

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142204.D
 Acq On : 21 Apr 2025 13:33
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:03:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 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	609907	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	2232349	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1277505	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	2180134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1377336	20.000	ng	0.00
86) Perylene-d12	15.504	264	1484280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3182296	97.823	ng	0.00
7) Phenol-d6	6.492	99	3942648	96.775	ng	0.00
23) Nitrobenzene-d5	7.434	82	3442608	96.851	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	1790366	102.501	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	6474295	82.604	ng	0.00
79) Terphenyl-d14	12.974	244	6992233	85.049	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	636632	48.212	ng	97
3) Pyridine	3.375	79	1436565	50.122	ng	98
4) n-Nitrosodimethylamine	3.328	42	601536	51.689	ng	94
6) Aniline	6.528	93	1740733	46.274	ng	98
8) 2-Chlorophenol	6.651	128	1823018	48.957	ng	99
9) Benzaldehyde	6.416	77	1043083	46.633	ng	99
10) Phenol	6.510	94	2092683	48.700	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	1590849	49.092	ng	98
12) 1,3-Dichlorobenzene	6.804	146	2037607	48.288	ng	99
13) 1,4-Dichlorobenzene	6.881	146	2067930	47.782	ng	99
14) 1,2-Dichlorobenzene	7.039	146	1917794	47.633	ng	99
15) Benzyl Alcohol	7.004	79	1496999	50.395	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1542179	49.099	ng	100
17) 2-Methylphenol	7.116	107	1383290	49.358	ng	99
18) Hexachloroethane	7.375	117	712490	48.461	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	1100118	47.752	ng	99
20) 3+4-Methylphenols	7.269	107	1707743	48.995	ng	95
22) Acetophenone	7.275	105	2326644	47.482	ng	97
24) Nitrobenzene	7.451	77	1732454	49.197	ng	98
25) Isophorone	7.686	82	2914438	48.845	ng	100
26) 2-Nitrophenol	7.763	139	972175	52.520	ng	99
27) 2,4-Dimethylphenol	7.798	122	1228070	51.024	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	1920423	49.040	ng	99
29) 2,4-Dichlorophenol	8.004	162	1652054	50.469	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	1860606	48.605	ng	100
31) Naphthalene	8.169	128	4921869	46.673	ng	98
32) Benzoic acid	7.928	122	1106070	49.472	ng	99
33) 4-Chloroaniline	8.222	127	1851815	48.498	ng	99
34) Hexachlorobutadiene	8.286	225	1216090	48.139	ng	98
35) Caprolactam	8.592	113	462448	52.958	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	1628612	49.425	ng	97
37) 2-Methylnaphthalene	8.857	142	3512806	48.200	ng	99
38) 1-Methylnaphthalene	8.957	142	3373357	47.805	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	1991650	47.647	ng	99
41) Hexachlorocyclopentadiene	9.010	237	689973	53.830	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	1241715	50.882	ng	99

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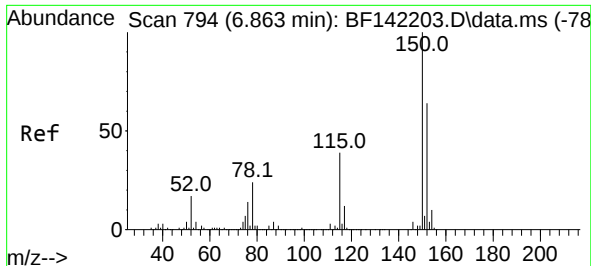
Quant Time: Apr 22 02:03:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	1323919	50.613	ng	100
46) 1,1'-Biphenyl	9.322	154	4230784	46.184	ng	98
47) 2-Chloronaphthalene	9.351	162	3340875	46.985	ng	99
48) 2-Nitroaniline	9.445	65	847744	50.862	ng	99
49) Acenaphthylene	9.763	152	4707382	46.837	ng	98
50) Dimethylphthalate	9.627	163	3889305	47.483	ng	100
51) 2,6-Dinitrotoluene	9.686	165	913705	49.686	ng	99
52) Acenaphthene	9.939	154	3455698	47.714	ng	99
53) 3-Nitroaniline	9.857	138	881139	50.007	ng	97
54) 2,4-Dinitrophenol	9.963	184	490011	54.404	ng	97
55) Dibenzofuran	10.110	168	4646035	45.758	ng	97
56) 4-Nitrophenol	10.010	139	688860	53.444	ng	97
57) 2,4-Dinitrotoluene	10.092	165	1198406	50.455	ng	99
58) Fluorene	10.451	166	3690555	46.987	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	1205116	51.532	ng	98
60) Diethylphthalate	10.322	149	3688889	48.230	ng	99
61) 4-Chlorophenyl-phenylether	10.439	204	2041912	47.214	ng	98
62) 4-Nitroaniline	10.469	138	867626	51.804	ng	99
63) Azobenzene	10.604	77	3199494	48.040	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	671047	52.731	ng	98
66) n-Nitrosodiphenylamine	10.563	169	3198716	47.872	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	1399305	48.805	ng	100
68) Hexachlorobenzene	10.998	284	1656836	48.559	ng	100
69) Atrazine	11.086	200	884832	54.265	ng	100
70) Pentachlorophenol	11.192	266	968375	55.635	ng	99
71) Phenanthrene	11.416	178	4994835	46.136	ng	97
72) Anthracene	11.469	178	5045026	46.605	ng	97
73) Carbazole	11.621	167	4477008	47.340	ng	97
74) Di-n-butylphthalate	11.945	149	4801543	49.054	ng	98
75) Fluoranthene	12.604	202	5203428	46.238	ng	97
77) Benzidine	12.727	184	1034866	58.223	ng	98
78) Pyrene	12.833	202	5168816	47.251	ng	97
80) Butylbenzylphthalate	13.445	149	1491142	56.317	ng	100
81) Benzo(a)anthracene	14.021	228	4127639	49.479	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	1329717	53.527	ng	100
83) Chrysene	14.057	228	3852046	47.925	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	1946586	54.955	ng	99
85) Di-n-octyl phthalate	14.615	149	3347714	53.361	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	5244836	50.364	ng	99
88) Benzo(b)fluoranthene	15.074	252	4224463	50.731	ng	99
89) Benzo(k)fluoranthene	15.104	252	3934065	47.768	ng	99
90) Benzo(a)pyrene	15.439	252	3717391	49.882	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	4295766	50.568	ng	100
92) Benzo(g,h,i)perylene	17.445	276	4457551	50.379	ng	100

