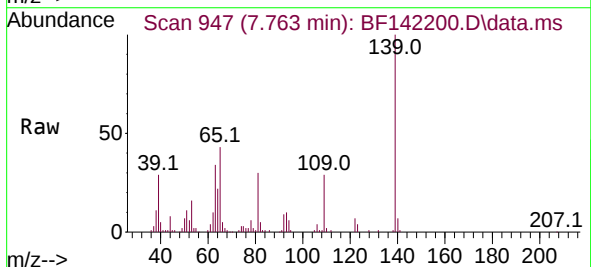


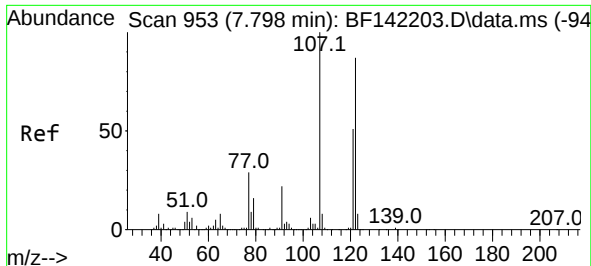
Tgt Ion: 82 Resp: 304315
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 19.4 16.9 25.3



#26
2-Nitrophenol
Concen: 4.035 ng
RT: 7.763 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:139 Resp: 74239
Ion Ratio Lower Upper
139 100
109 29.3 24.4 36.6
65 42.6 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 4.654 ng

RT: 7.793 min Scan# 91

Delta R.T. -0.006 min

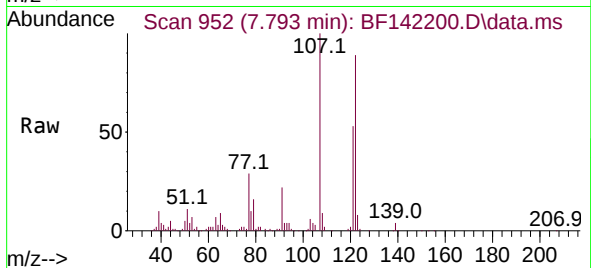
Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :



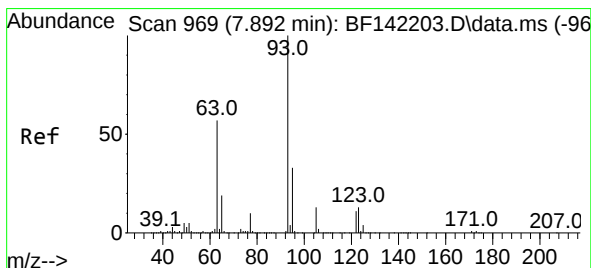
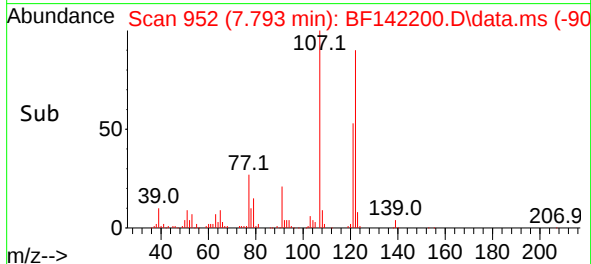
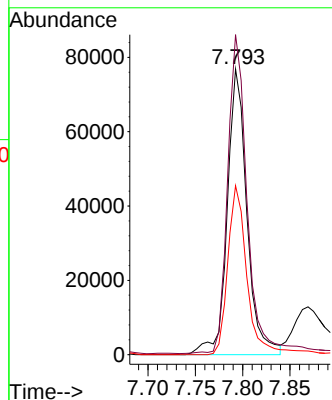
Tgt Ion:122 Resp: 111344

Ion Ratio Lower Upper

122 100

107 112.0 91.6 137.4

121 59.1 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 5.105 ng

RT: 7.893 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

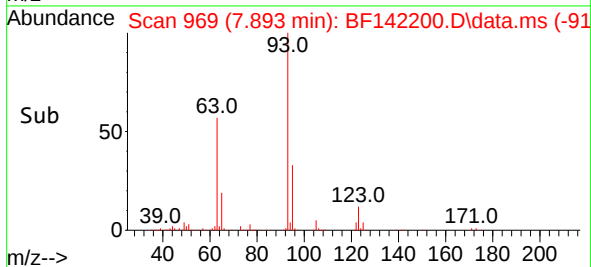
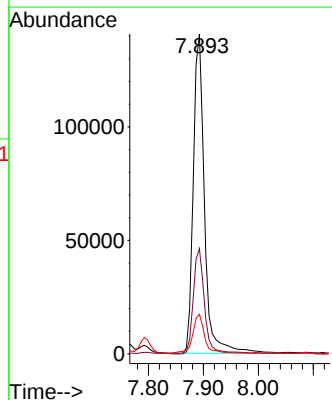
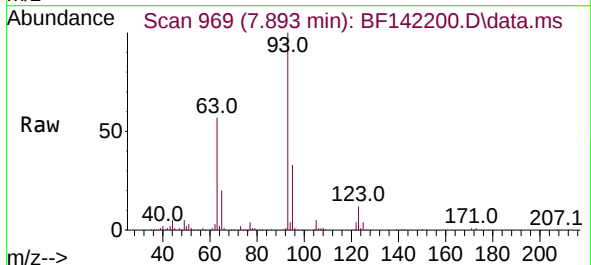
Tgt Ion: 93 Resp: 198731

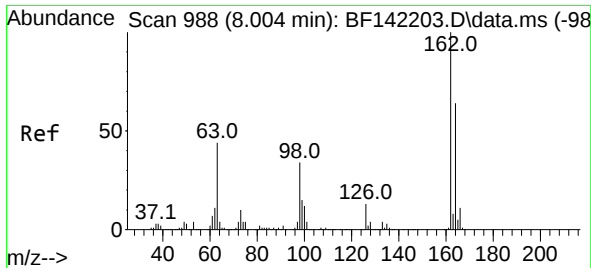
Ion Ratio Lower Upper

93 100

95 33.0 26.3 39.5

123 12.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 4.784 ng

RT: 8.004 min Scan# 98

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

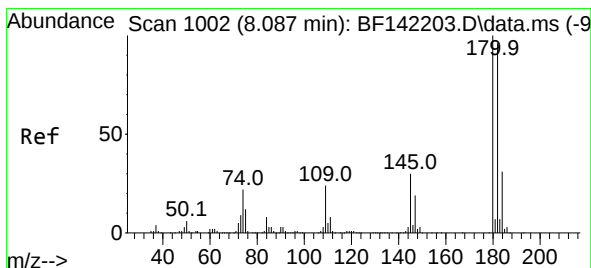
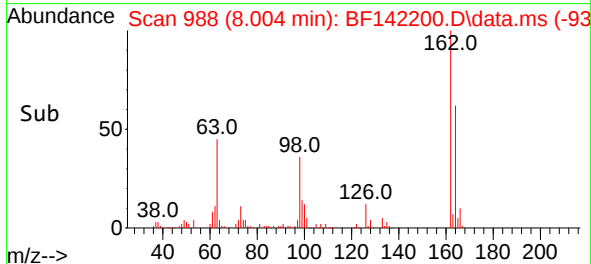
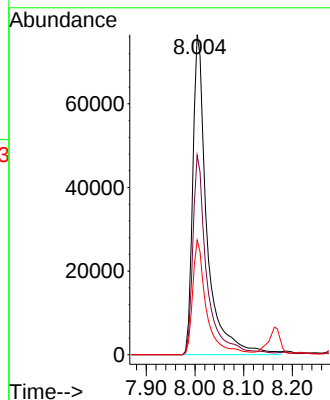
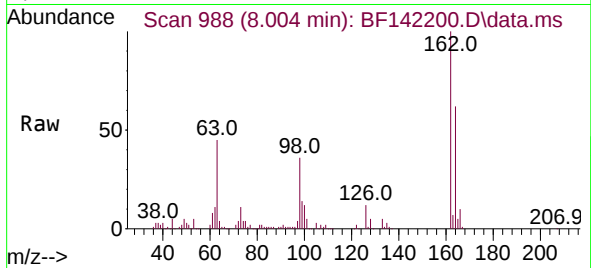
Tgt Ion:162 Resp: 155675

Ion Ratio Lower Upper

162 100

164 62.4 44.2 84.2

98 35.8 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 5.280 ng

RT: 8.087 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

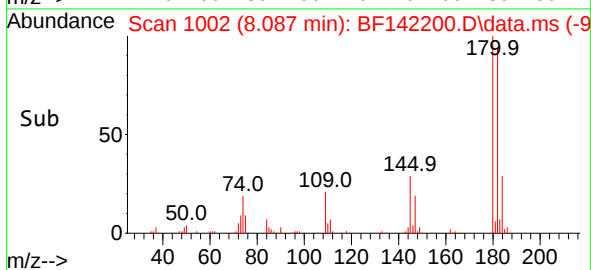
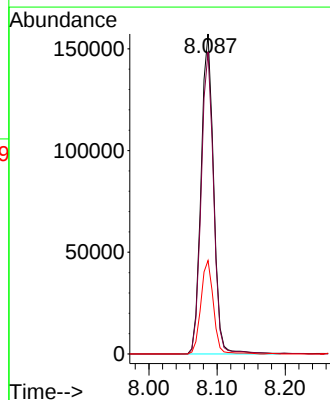
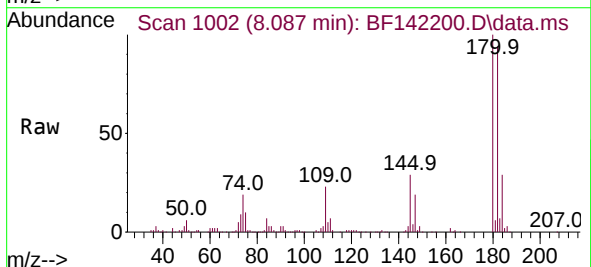
Tgt Ion:180 Resp: 200906

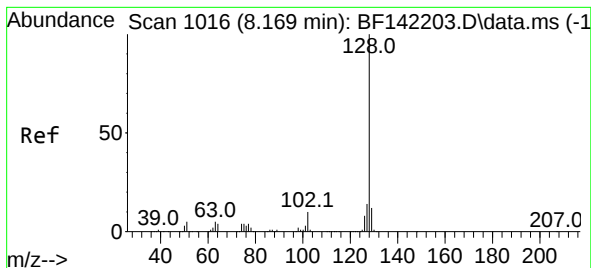
Ion Ratio Lower Upper

180 100

182 94.3 77.0 115.4

145 29.2 24.3 36.5





#31

Naphthalene

Concen: 5.710 ng

RT: 8.169 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

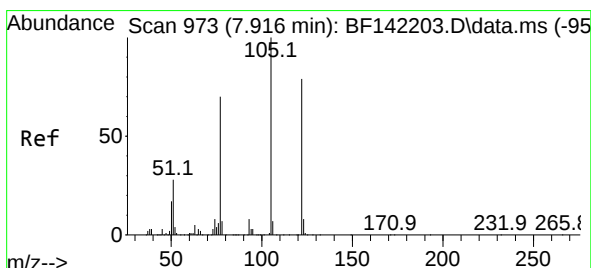
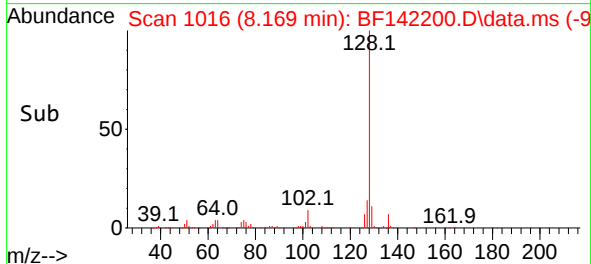
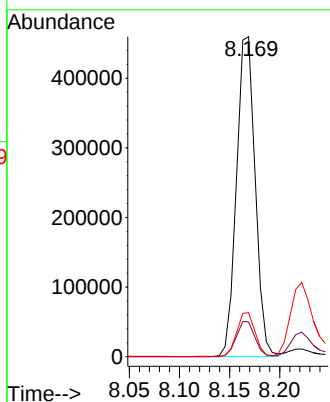
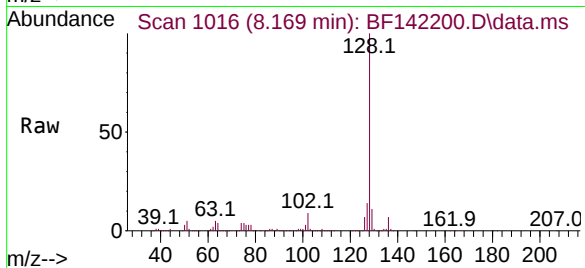
Tgt Ion:128 Resp: 598543

Ion Ratio Lower Upper

128 100

129 10.9 9.6 14.4

127 13.8 11.4 17.0



#32

Benzoic acid

Concen: 8.049 ng

RT: 7.869 min Scan# 965

Delta R.T. -0.047 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

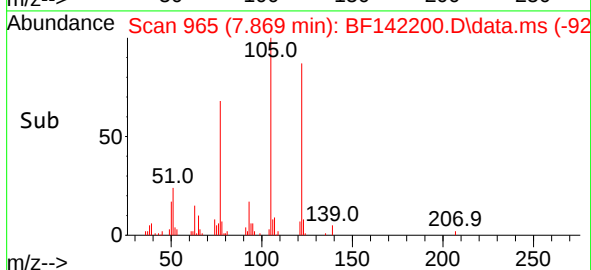
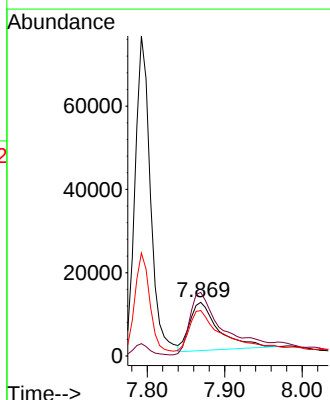
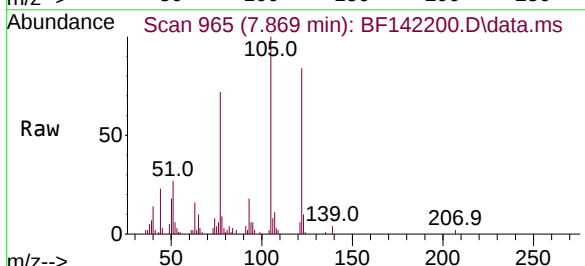
Tgt Ion:122 Resp: 30283

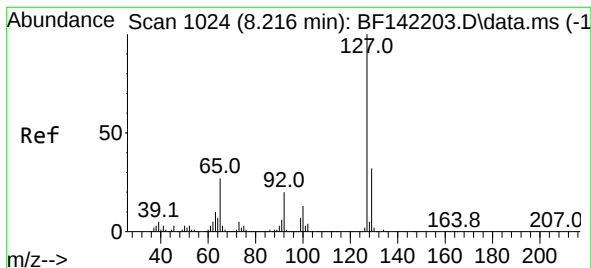
Ion Ratio Lower Upper

122 100

105 118.4 101.5 141.5

77 84.8 66.6 106.6





#33

4-Chloroaniline

Concen: 4.980 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

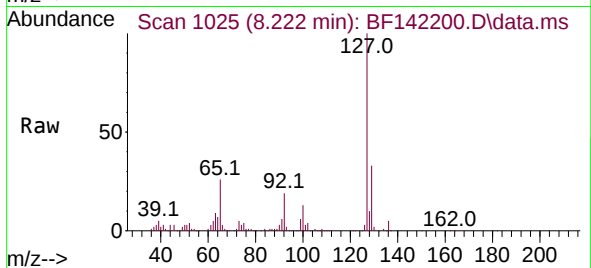
Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 189026

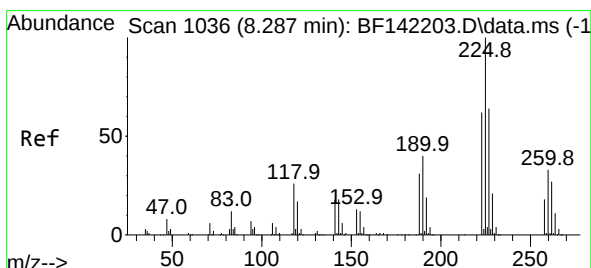
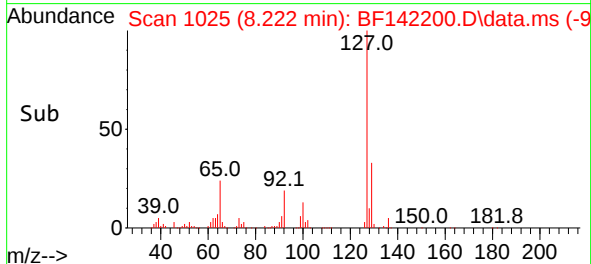
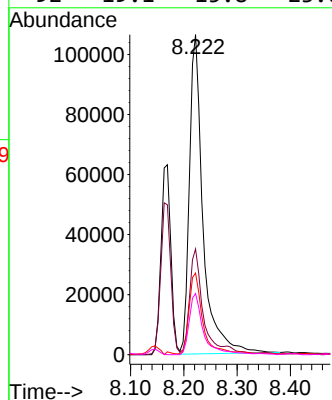
Ion Ratio Lower Upper

127 100

129 33.0 25.9 38.9

65 25.5 21.8 32.6

92 19.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 5.127 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

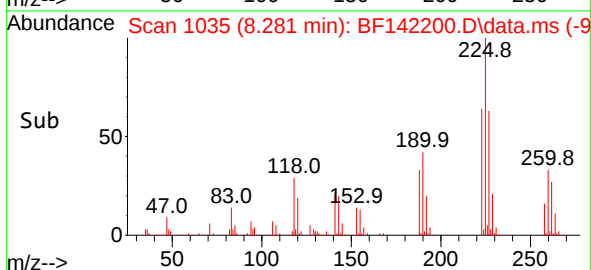
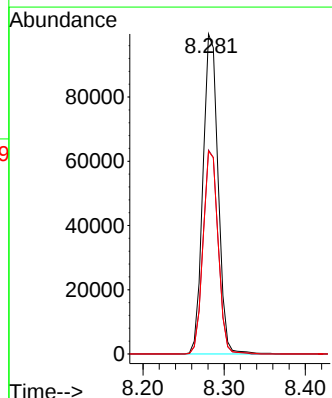
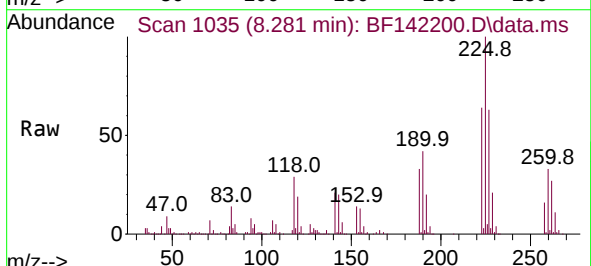
Tgt Ion:225 Resp: 128740