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

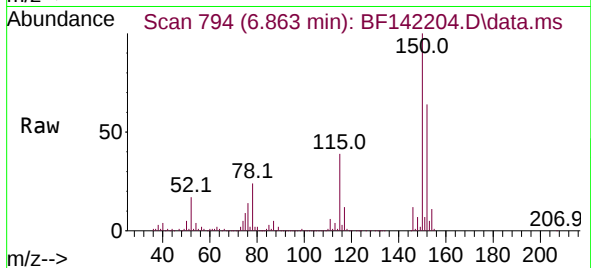
Quant Time: Apr 22 02:03:12 2025
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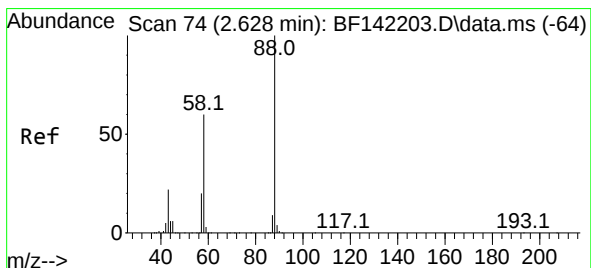
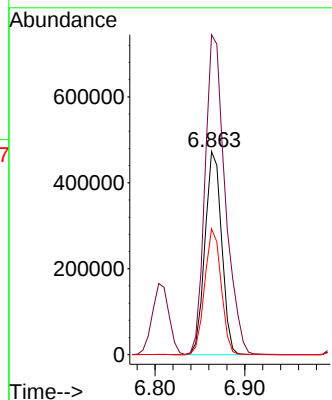
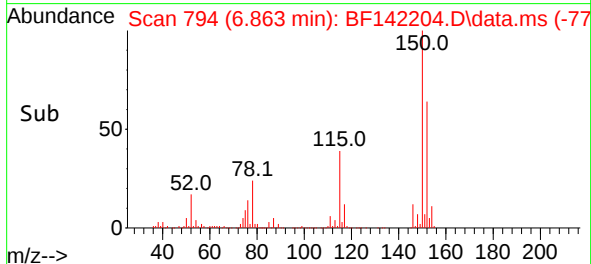


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.000 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

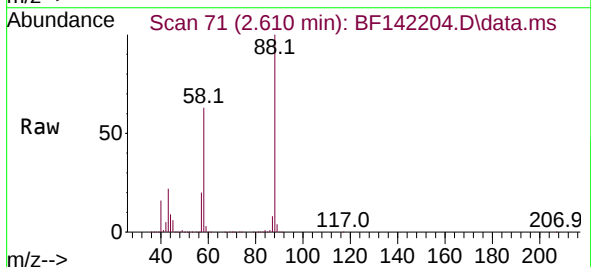
Instrument :
 BNA_F
 ClientSampleId :



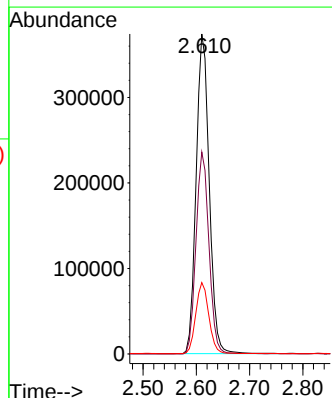
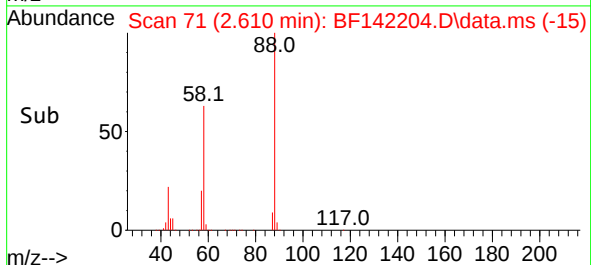
Tgt Ion:152 Resp: 609907
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.4 189.6
 115 62.0 49.4 74.2

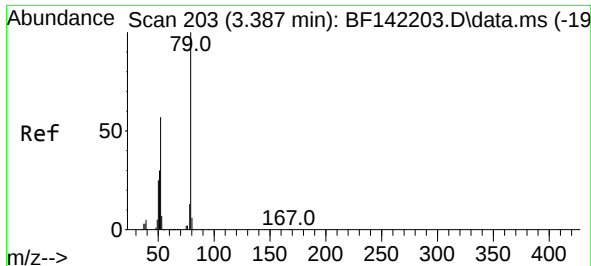


#2
 1,4-Dioxane
 Concen: 48.212 ng
 RT: 2.610 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33



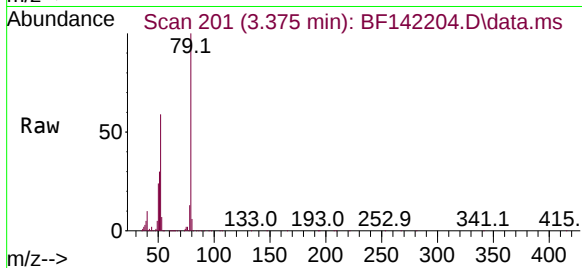
Tgt Ion: 88 Resp: 636632
 Ion Ratio Lower Upper
 88 100
 58 62.7 47.8 71.6
 43 22.1 17.8 26.8



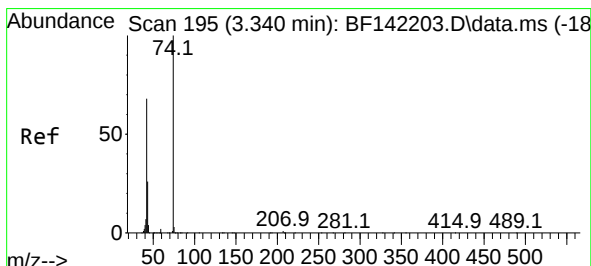
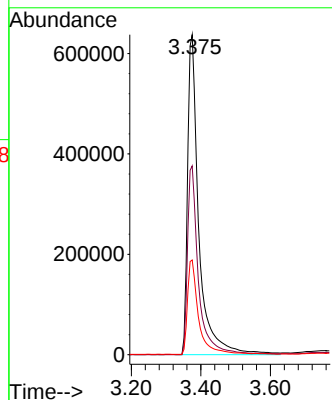
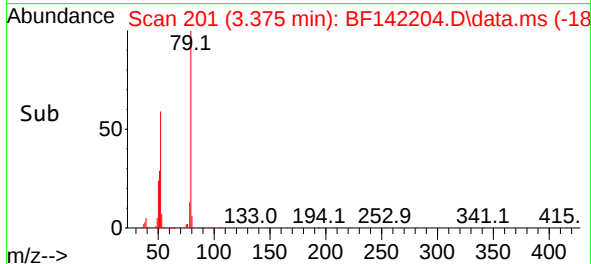


#3
Pyridine
Concen: 50.122 ng
RT: 3.375 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

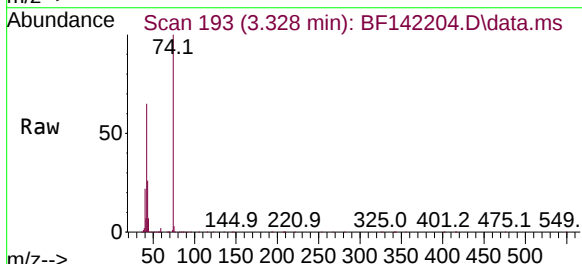
Instrument :
BNA_F
ClientSampleId :



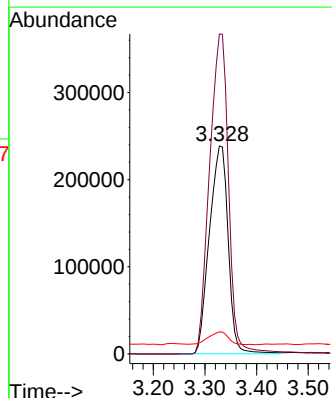
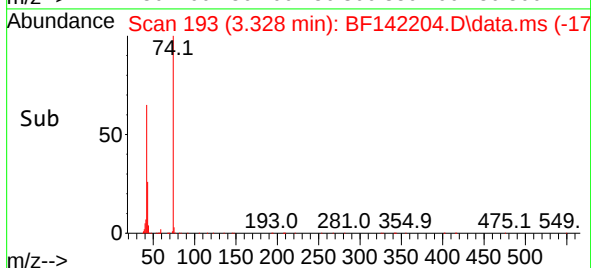
Tgt Ion: 79 Resp: 1436565
Ion Ratio Lower Upper
79 100
52 59.0 45.8 68.8
51 29.6 23.8 35.6

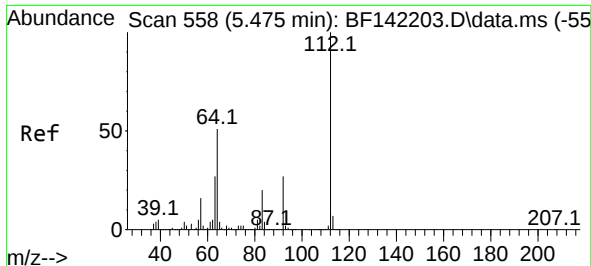


#4
n-Nitrosodimethylamine
Concen: 51.689 ng
RT: 3.328 min Scan# 193
Delta R.T. -0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion: 42 Resp: 601536
Ion Ratio Lower Upper
42 100
74 153.8 117.4 176.0
44 10.7 9.5 14.3

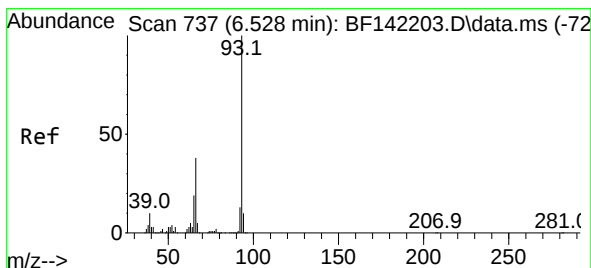
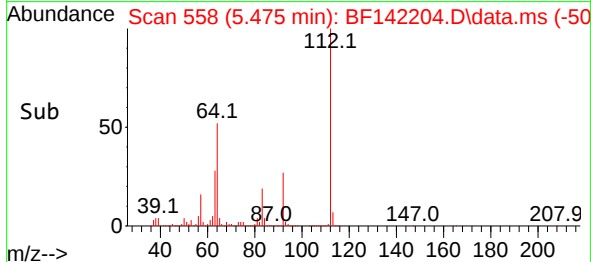
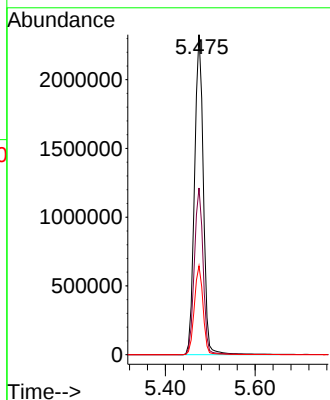
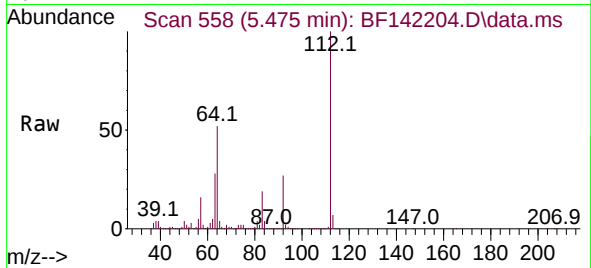