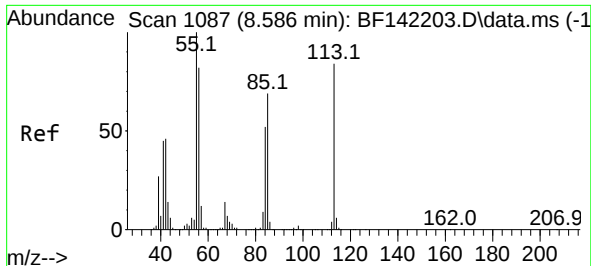
Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.2

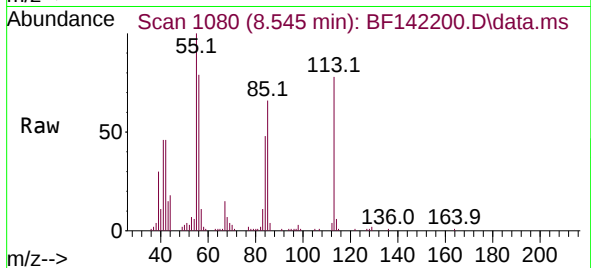
227 63.4 51.4 77.2



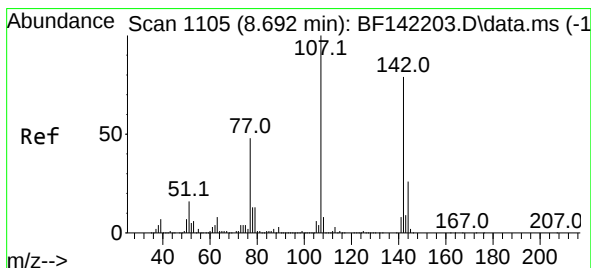
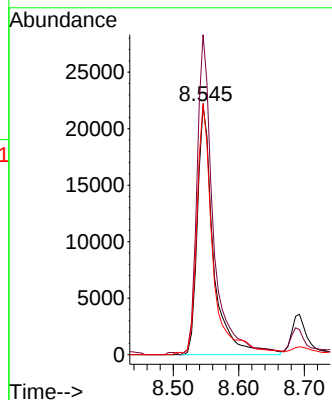
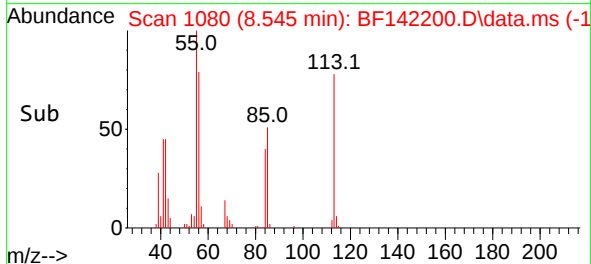


#35
 Caprolactam
 Concen: 4.331 ng
 RT: 8.545 min Scan# 1108
 Delta R.T. -0.041 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

Instrument :
 BNA_F
 ClientSampleId :

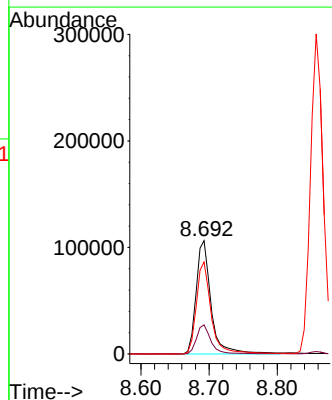
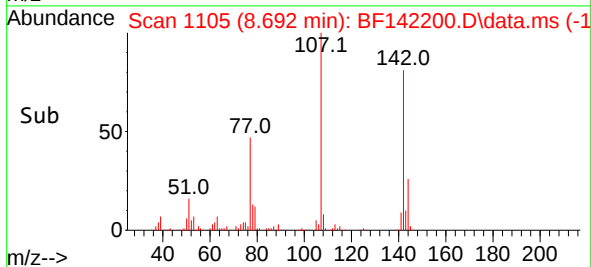
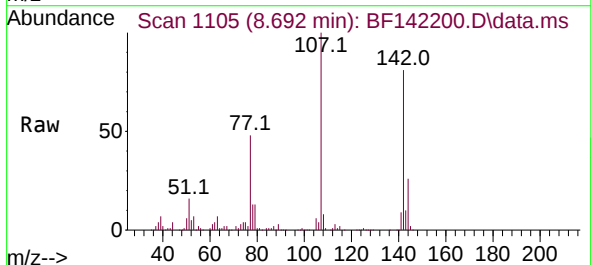


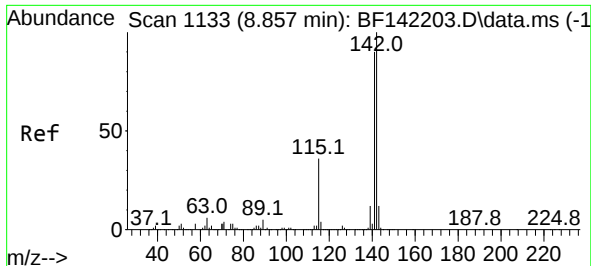
Tgt Ion:113 Resp: 37599
 Ion Ratio Lower Upper
 113 100
 55 128.8 99.5 139.5
 56 101.2 78.1 118.1



#36
 4-Chloro-3-methylphenol
 Concen: 4.945 ng
 RT: 8.692 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

Tgt Ion:107 Resp: 161981
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.6 30.8
 142 81.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 5.512 ng

RT: 8.857 min Scan# 1133

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

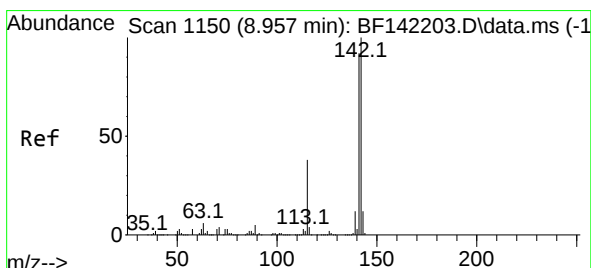
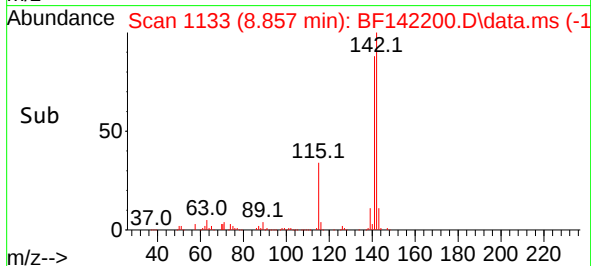
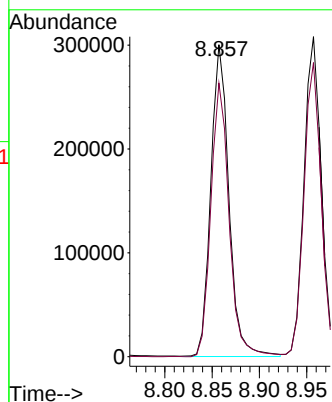
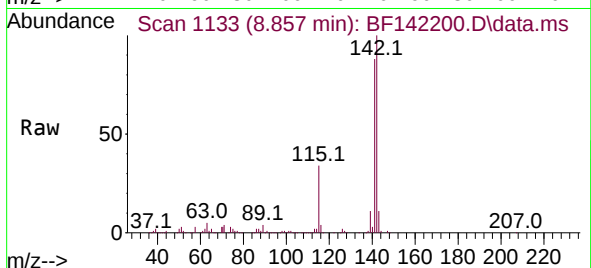
ClientSampleId :

Tgt Ion:142 Resp: 399299

Ion Ratio Lower Upper

142 100

141 87.7 71.9 107.9



#38

1-Methylnaphthalene

Concen: 5.667 ng

RT: 8.957 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF142200.D

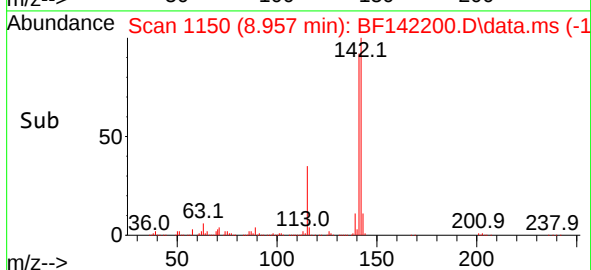
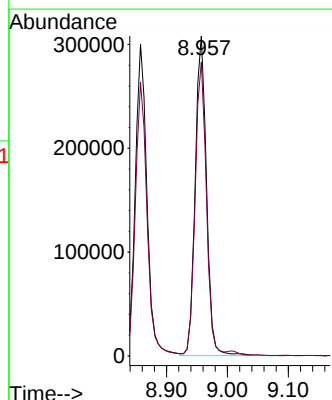
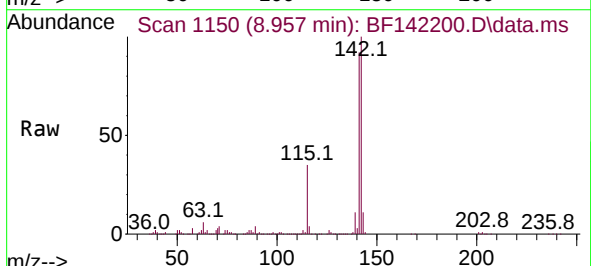
Acq: 21 Apr 2025 11:41

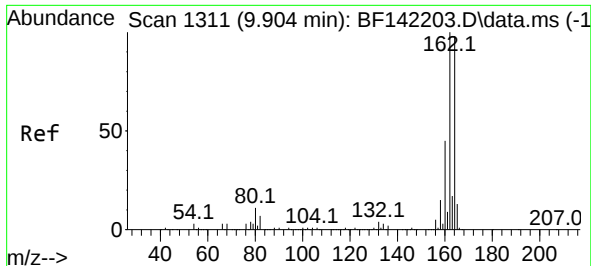
Tgt Ion:142 Resp: 397511

Ion Ratio Lower Upper

142 100

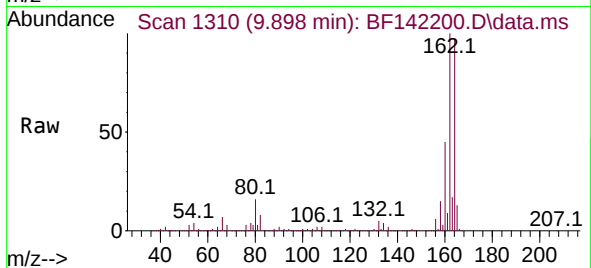
141 91.9 73.3 109.9



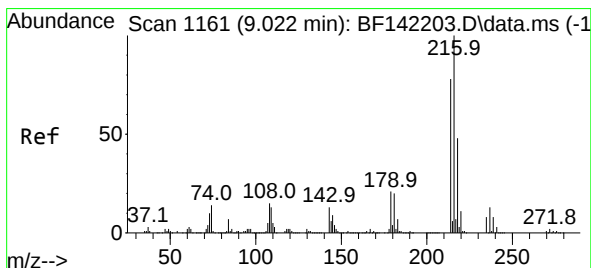
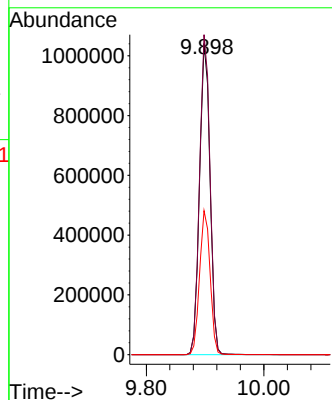
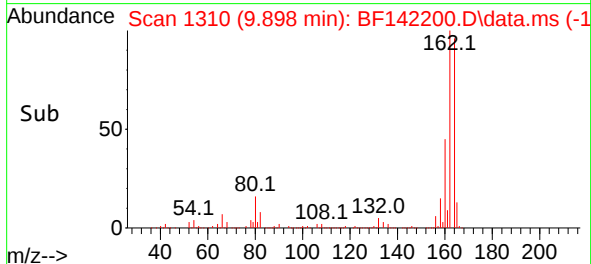


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

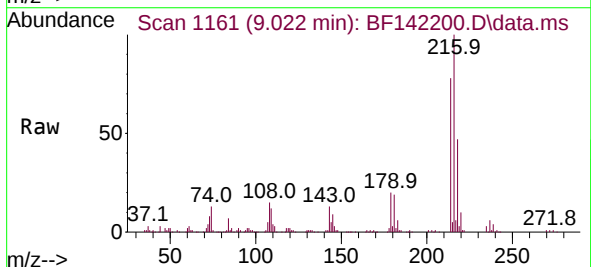
Instrument :
BNA_F
ClientSampleId :



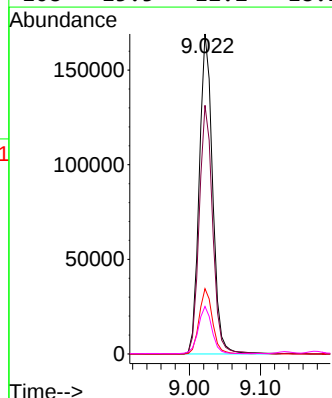
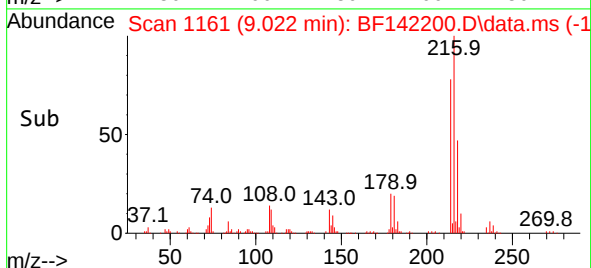
Tgt Ion:164 Resp: 1288428
Ion Ratio Lower Upper
164 100
162 102.8 81.9 122.9
160 46.3 36.8 55.2

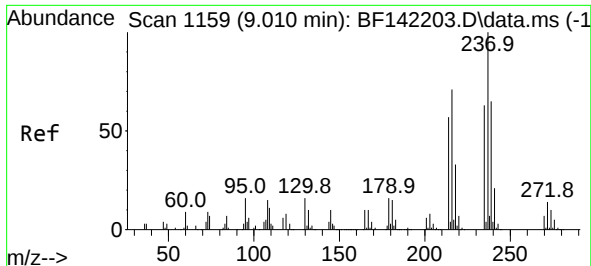


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.248 ng
RT: 9.022 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



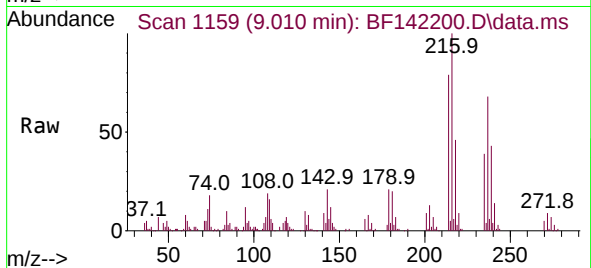
Tgt Ion:216 Resp: 221255
Ion Ratio Lower Upper
216 100
214 78.2 62.7 94.1
179 20.4 16.7 25.1
108 15.5 12.2 18.2



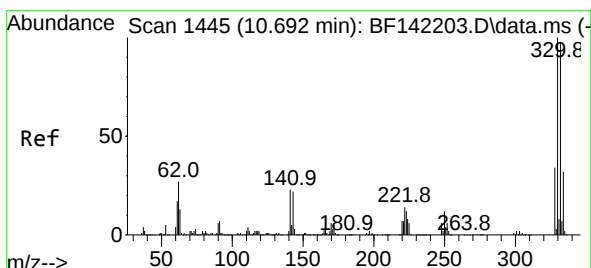
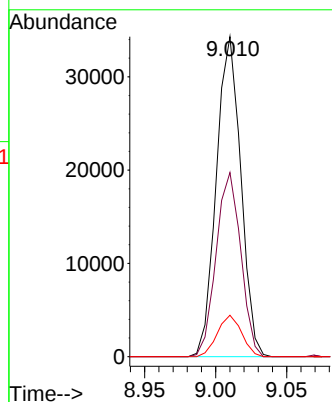
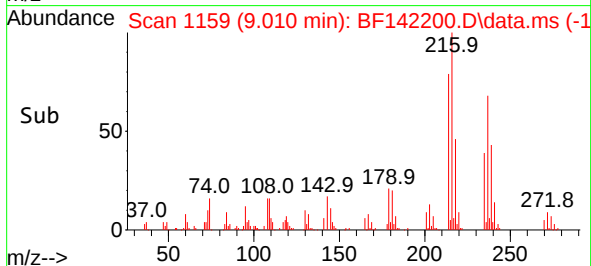


#41
Hexachlorocyclopentadiene
Concen: 3.182 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

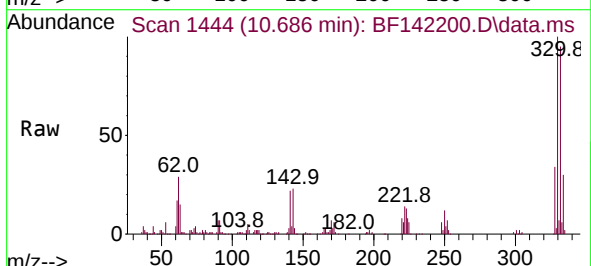
Instrument :
BNA_F
ClientSampleId :



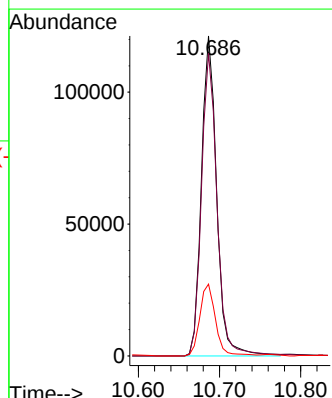
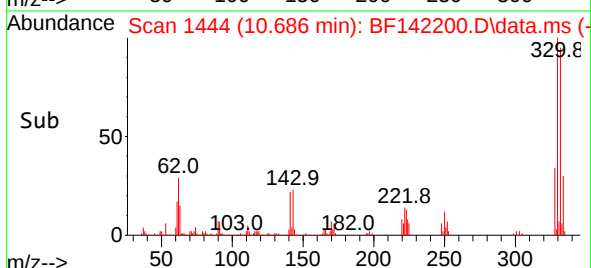
Tgt Ion: 237 Resp: 41135
Ion Ratio Lower Upper
237 100
235 57.6 42.6 82.6
272 12.9 0.0 33.6