#5
2-Fluorophenol
Concen: 97.823 ng
RT: 5.475 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

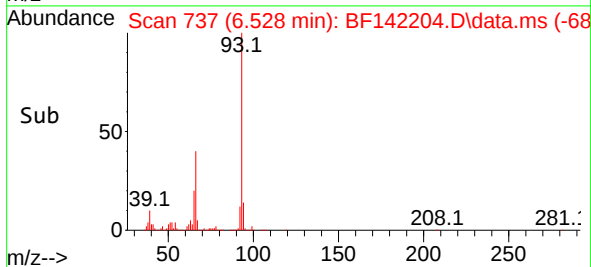
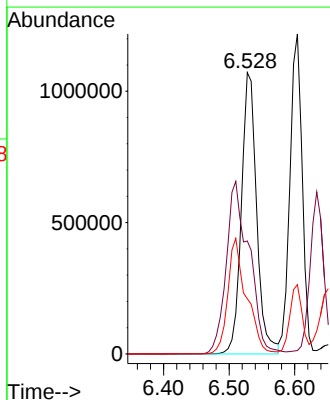
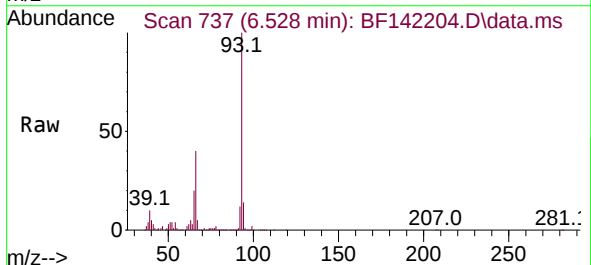
Instrument :
BNA_F
ClientSampleId :

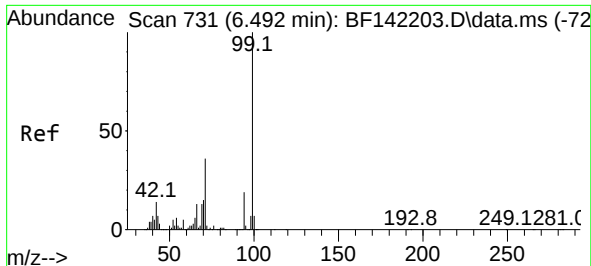
Tgt Ion:112 Resp: 3182296
Ion Ratio Lower Upper
112 100
64 52.1 40.9 61.3
63 27.7 22.0 33.0



#6
Aniline
Concen: 46.274 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 93 Resp: 1740733
Ion Ratio Lower Upper
93 100
66 40.2 30.9 46.3
65 19.6 15.1 22.7





#7

Phenol-d6

Concen: 96.775 ng

RT: 6.492 min Scan# 731

Delta R.T. 0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

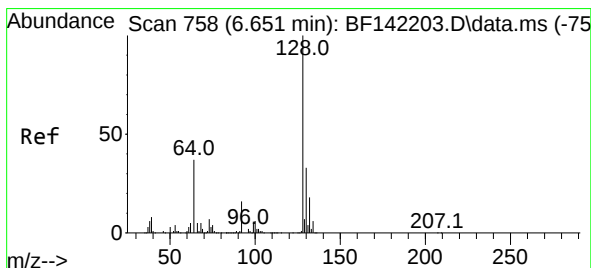
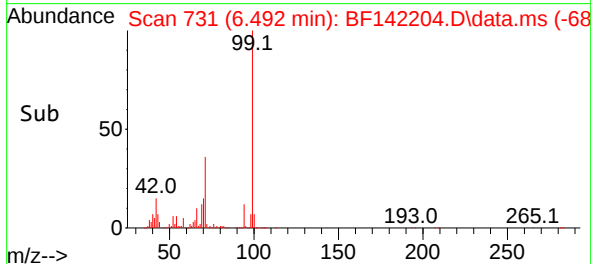
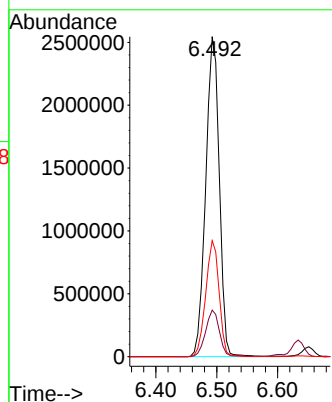
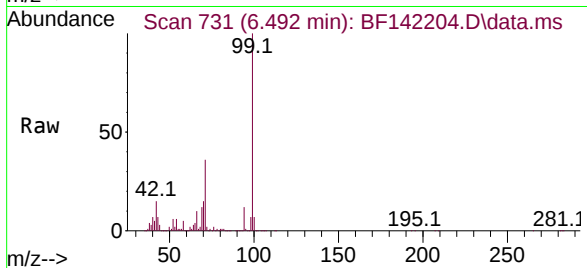
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 3942648

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.5	17.3
71	36.2	28.6	42.8



#8

2-Chlorophenol

Concen: 48.957 ng

RT: 6.651 min Scan# 758

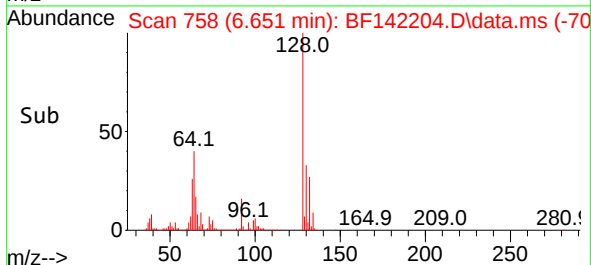
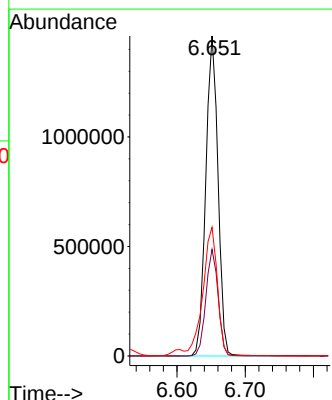
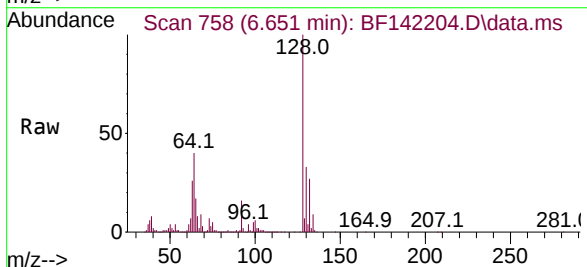
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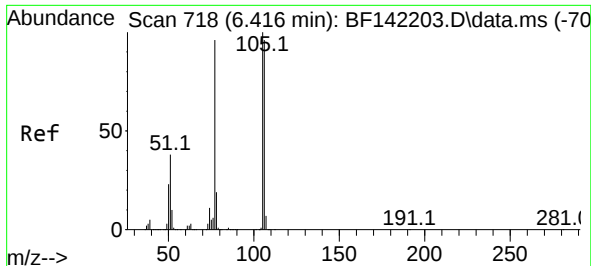
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:128 Resp: 1823018

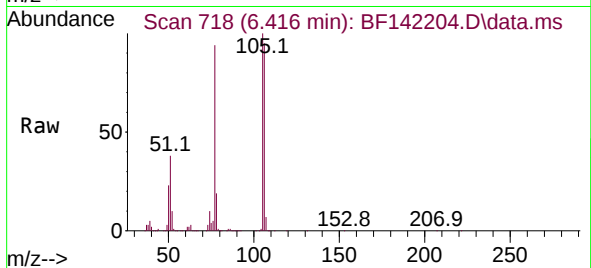
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	40.2	18.8	58.8





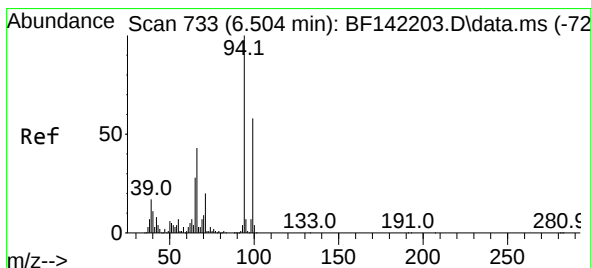
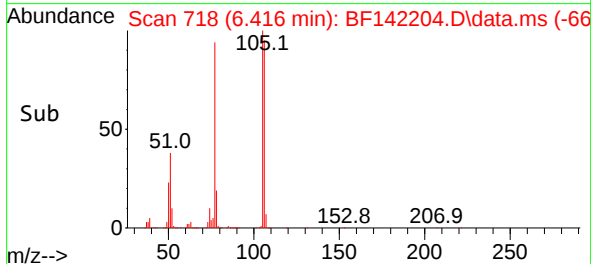
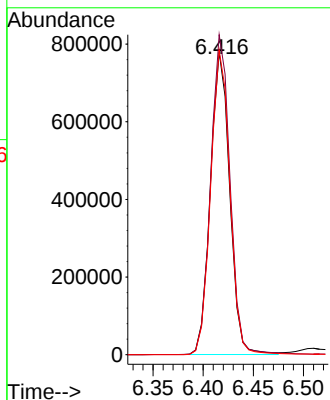
#9
Benzaldehyde
Concen: 46.633 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 77 Resp: 1043083

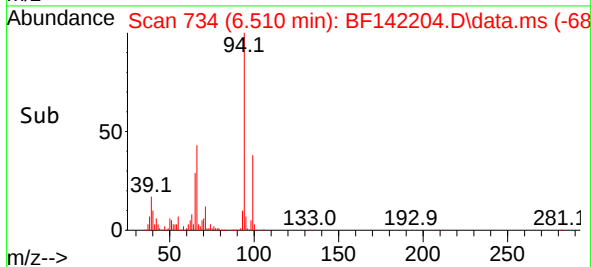
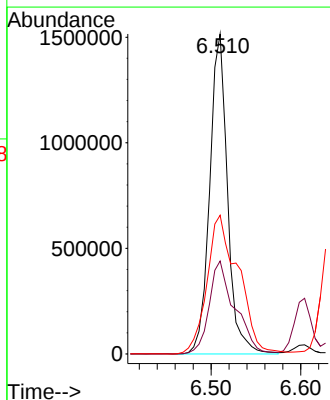
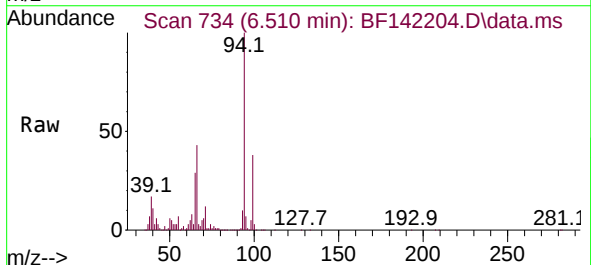
Ion	Ratio	Lower	Upper
77	100		
105	105.8	84.4	124.4
106	100.7	80.3	120.3

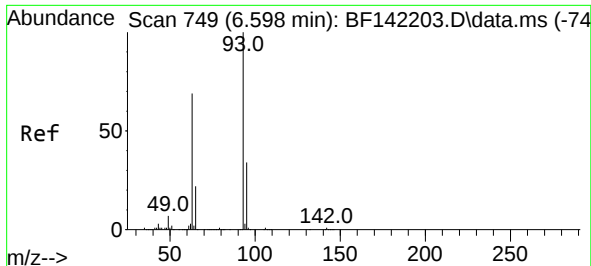


#10
Phenol
Concen: 48.700 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion: 94 Resp: 2092683