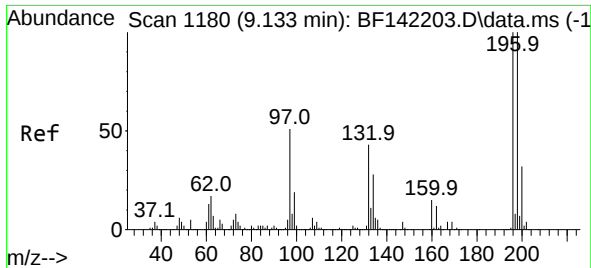


#42
2,4,6-Tribromophenol
Concen: 9.010 ng
RT: 10.686 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion: 330 Resp: 158726
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 23.1 18.9 28.3

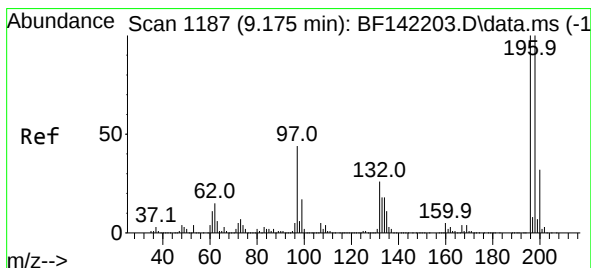
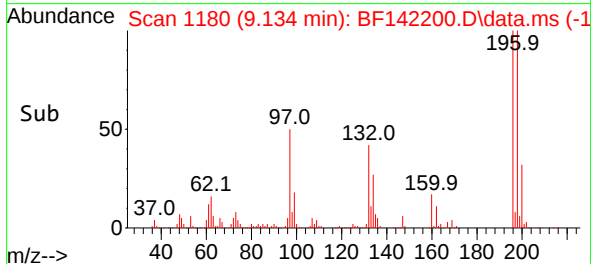
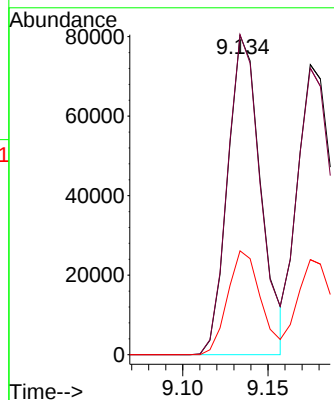
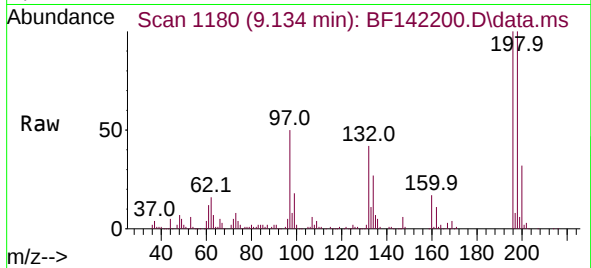




#43
2,4,6-Trichlorophenol
Concen: 4.404 ng
RT: 9.134 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

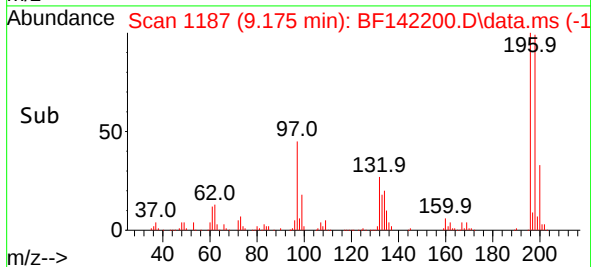
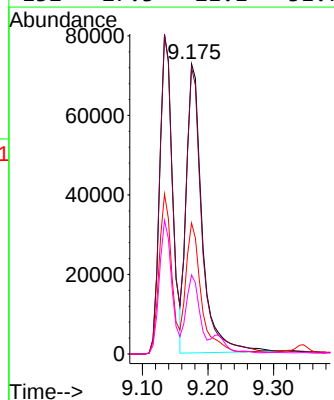
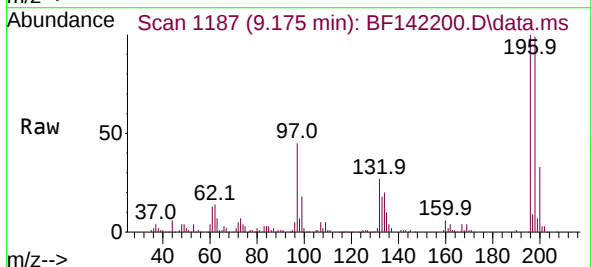
Instrument :
BNA_F
ClientSampleId :

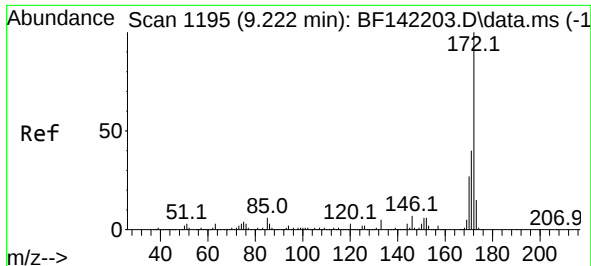
Tgt Ion:196 Resp: 108394
Ion Ratio Lower Upper
196 100
198 100.2 80.0 120.0
200 32.5 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 4.606 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:196 Resp: 121505
Ion Ratio Lower Upper
196 100
198 98.8 80.0 120.0
97 45.1 35.9 53.9
132 27.3 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 12.112 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.006 min

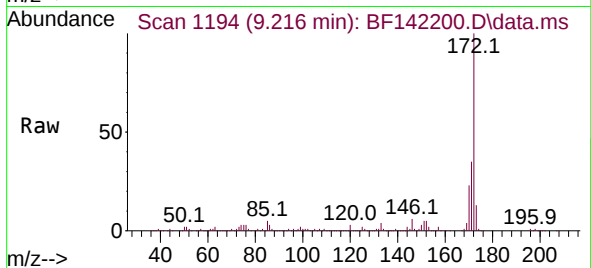
Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :



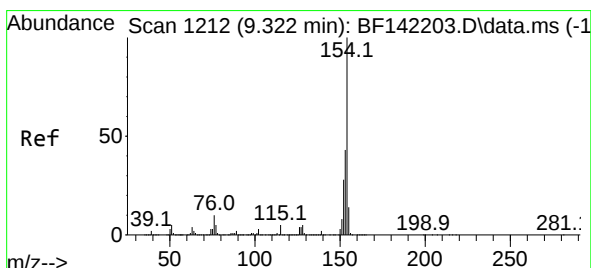
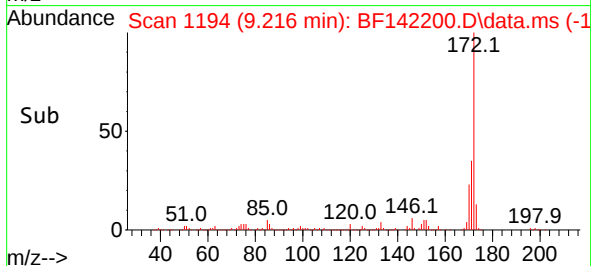
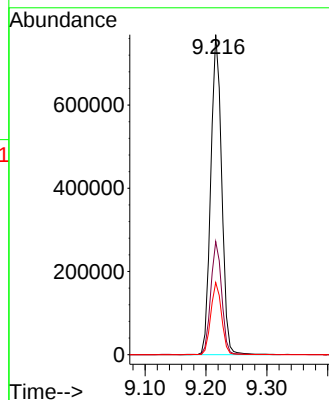
Tgt Ion:172 Resp: 957449

Ion Ratio Lower Upper

172 100

171 35.3 32.1 48.1

170 22.5 21.4 32.0



#46

1,1'-Biphenyl

Concen: 5.698 ng

RT: 9.322 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

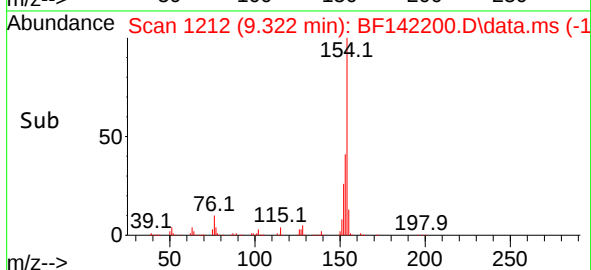
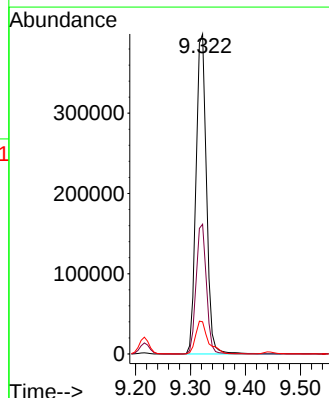
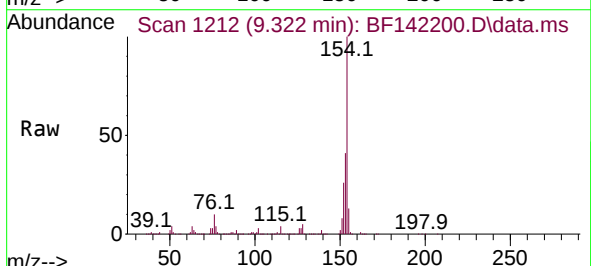
Tgt Ion:154 Resp: 526398

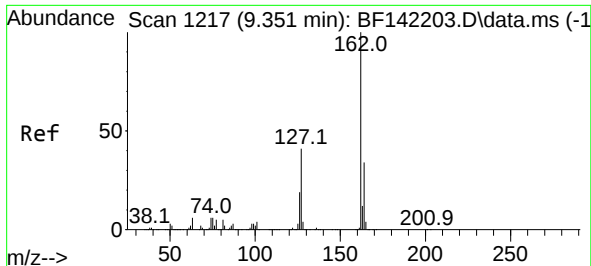
Ion Ratio Lower Upper

154 100

153 40.6 22.5 62.5

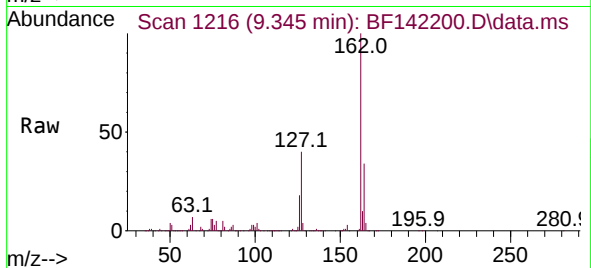
76 10.1 0.0 30.4



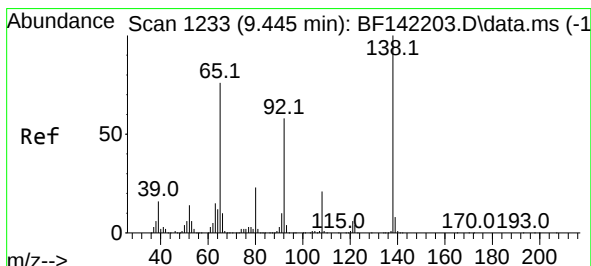
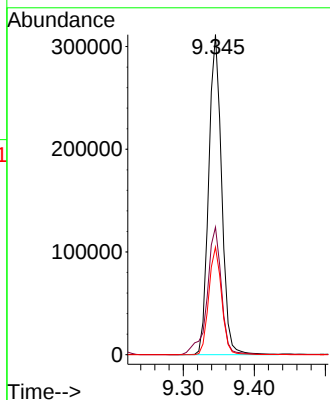
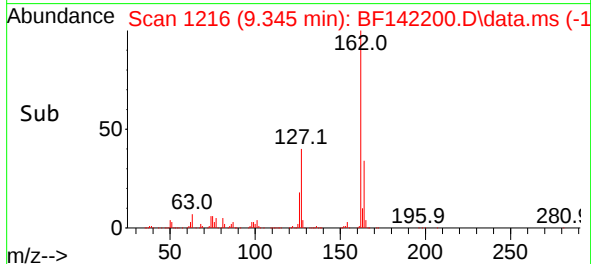


#47
2-Chloronaphthalene
Concen: 5.501 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

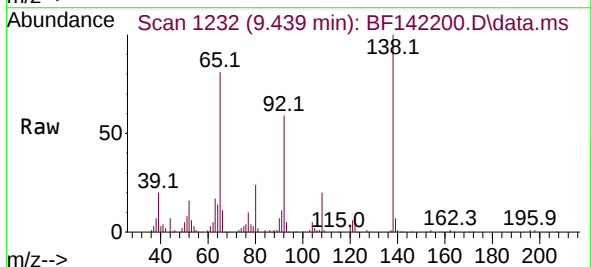
Instrument :
BNA_F
ClientSampleId :



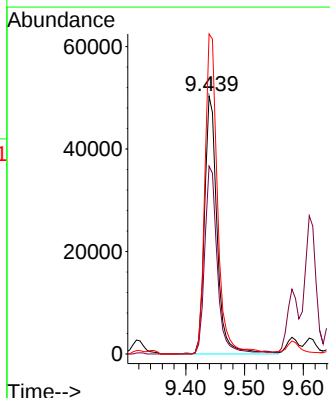
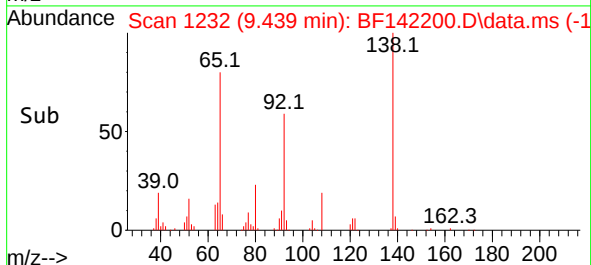
Tgt Ion:162 Resp: 394472
Ion Ratio Lower Upper
162 100
127 39.8 33.1 49.7
164 33.6 27.1 40.7

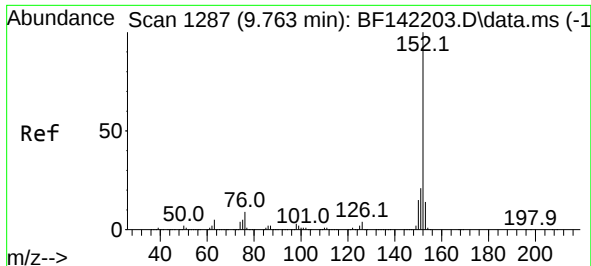


#48
2-Nitroaniline
Concen: 4.442 ng
RT: 9.439 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



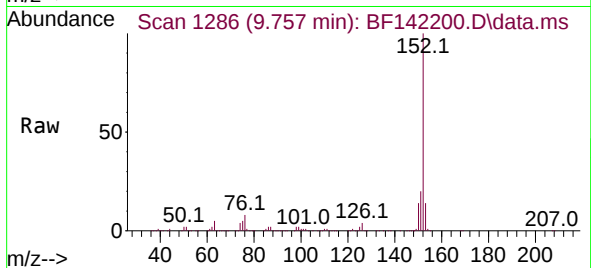
Tgt Ion: 65 Resp: 74673
Ion Ratio Lower Upper
65 100
92 72.8 61.4 92.0
138 124.1 105.8 158.6



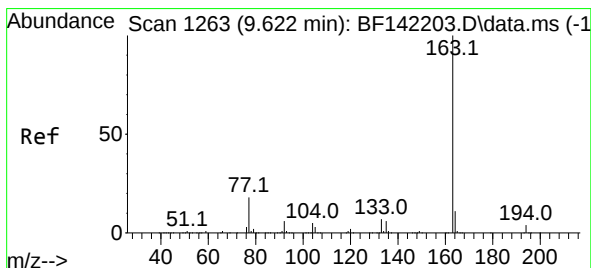
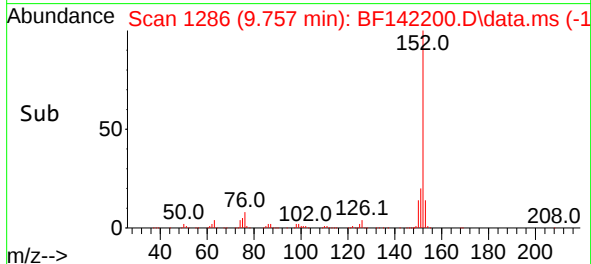
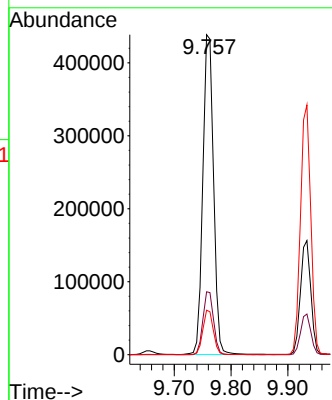


#49
Acenaphthylene
Concen: 5.688 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Instrument :
BNA_F
ClientSampleId :

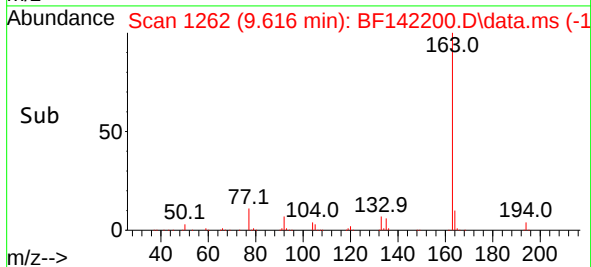
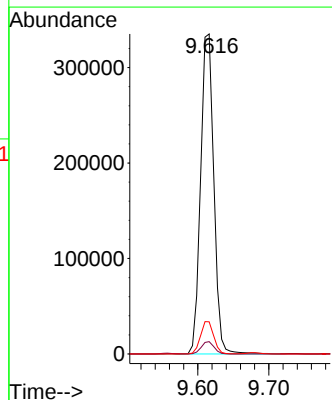
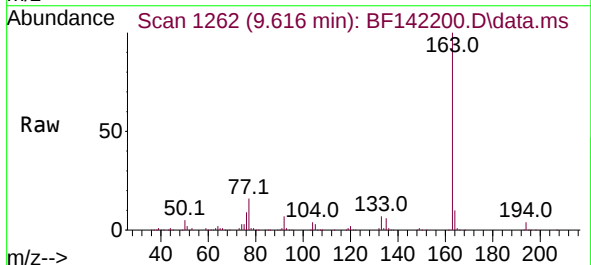


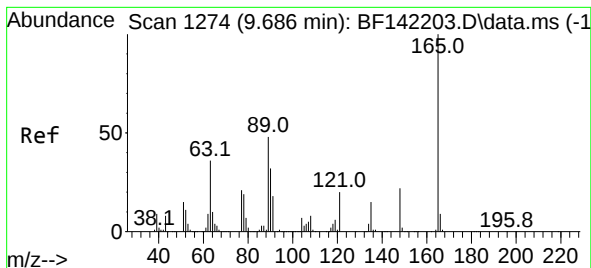
Tgt Ion:152 Resp: 576525
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.9 11.6 17.4