Ion	Ratio	Lower	Upper
94	100		
65	29.0	8.1	48.1
66	43.4	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 49.092 ng

RT: 6.604 min Scan# 749

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

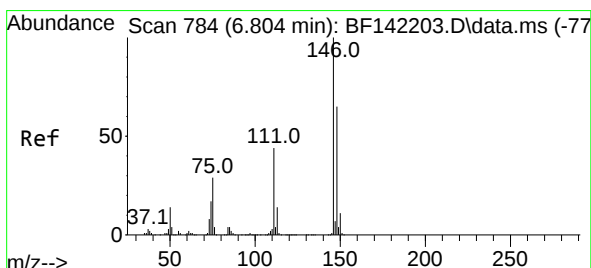
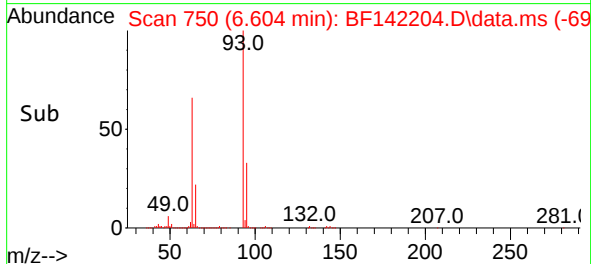
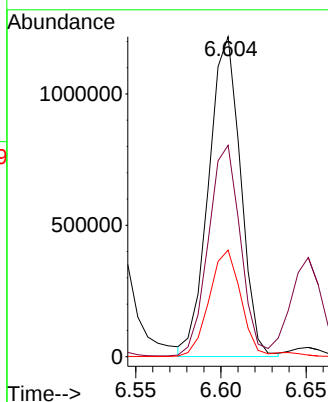
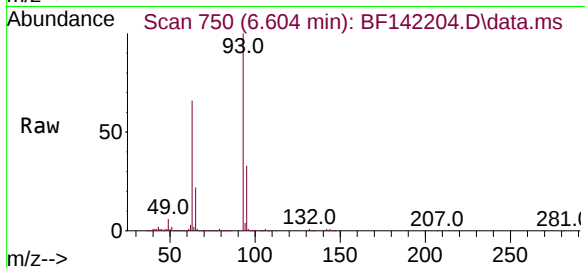
Tgt Ion: 93 Resp: 1590849

Ion Ratio Lower Upper

93 100

63 66.1 47.9 87.9

95 33.3 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 48.288 ng

RT: 6.804 min Scan# 784

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

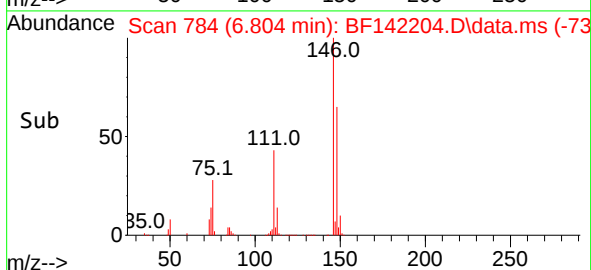
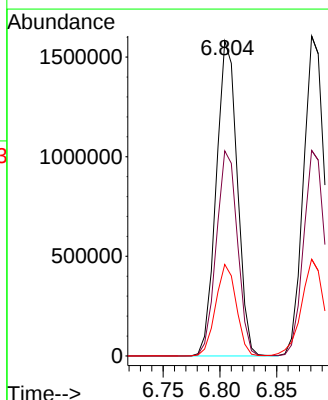
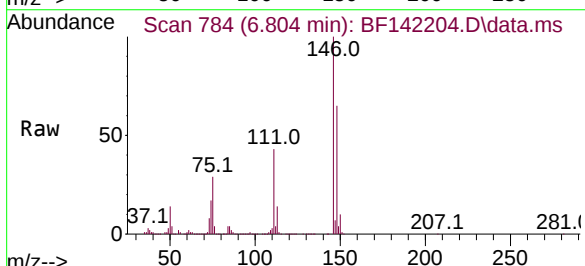
Tgt Ion:146 Resp: 2037607

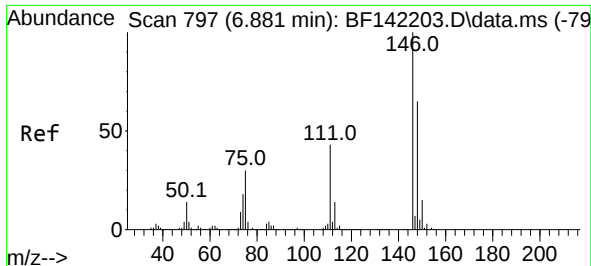
Ion Ratio Lower Upper

146 100

148 65.2 51.7 77.5

75 29.1 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 47.782 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

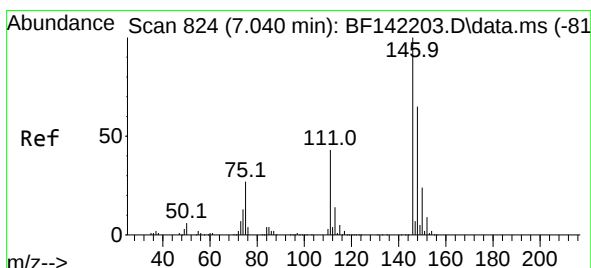
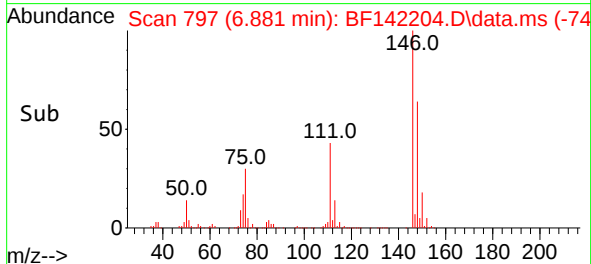
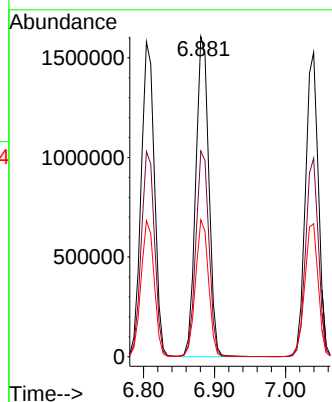
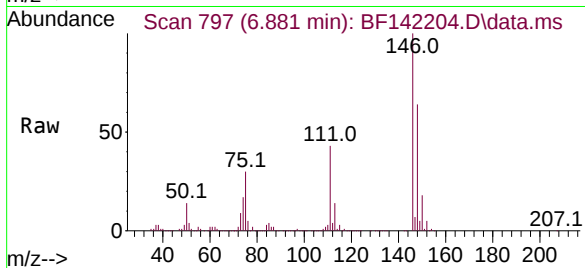
Tgt Ion:146 Resp: 2067930