#50
Dimethylphthalate
Concen: 5.271 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:163 Resp: 435410
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.1 8.6 12.8

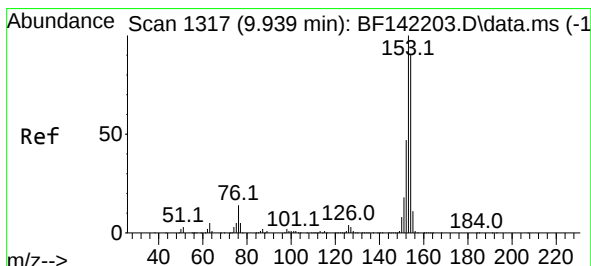
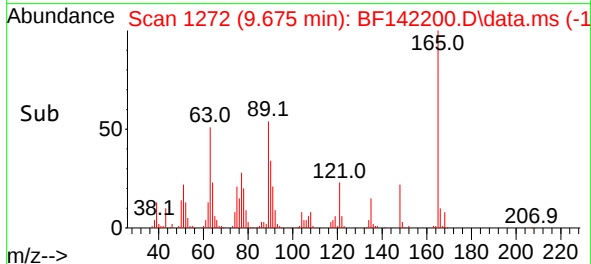
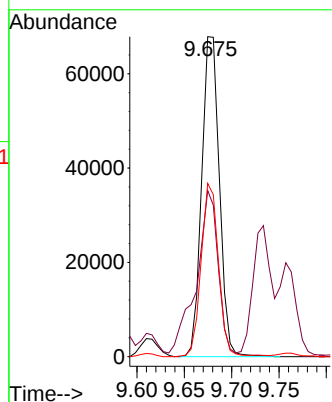
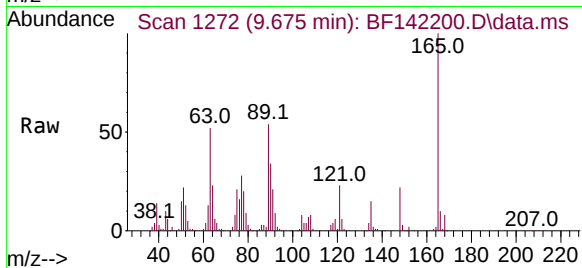




#51
2,6-Dinitrotoluene
Concen: 4.751 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

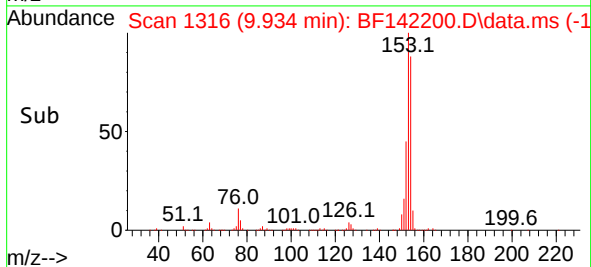
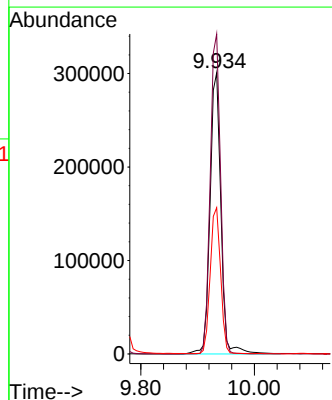
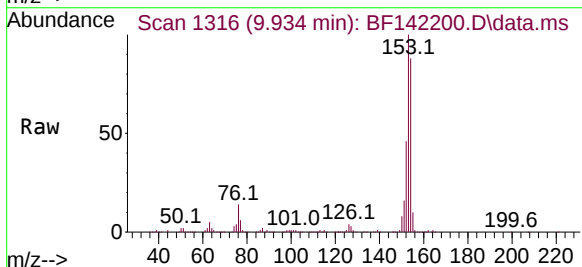
Instrument :
BNA_F
ClientSampleId :

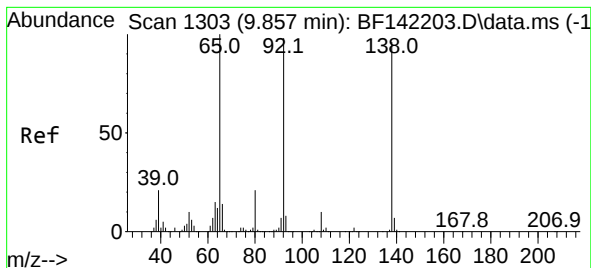
Tgt Ion:165 Resp: 88114
Ion Ratio Lower Upper
165 100
63 51.9 35.4 53.2
89 54.1 38.6 58.0



#52
Acenaphthene
Concen: 5.423 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:154 Resp: 396120
Ion Ratio Lower Upper
154 100
153 113.8 89.0 133.4
152 52.0 41.8 62.8





#53

3-Nitroaniline

Concen: 4.606 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

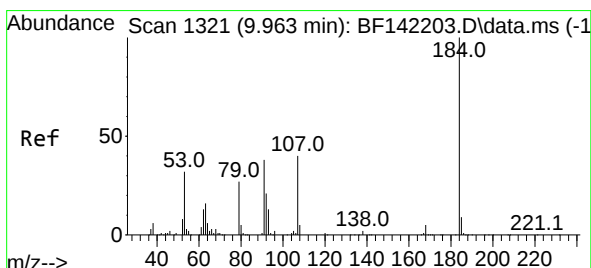
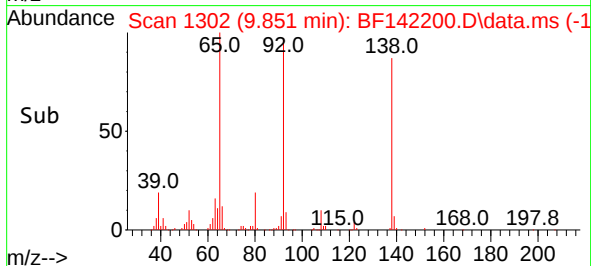
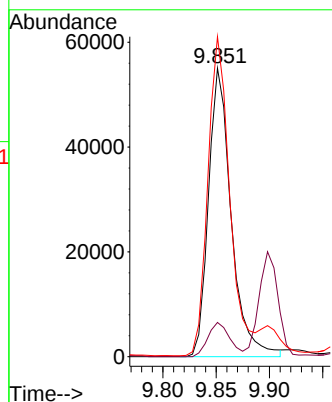
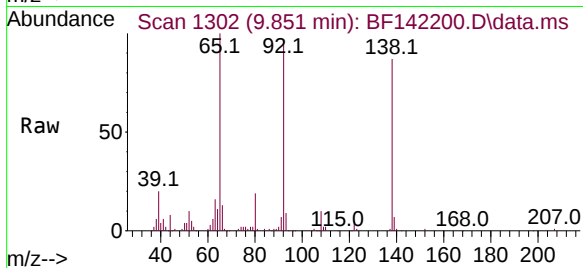
Tgt Ion:138 Resp: 81852

Ion Ratio Lower Upper

138 100

108 11.9 8.5 12.7

92 110.9 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 2.361 ng

RT: 9.969 min Scan# 1322

Delta R.T. 0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

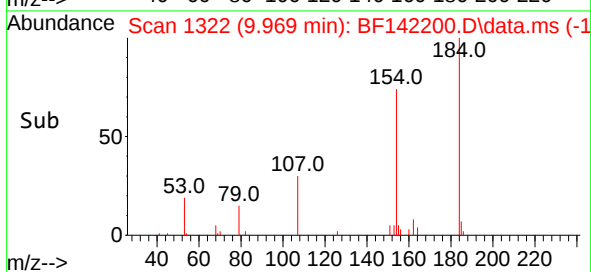
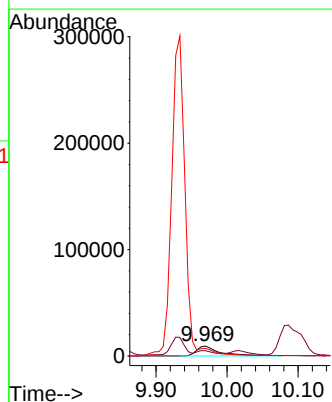
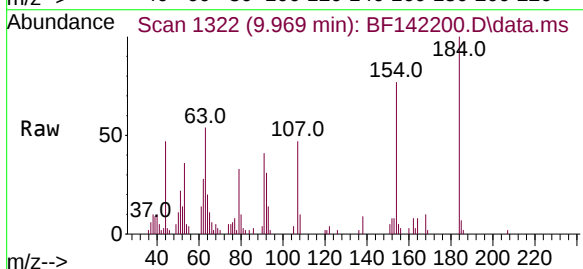
Tgt Ion:184 Resp: 21449

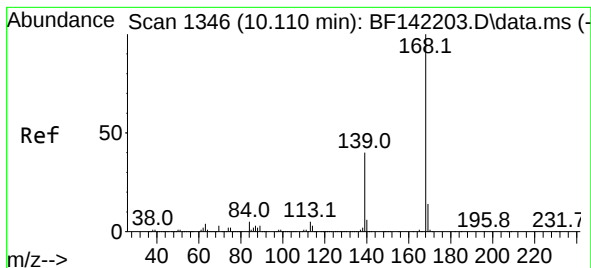
Ion Ratio Lower Upper

184 100

63 53.7 39.0 58.4

154 76.9 52.2 78.4





#55

Dibenzofuran

Concen: 5.768 ng

RT: 10.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

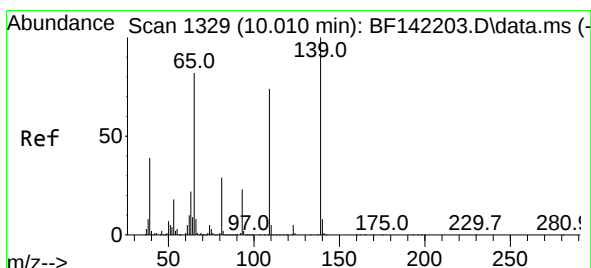
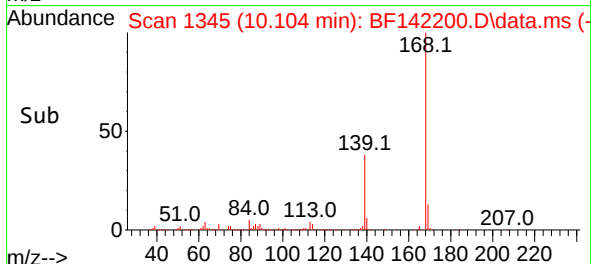
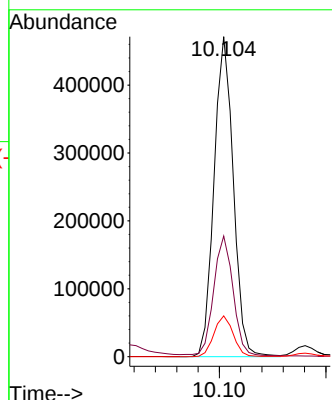
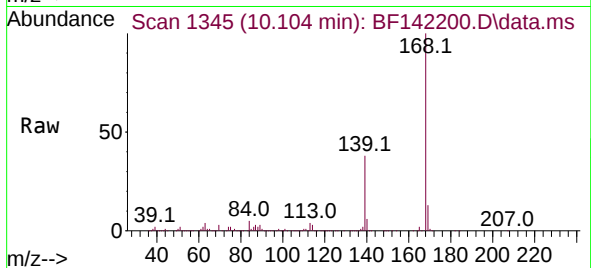
Tgt Ion:168 Resp: 590678

Ion Ratio Lower Upper

168 100

139 37.7 32.3 48.5

169 12.8 11.4 17.0



#56

4-Nitrophenol

Concen: 2.732 ng

RT: 10.016 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

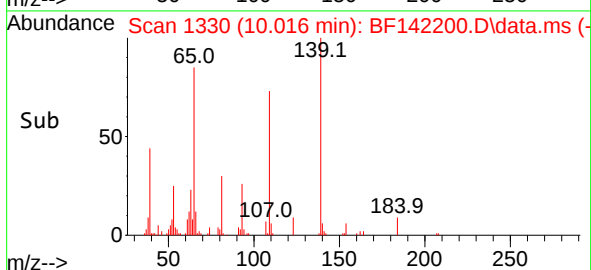
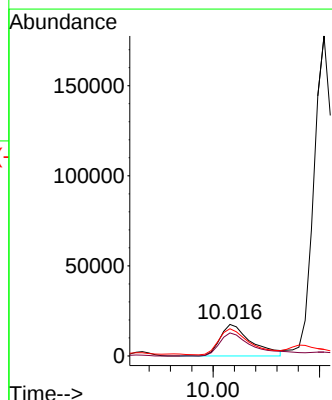
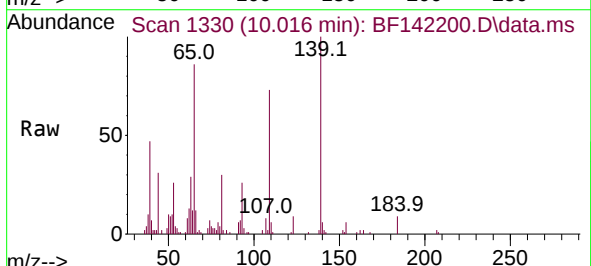
Tgt Ion:139 Resp: 35512

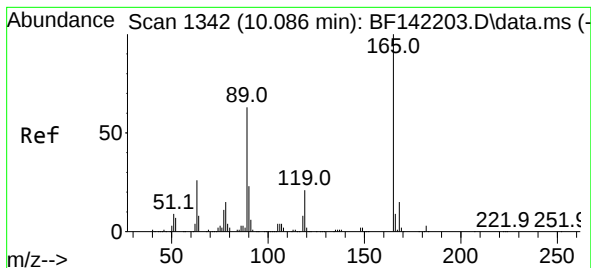
Ion Ratio Lower Upper

139 100

109 73.2 54.1 94.1

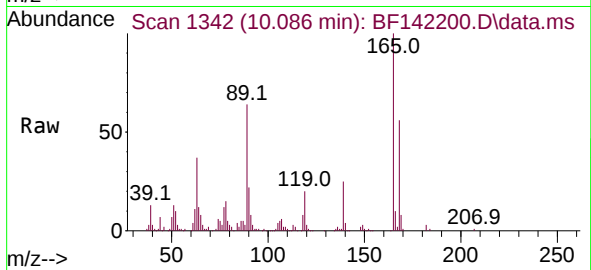
65 86.3 62.1 102.1



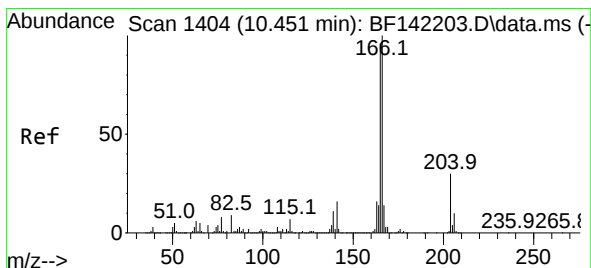
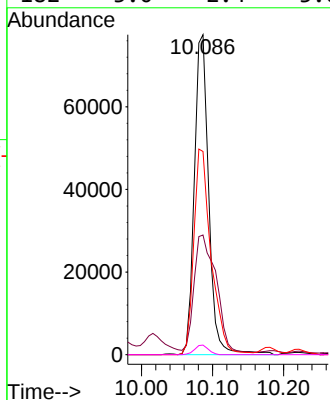
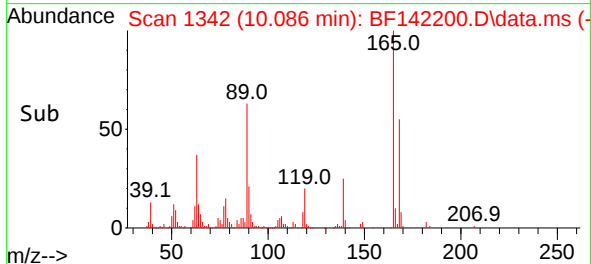


#57
2,4-Dinitrotoluene
Concen: 4.565 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

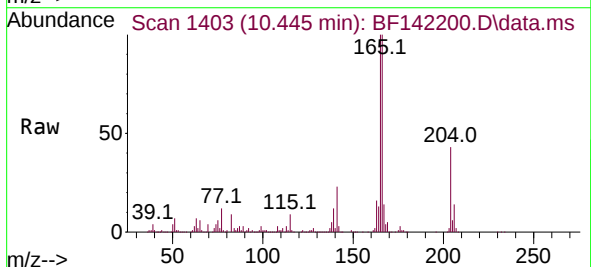
Instrument :
BNA_F
ClientSampleId :



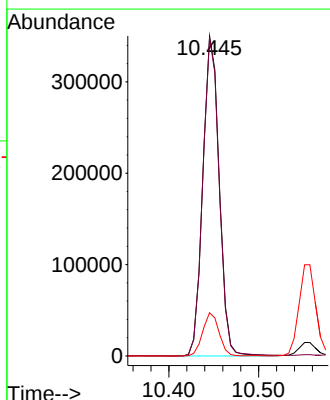
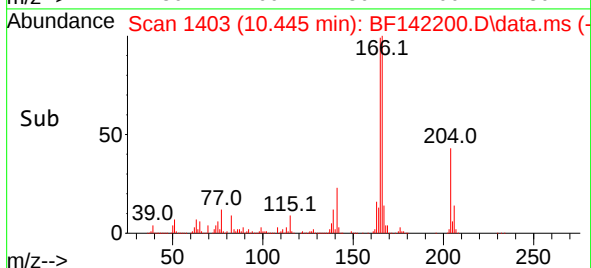
Tgt Ion:165 Resp: 109358
Ion Ratio Lower Upper
165 100
63 37.4 29.0 43.6
89 63.5 50.1 75.1
182 3.0 2.4 3.6

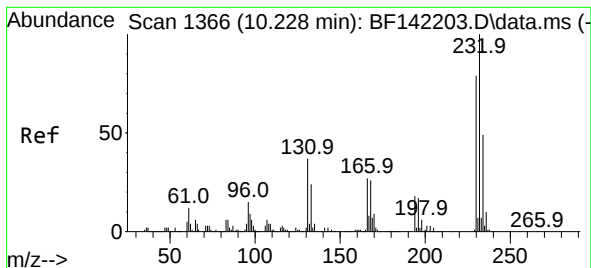


#58
Fluorene
Concen: 5.615 ng
RT: 10.445 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