Ion Ratio Lower Upper

146 100

148 64.3 52.4 78.6

111 42.7 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 47.633 ng

RT: 7.039 min Scan# 824

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

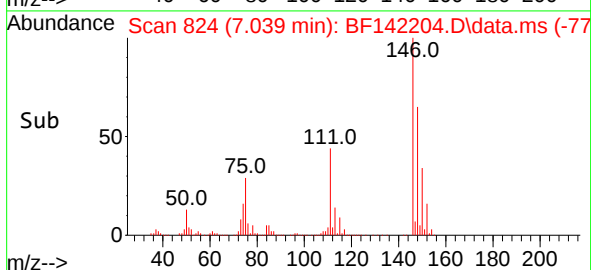
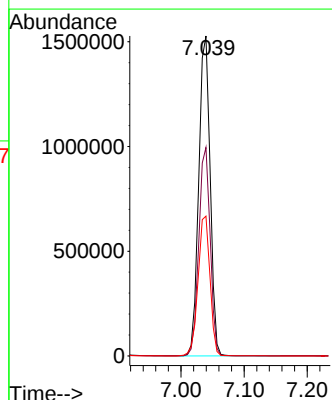
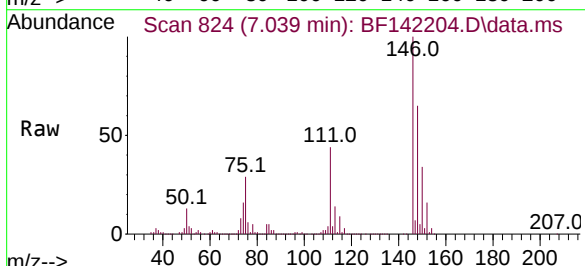
Tgt Ion:146 Resp: 1917794

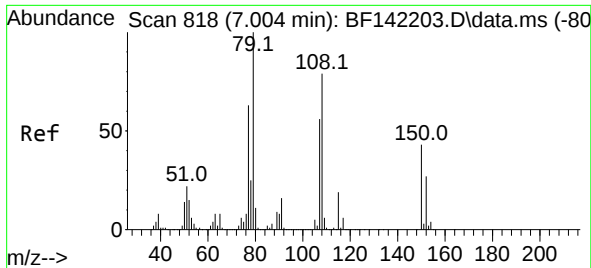
Ion Ratio Lower Upper

146 100

148 65.2 52.2 78.4

111 43.7 34.2 51.4

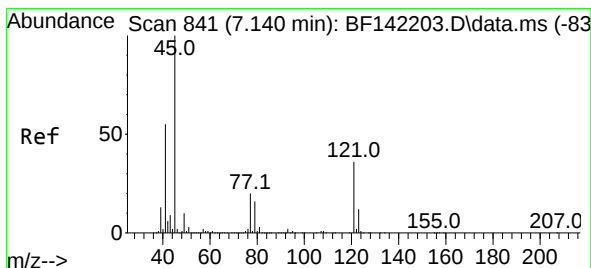
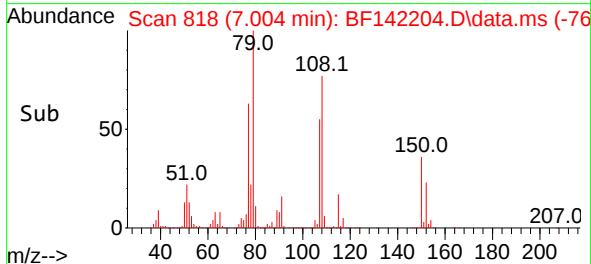
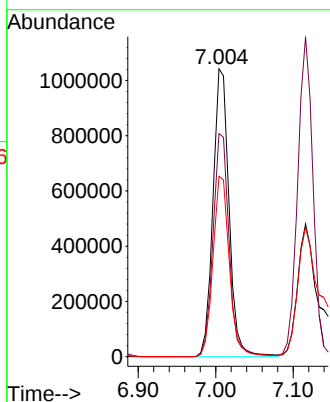
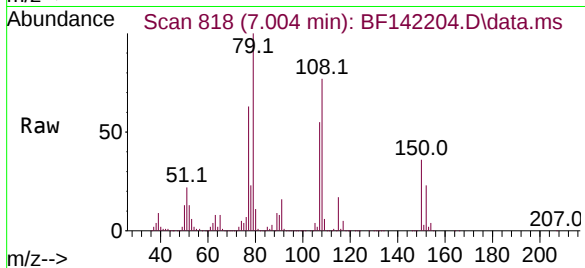




#15
Benzyl Alcohol
Concen: 50.395 ng
RT: 7.004 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