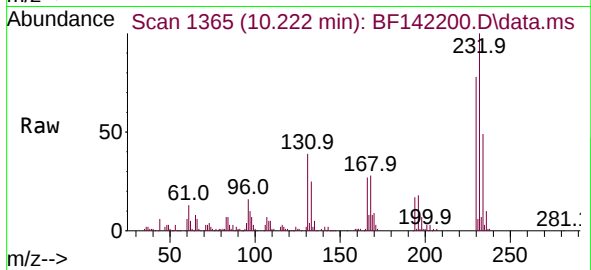
Tgt Ion:166 Resp: 444828
Ion Ratio Lower Upper
166 100
165 99.5 77.1 115.7
167 13.5 11.0 16.4



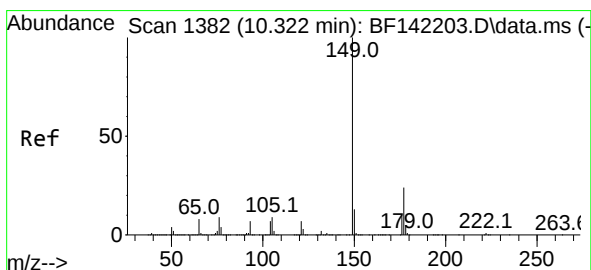
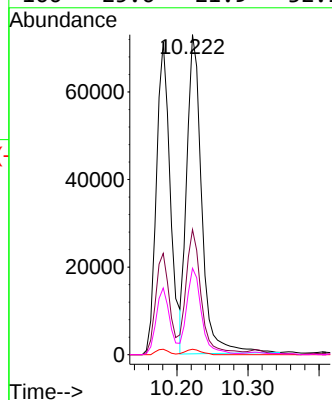
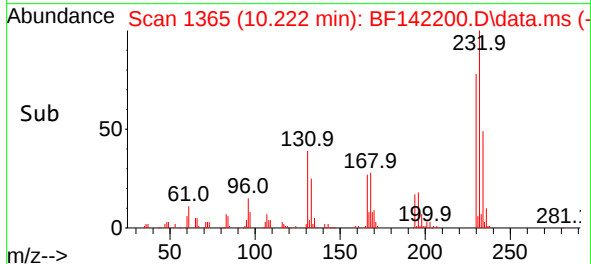


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.512 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

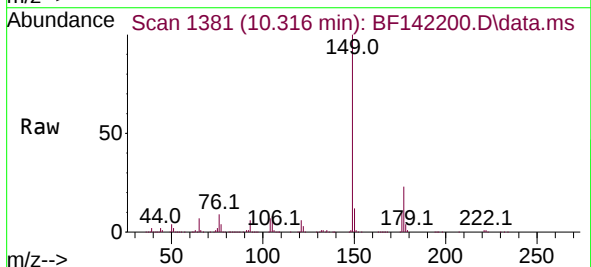
Instrument :
BNA_F
ClientSampleId :



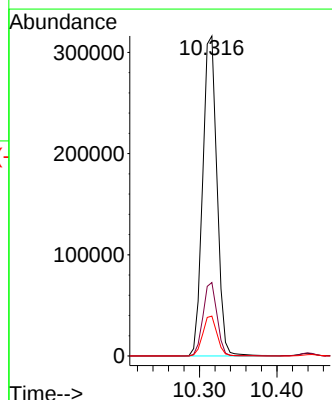
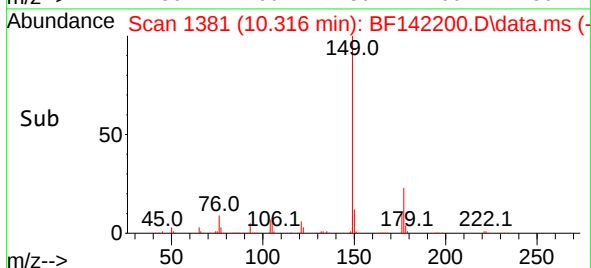
Tgt Ion:232 Resp: 106421
Ion Ratio Lower Upper
232 100
131 40.9 31.9 47.9
130 1.8 1.6 2.4
166 25.6 21.9 32.9

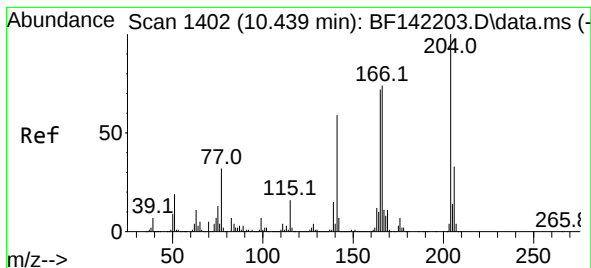


#60
Diethylphthalate
Concen: 5.249 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion:149 Resp: 404910
Ion Ratio Lower Upper
149 100
177 22.9 19.6 29.4
150 12.5 10.6 15.8

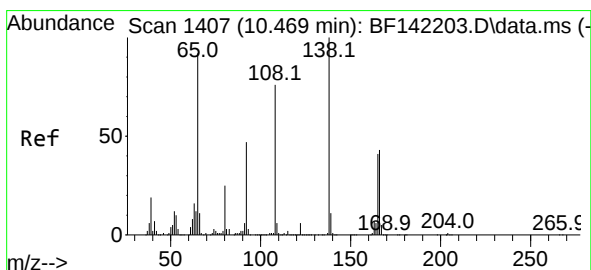
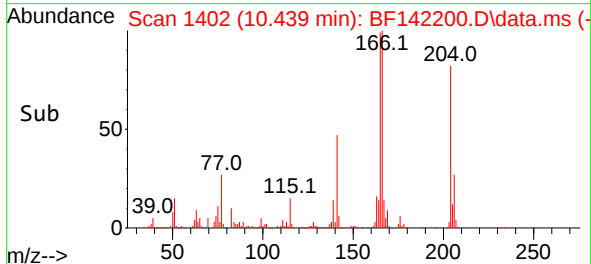
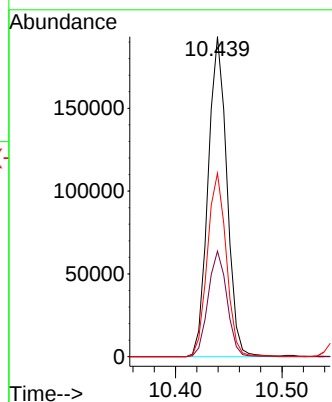
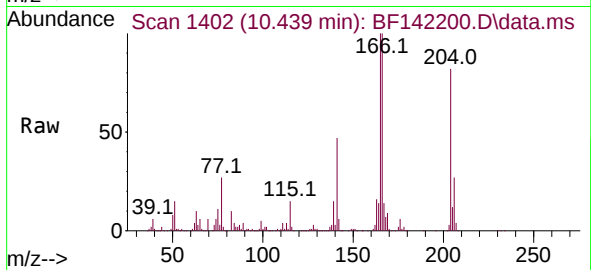




#61
4-Chlorophenyl-phenylether
Concen: 5.440 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

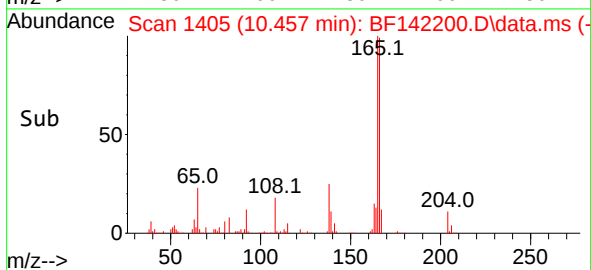
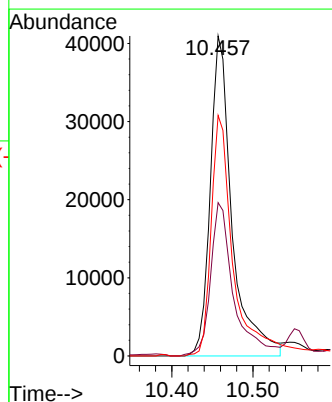
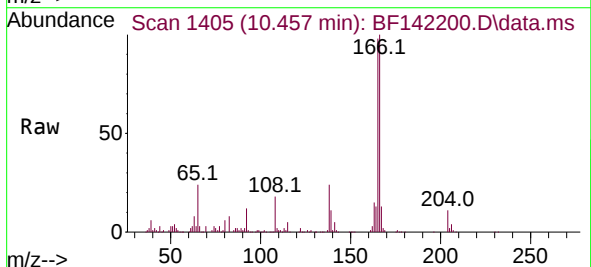
Instrument :
BNA_F
ClientSampleId :

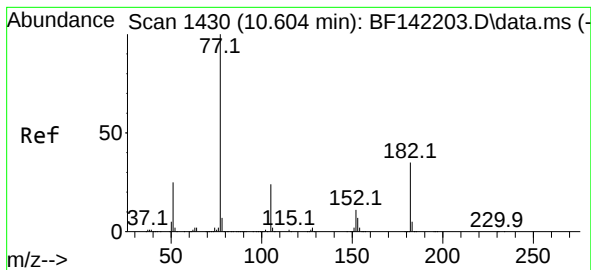
Tgt Ion:204 Resp: 237295
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 57.3 47.0 70.6



#62
4-Nitroaniline
Concen: 4.527 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:138 Resp: 76464
Ion Ratio Lower Upper
138 100
92 47.9 26.7 66.7
108 75.2 56.5 96.5





#63

Azobenzene

Concen: 5.499 ng

RT: 10.598 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 369395

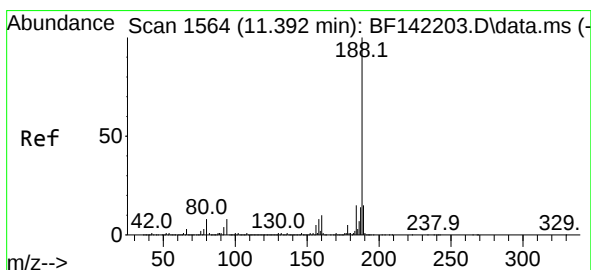
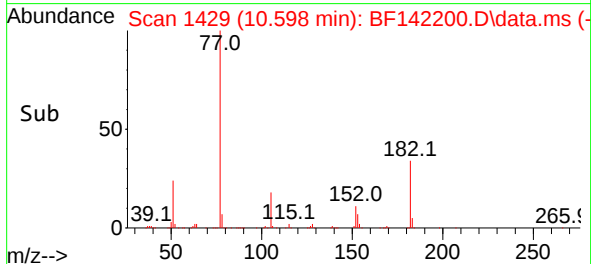
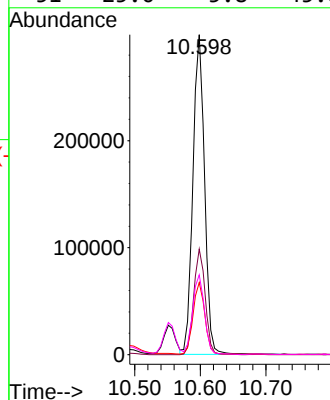
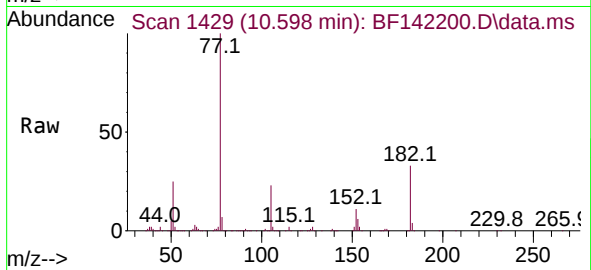
Ion Ratio Lower Upper

77 100

182 33.0 14.8 54.8

105 22.6 4.0 44.0

51 25.0 5.8 45.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1563

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

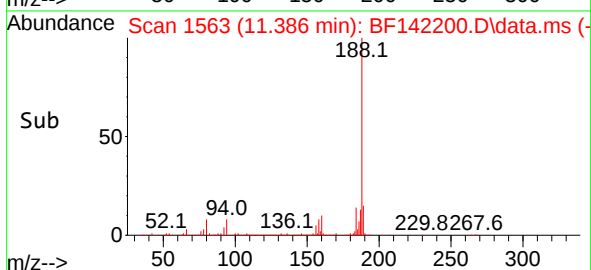
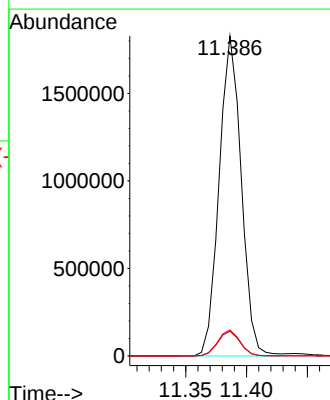
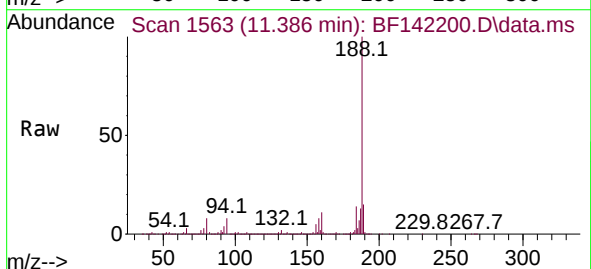
Tgt Ion:188 Resp: 2308754

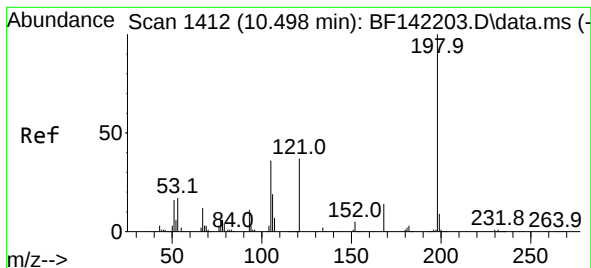
Ion Ratio Lower Upper

188 100

94 7.7 6.3 9.5

80 8.1 6.7 10.1

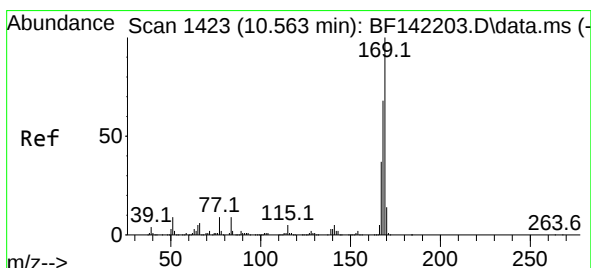
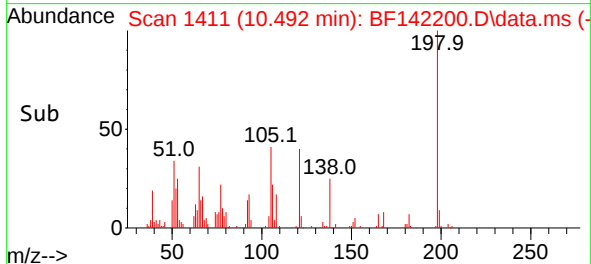
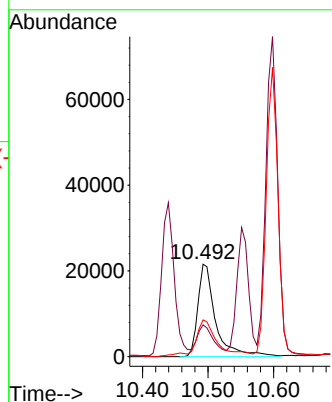
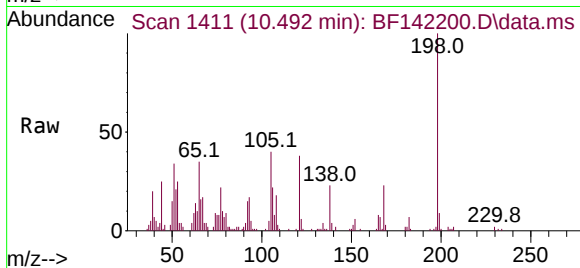




#65
4,6-Dinitro-2-methylphenol
Concen: 3.019 ng
RT: 10.492 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

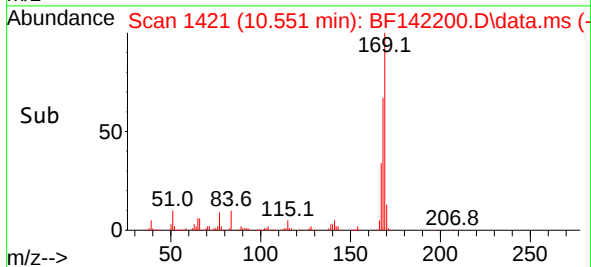
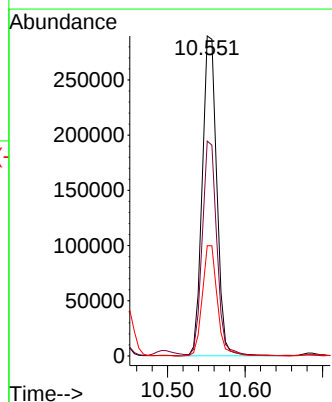
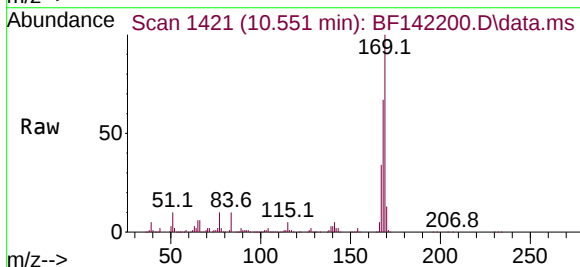
Instrument :
BNA_F
ClientSampleId :

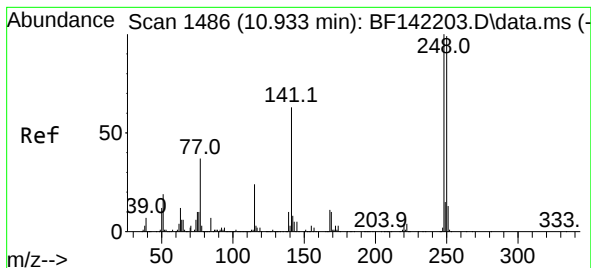
Tgt Ion:198 Resp: 40690
Ion Ratio Lower Upper
198 100
51 34.4 10.2 50.2
105 39.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 5.313 ng
RT: 10.551 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

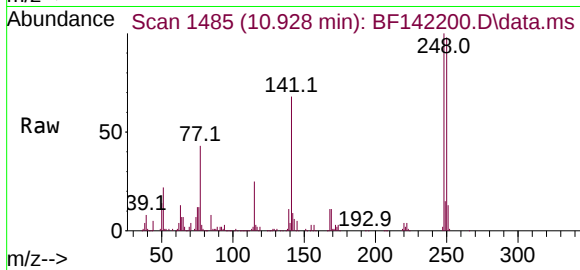
Tgt Ion:169 Resp: 375934
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 34.4 29.4 44.2



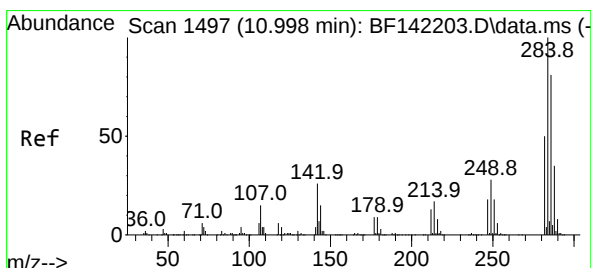
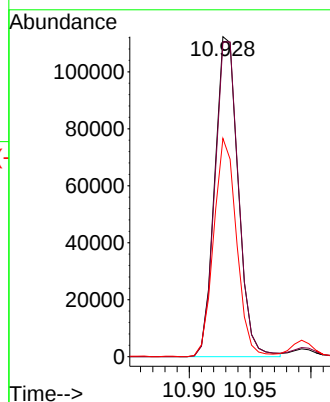
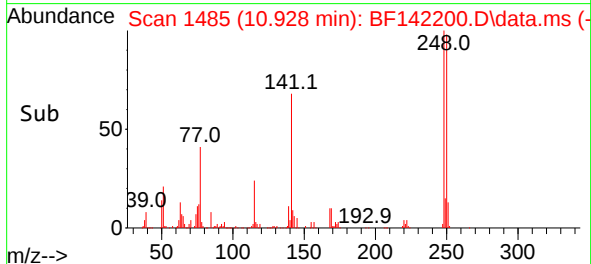


#67
4-Bromophenyl-phenylether
Concen: 4.963 ng
RT: 10.928 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

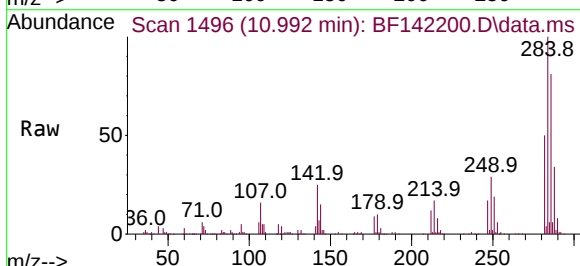
Instrument :
BNA_F
ClientSampleId :



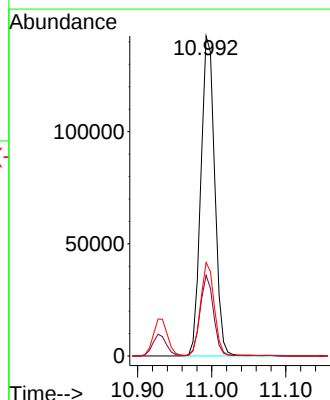
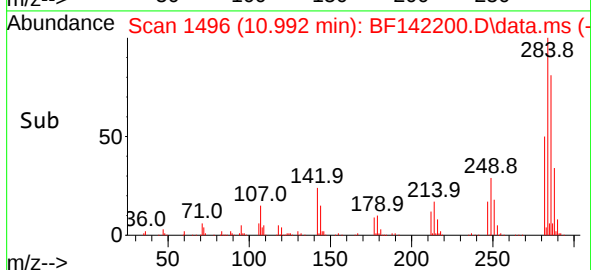
Tgt Ion:248 Resp: 150701
Ion Ratio Lower Upper
248 100
250 98.3 78.8 118.2
141 68.2 50.6 75.8

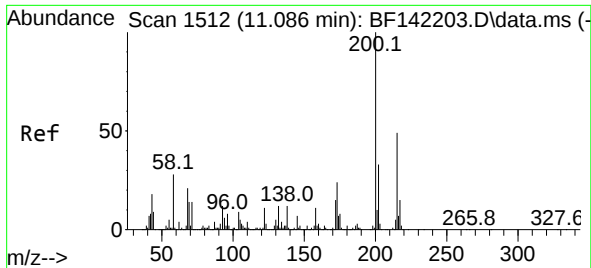


#68
Hexachlorobenzene
Concen: 5.152 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41



Tgt Ion:284 Resp: 186172
Ion Ratio Lower Upper
284 100
142 25.2 20.7 31.1
249 29.2 22.8 34.2

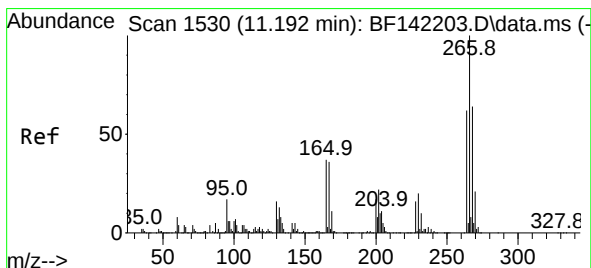
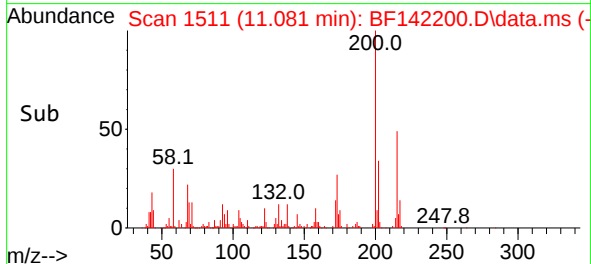
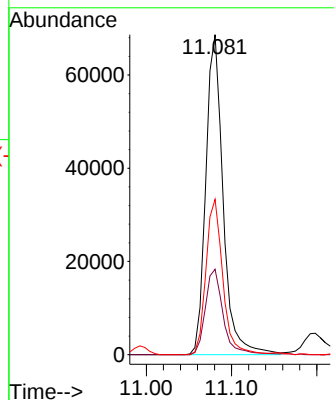
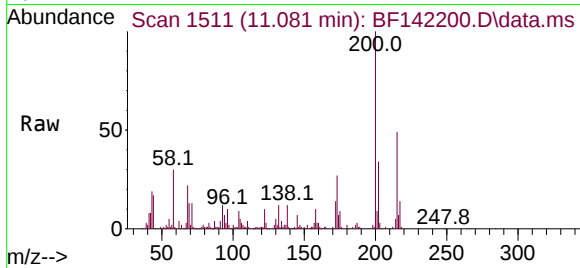




#69
 Atrazine
 Concen: 5.627 ng
 RT: 11.081 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

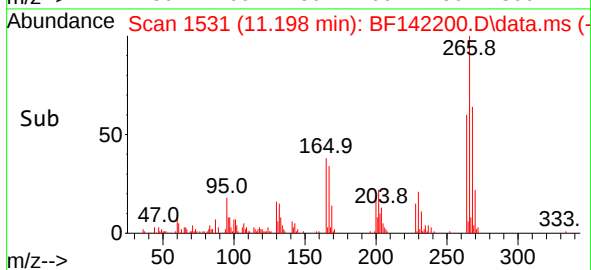
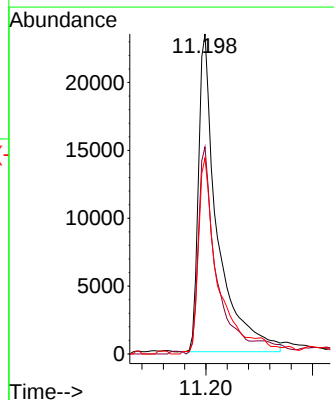
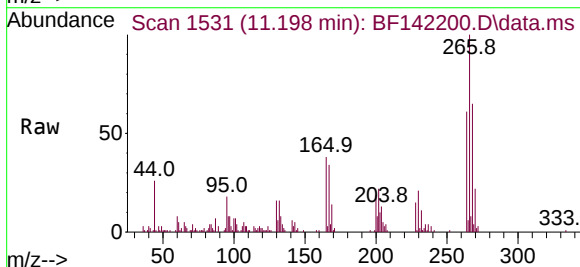
Instrument :
 BNA_F
 ClientSampleId :

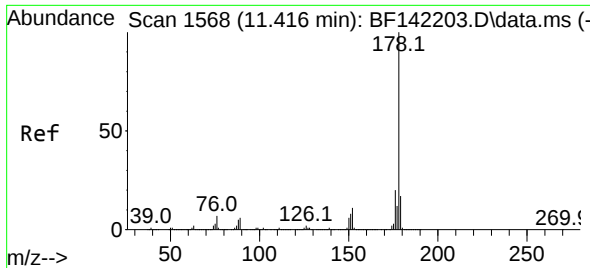
Tgt Ion:200 Resp: 97174
 Ion Ratio Lower Upper
 200 100
 173 26.7 4.4 44.4
 215 48.6 28.6 68.6



#70
 Pentachlorophenol
 Concen: 3.134 ng
 RT: 11.198 min Scan# 1531
 Delta R.T. 0.006 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

Tgt Ion:266 Resp: 57765
 Ion Ratio Lower Upper
 266 100
 268 64.7 50.9 76.3
 264 61.2 49.4 74.2

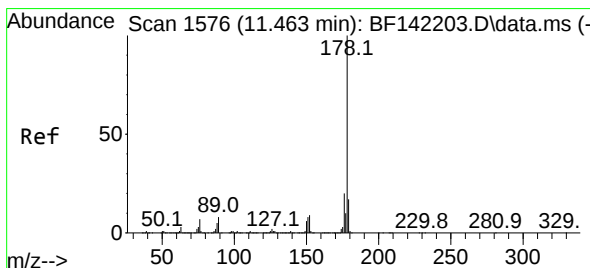
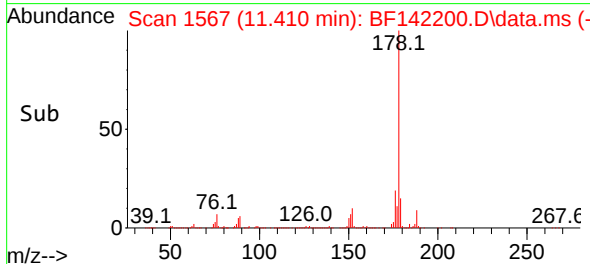
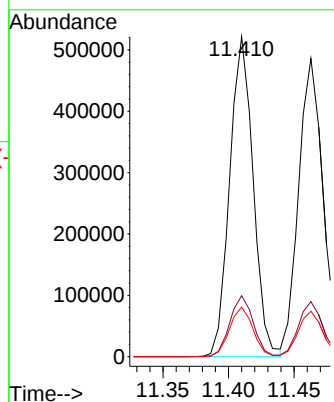
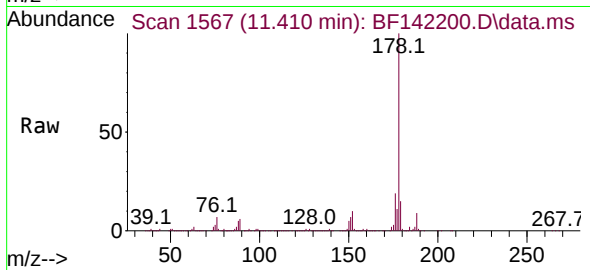




#71
Phenanthrene
Concen: 5.672 ng
RT: 11.410 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

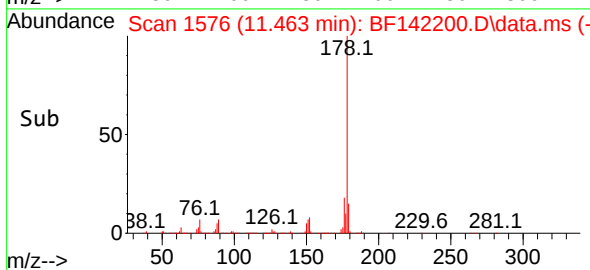
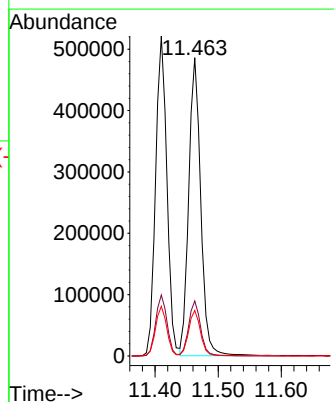
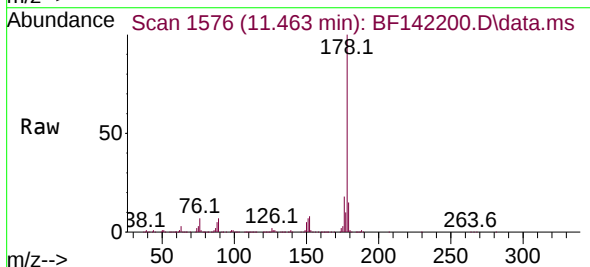
Instrument :
BNA_F
ClientSampleId :

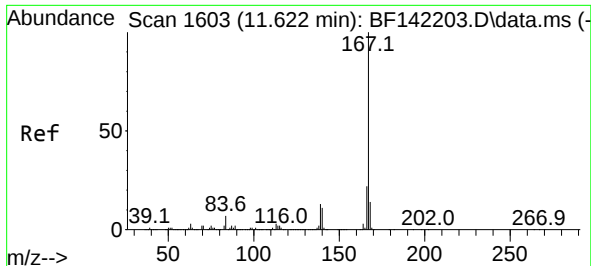
Tgt Ion:178 Resp: 650283
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.5 13.3 19.9



#72
Anthracene
Concen: 5.608 ng
RT: 11.463 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:178 Resp: 642901
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.3 13.4 20.0

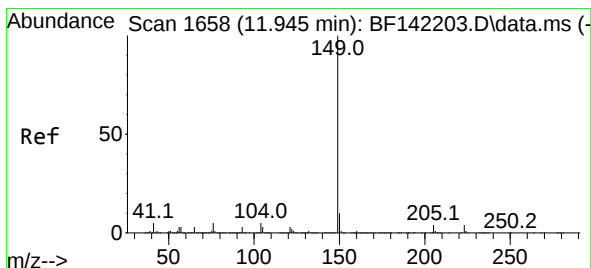
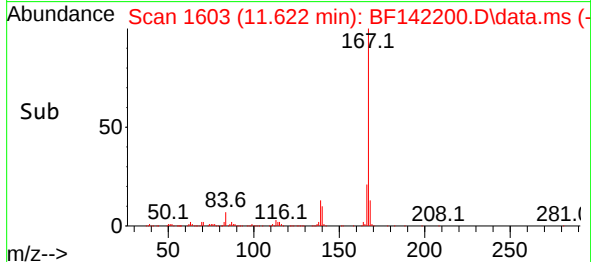
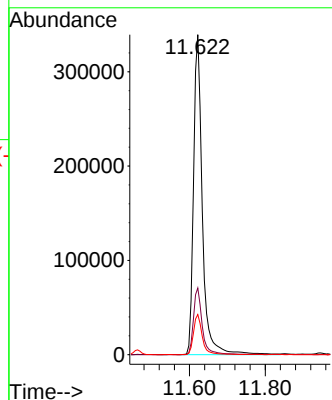
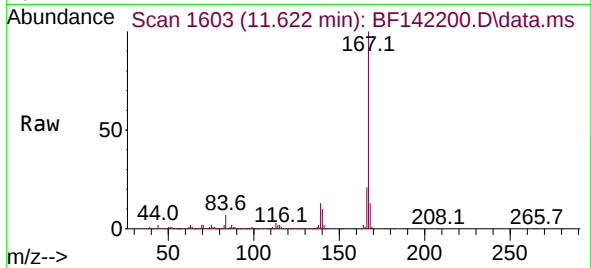




#73
 Carbazole
 Concen: 5.486 ng
 RT: 11.622 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

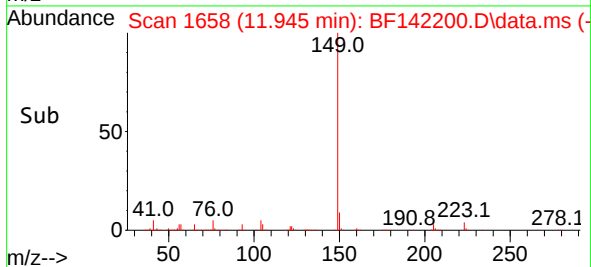
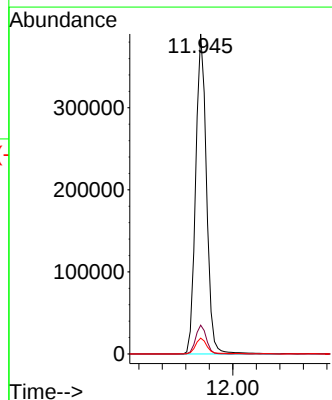
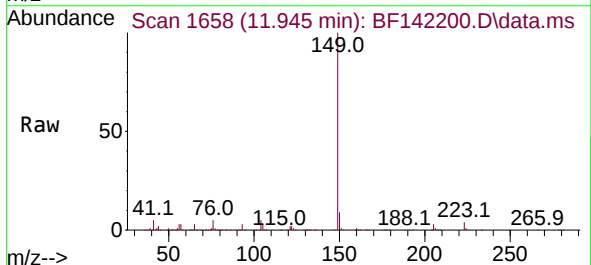
Instrument :
 BNA_F
 ClientSampleId :

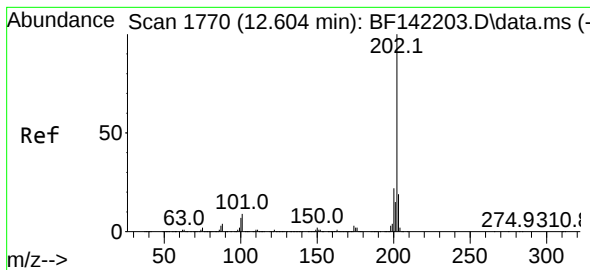
Tgt Ion:167 Resp: 549466
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.2
 139 12.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 4.797 ng
 RT: 11.945 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF142200.D
 Acq: 21 Apr 2025 11:41

Tgt Ion:149 Resp: 497255
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 4.9 4.0 6.0

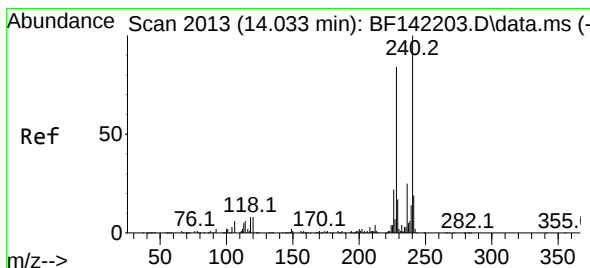
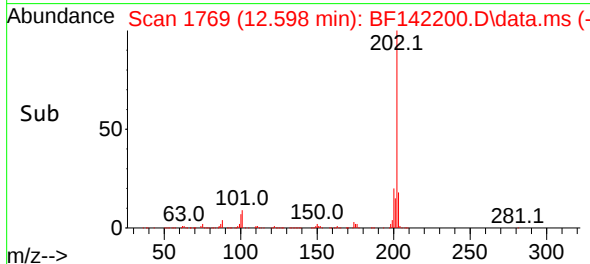
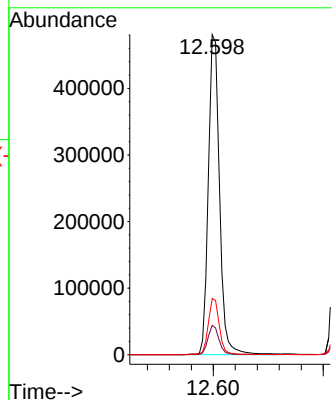
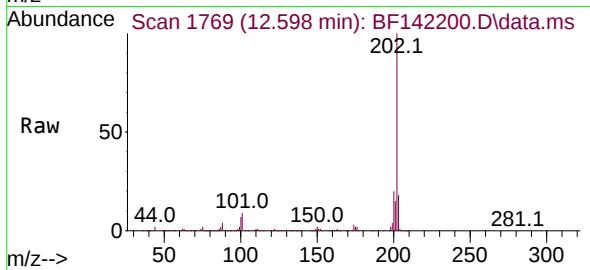




#75
Fluoranthene
Concen: 5.697 ng
RT: 12.598 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

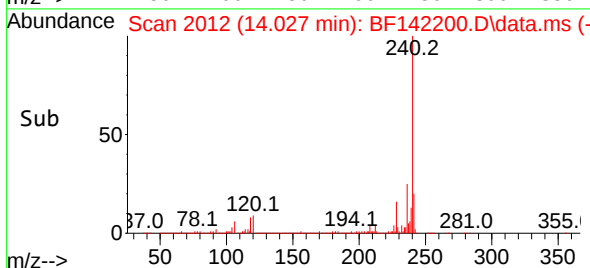
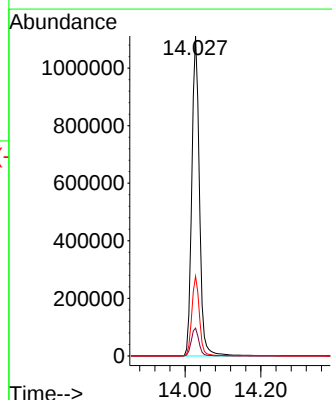
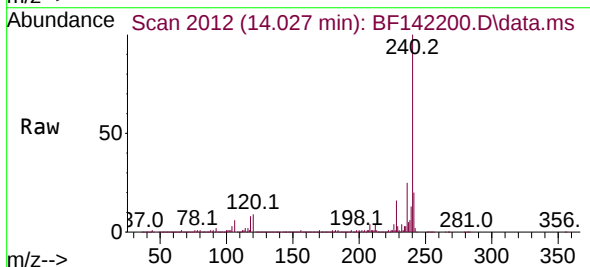
Instrument :
BNA_F
ClientSampleId :

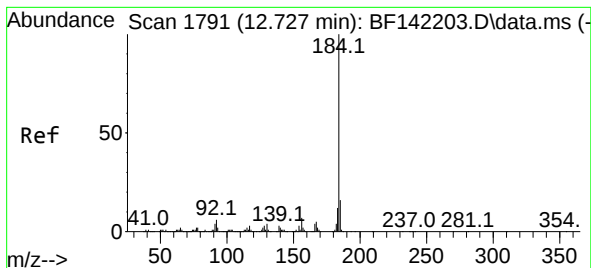
Tgt Ion:202 Resp: 678999
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142200.D
Acq: 21 Apr 2025 11:41

Tgt Ion:240 Resp: 1558310
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 24.9 20.2 30.2





#77

Benzidine

Concen: 4.455 ng

RT: 12.739 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

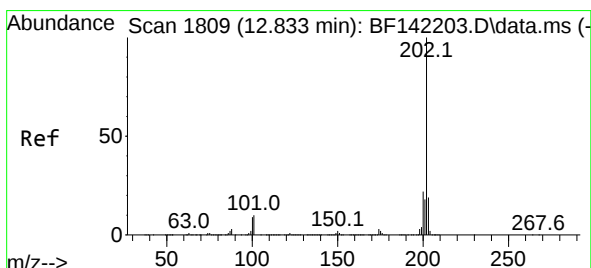
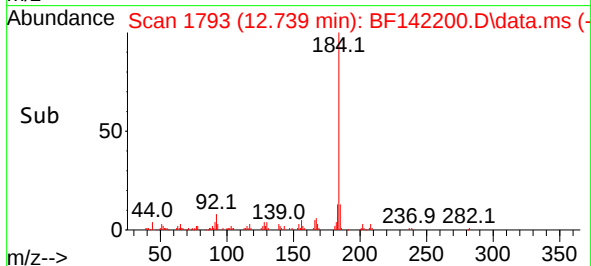
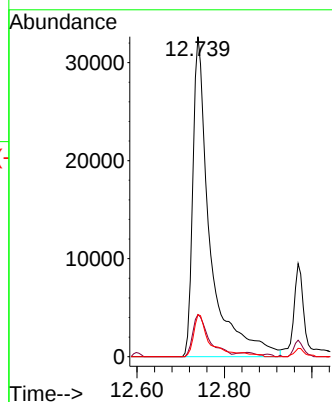
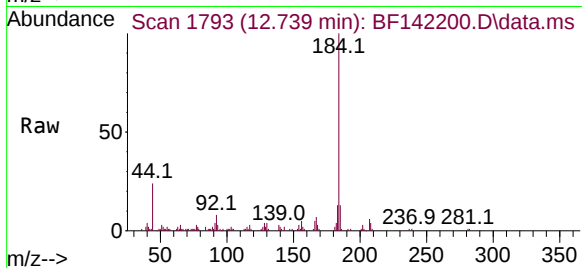
Tgt Ion:184 Resp: 89578

Ion Ratio Lower Upper

184 100

185 13.2 13.0 19.6

183 13.2 9.6 14.4



#78

Pyrene

Concen: 5.613 ng

RT: 12.827 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

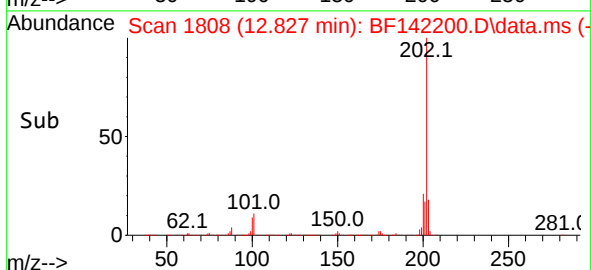
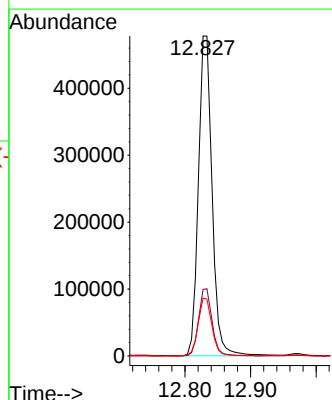
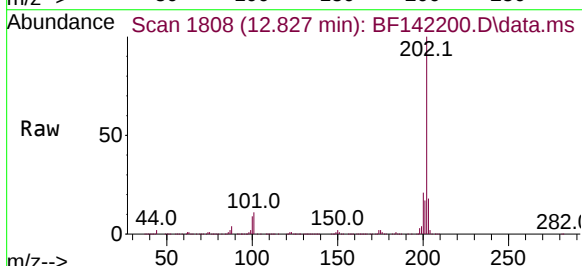
Tgt Ion:202 Resp: 694653

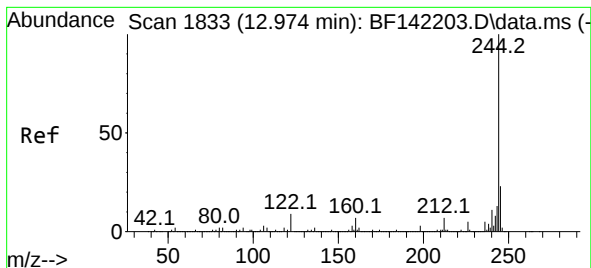
Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

203 18.1 14.8 22.2





#79

Terphenyl-d14

Concen: 11.646 ng

RT: 12.969 min Scan# 1832

Delta R.T. -0.005 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

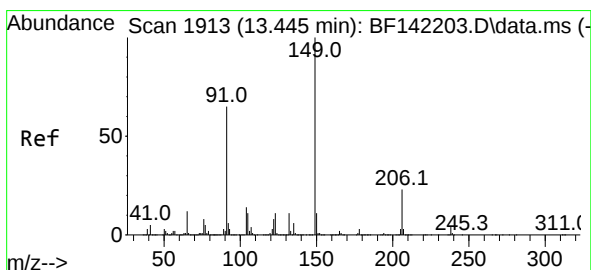
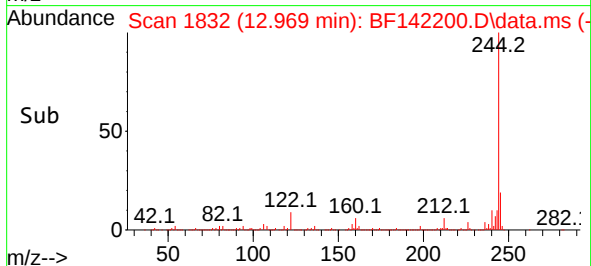
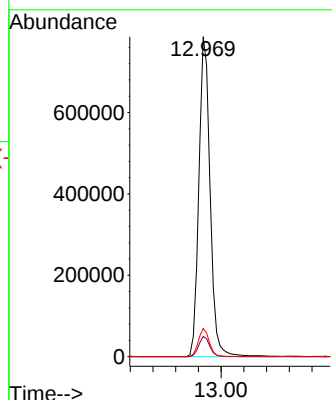
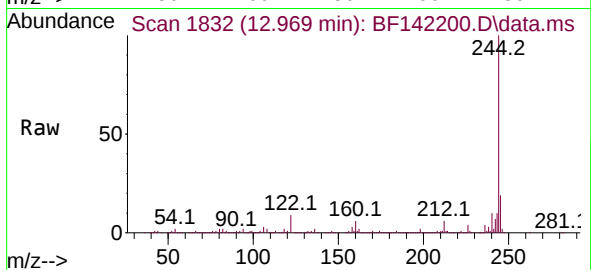
Tgt Ion:244 Resp: 1083297

Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

122 8.8 7.3 10.9



#80

Butylbenzylphthalate

Concen: 3.356 ng

RT: 13.445 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

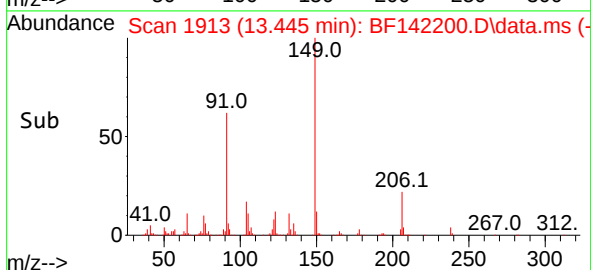
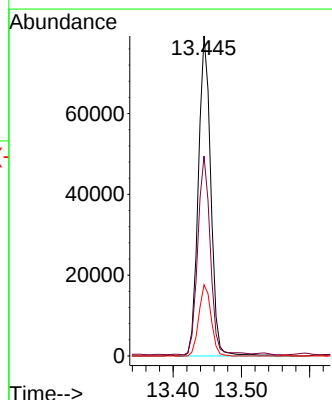
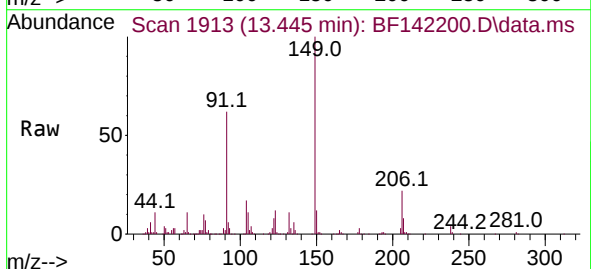
Tgt Ion:149 Resp: 100529

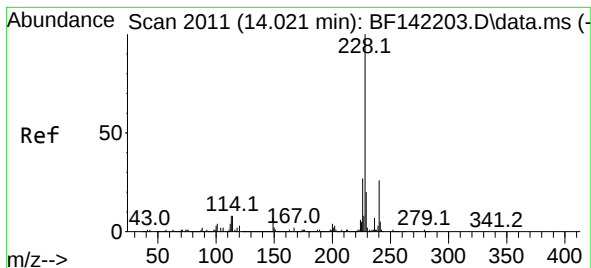
Ion Ratio Lower Upper

149 100

91 62.4 51.8 77.8

206 22.3 18.2 27.4





#81

Benzo(a)anthracene

Concen: 4.942 ng

RT: 14.016 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

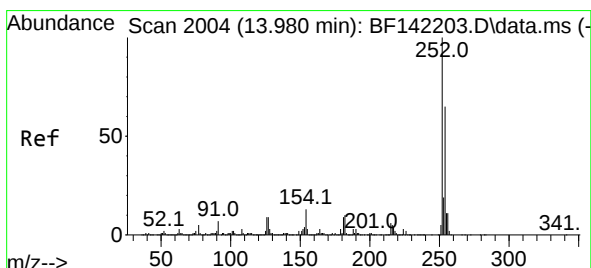
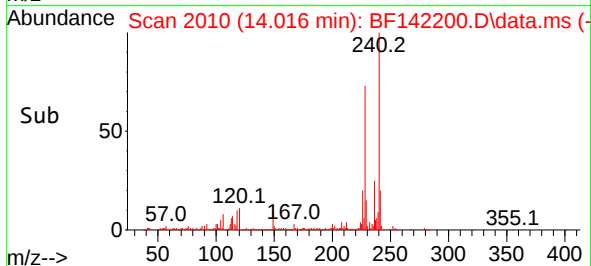
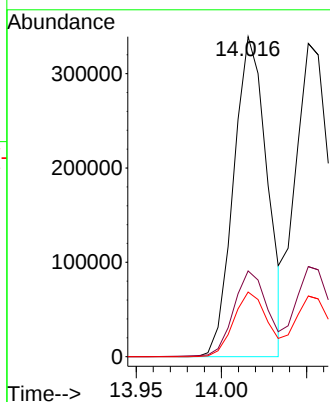
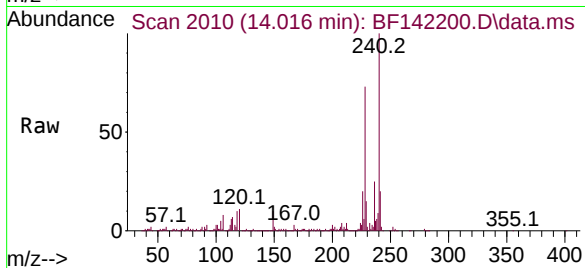
Tgt Ion:228 Resp: 466477

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 3.769 ng

RT: 13.986 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

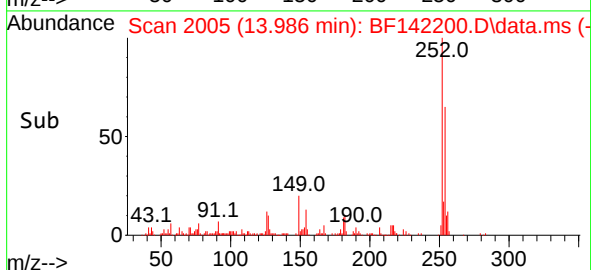
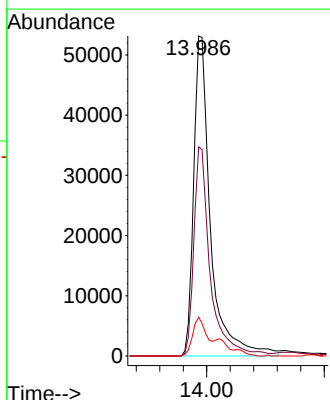
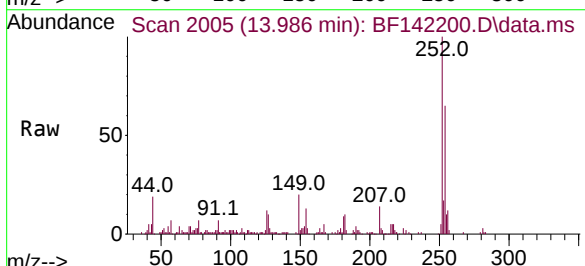
Tgt Ion:252 Resp: 105936

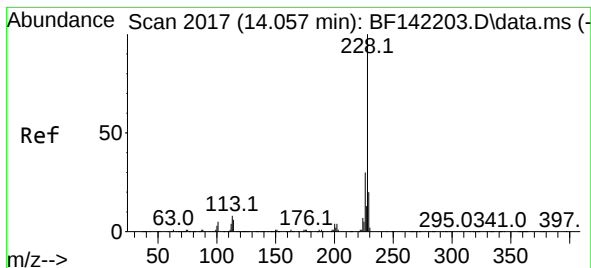
Ion Ratio Lower Upper

252 100

254 65.4 51.9 77.9

126 12.1 7.4 11.0#





#83

Chrysene

Concen: 5.396 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

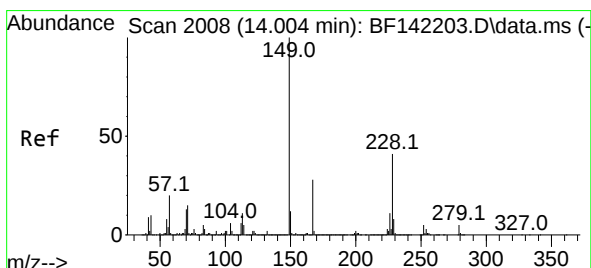
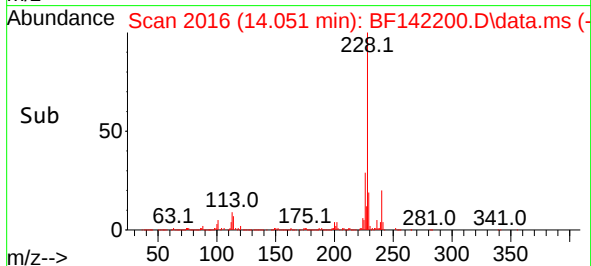
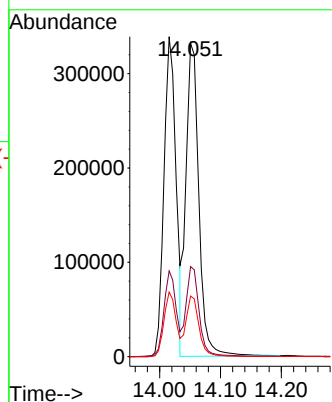
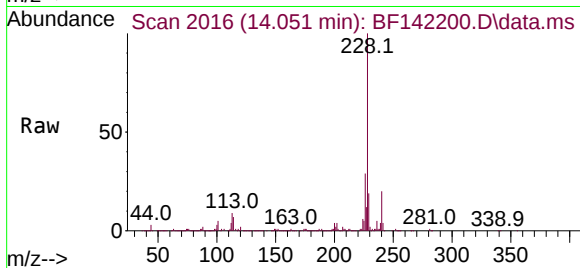
Tgt Ion:228 Resp: 490666

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

229 19.4 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.416 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

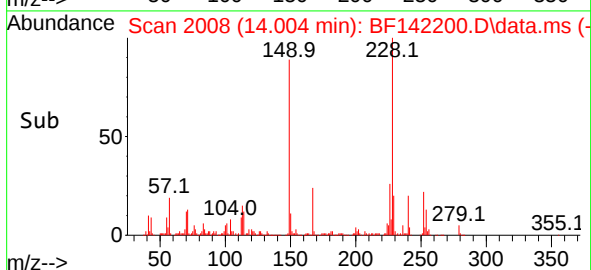
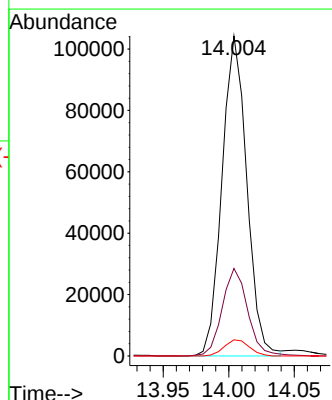
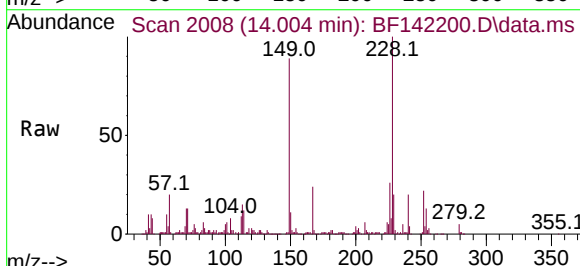
Tgt Ion:149 Resp: 136919

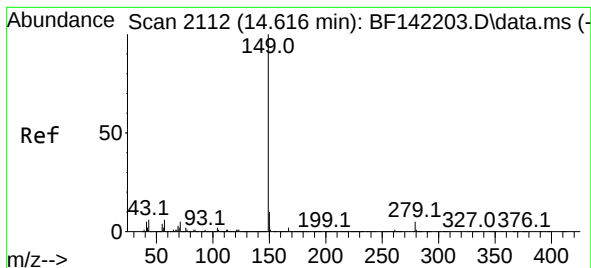
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 5.1 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 3.263 ng

RT: 14.616 min Scan# 2112

Delta R.T. -0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

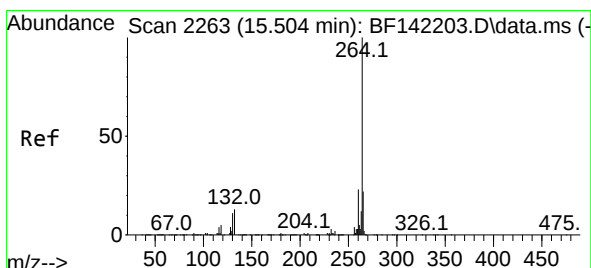
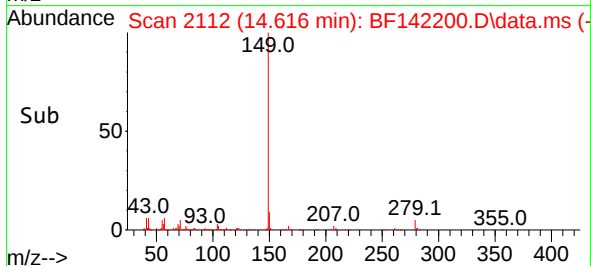
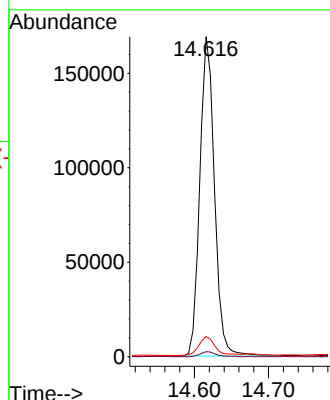
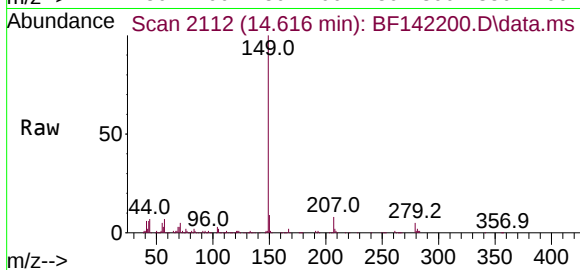
Tgt Ion:149 Resp: 231625

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.6 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

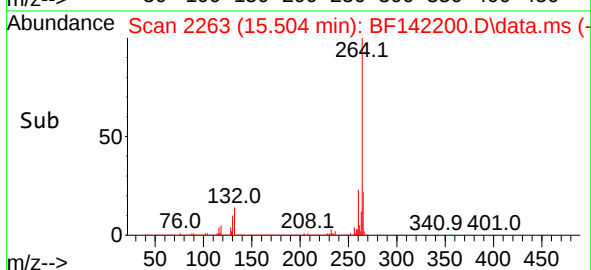
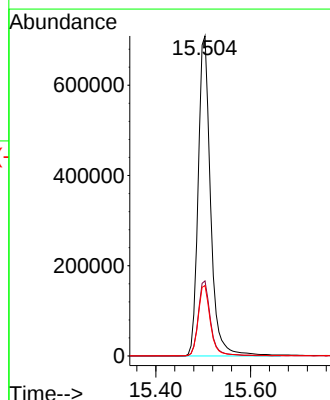
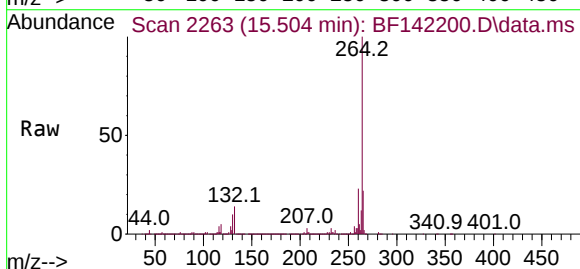
Tgt Ion:264 Resp: 1289026

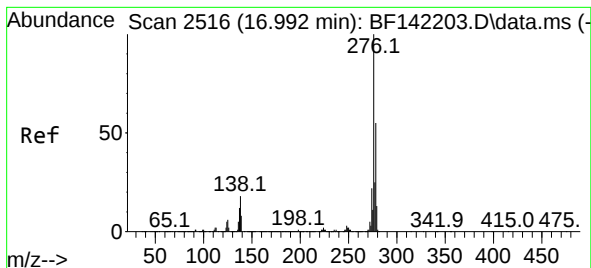
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.909 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

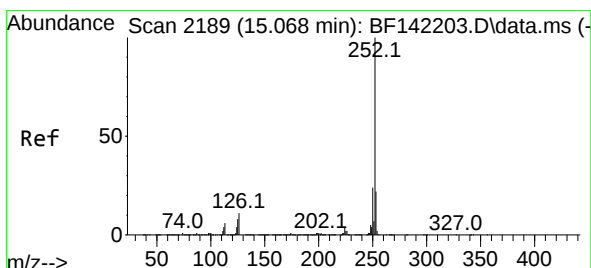
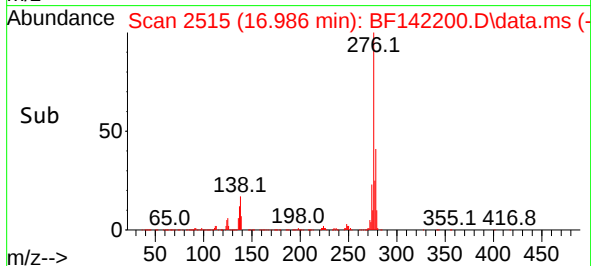
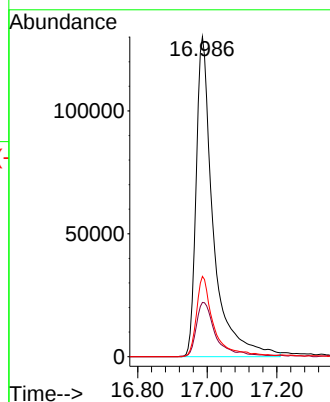
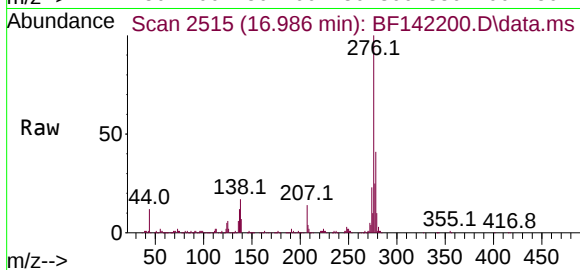
Tgt Ion:276 Resp: 444005

Ion Ratio Lower Upper

276 100

138 18.2 15.1 22.7

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 4.426 ng

RT: 15.069 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

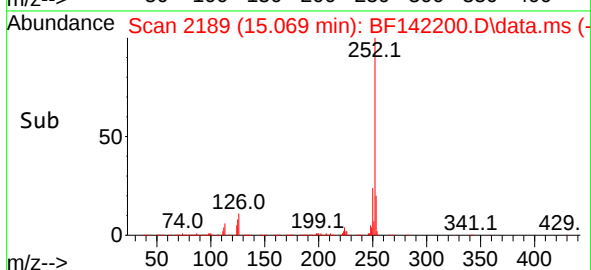
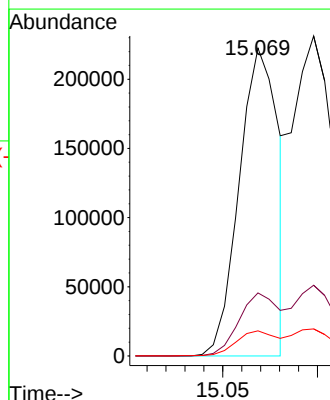
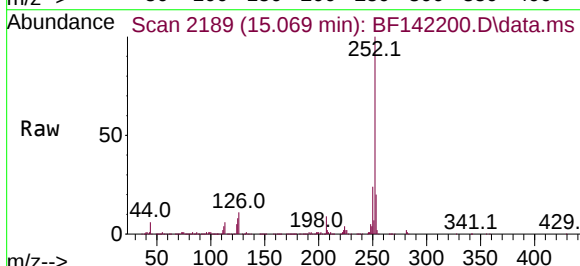
Tgt Ion:252 Resp: 320061

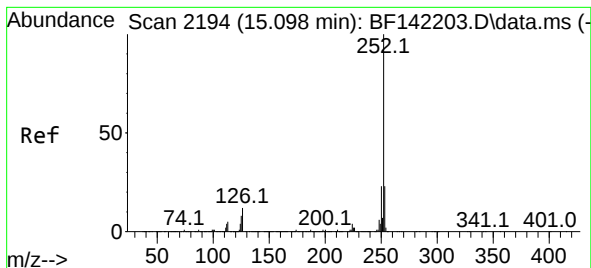
Ion Ratio Lower Upper

252 100

253 20.5 17.8 26.8

125 8.2 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 4.951 ng

RT: 15.098 min Scan# 2194

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

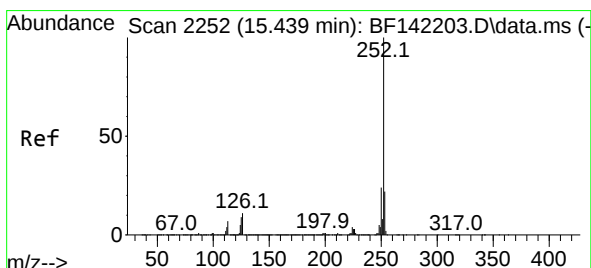
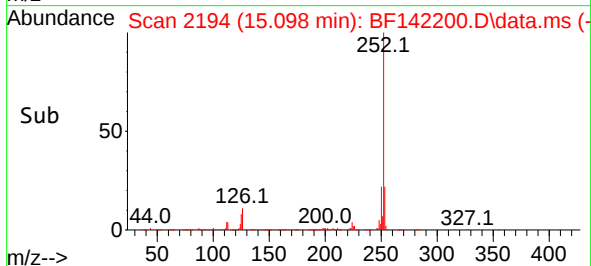
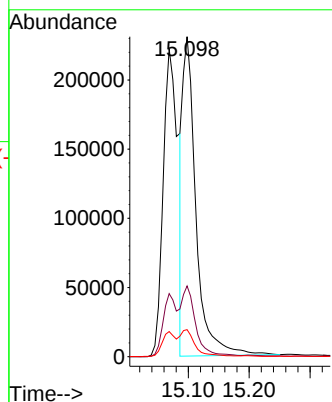
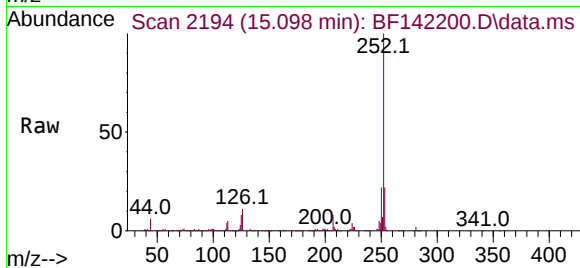
Tgt Ion:252 Resp: 354111

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 8.5 6.6 10.0



#90

Benzo(a)pyrene

Concen: 4.924 ng

RT: 15.439 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

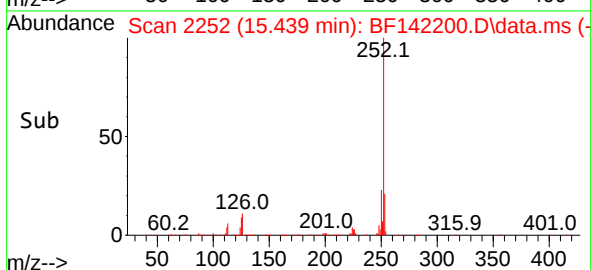
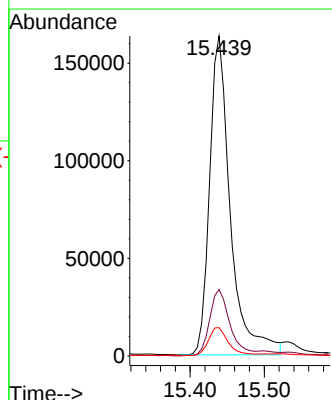
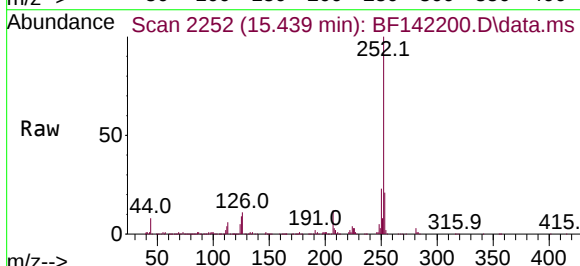
Tgt Ion:252 Resp: 318689

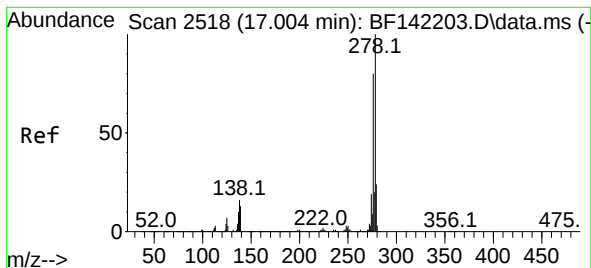
Ion Ratio Lower Upper

252 100

253 20.7 17.8 26.6

125 8.9 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 4.874 ng

RT: 17.004 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Instrument :

BNA_F

ClientSampleId :

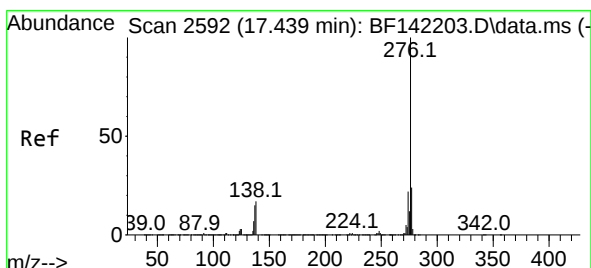
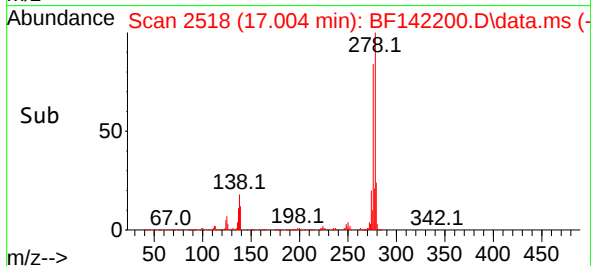
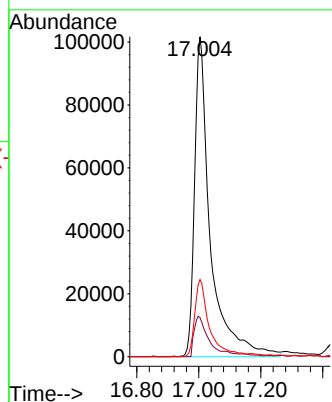
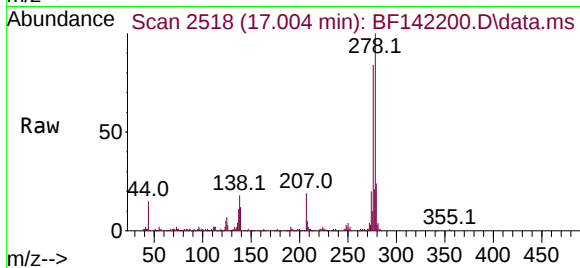
Tgt Ion:278 Resp: 359577

Ion Ratio Lower Upper

278 100

139 12.2 10.2 15.4

279 24.1 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 4.930 ng

RT: 17.433 min Scan# 2591

Delta R.T. -0.006 min

Lab File: BF142200.D

Acq: 21 Apr 2025 11:41

Tgt Ion:276 Resp: 378842

Ion Ratio Lower Upper

276 100

277 21.9 19.2 28.8

138 17.2 13.4 20.2