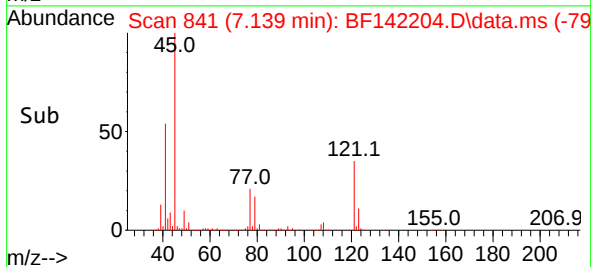
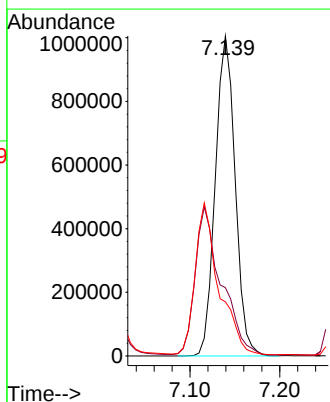
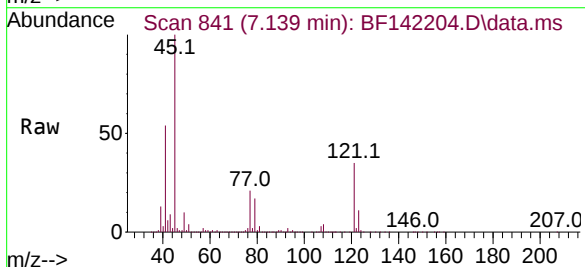
Instrument :
BNA_F
ClientSampleId :

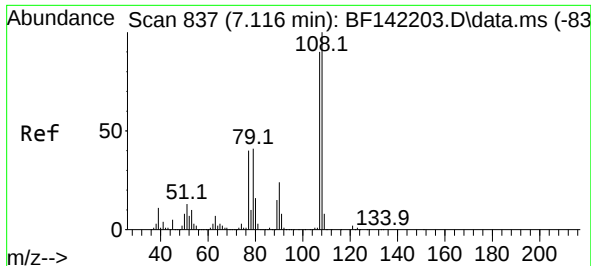
Tgt Ion: 79 Resp: 1496999
Ion Ratio Lower Upper
79 100
108 77.5 63.1 94.7
77 62.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.099 ng
RT: 7.139 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

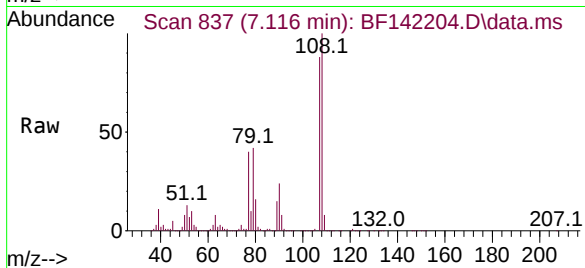
Tgt Ion: 45 Resp: 1542179
Ion Ratio Lower Upper
45 100
77 21.3 1.4 41.4
79 16.9 0.0 36.7





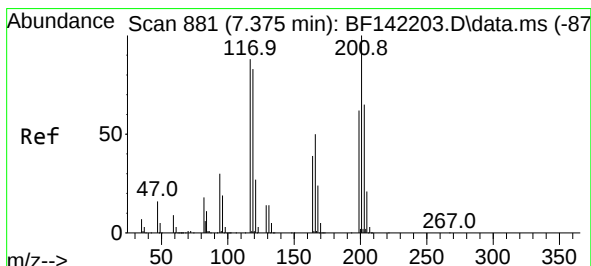
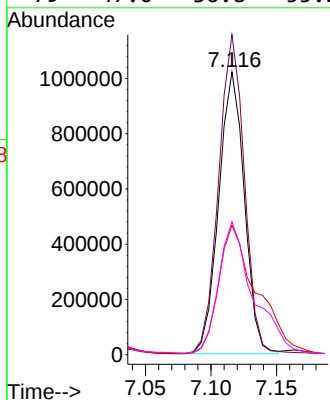
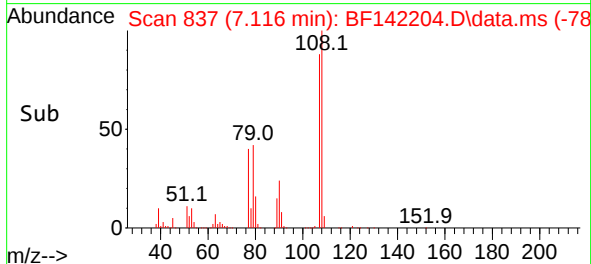
#17
2-Methylphenol
Concen: 49.358 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :

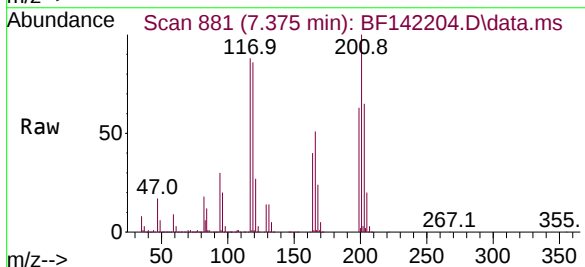


Tgt Ion:107 Resp: 1383290

Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	45.7	36.3	54.5
79	47.0	36.8	55.2

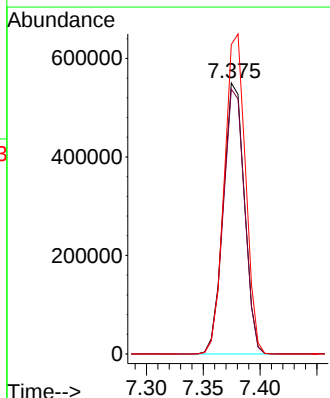
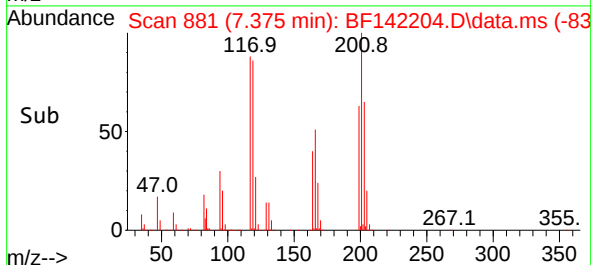


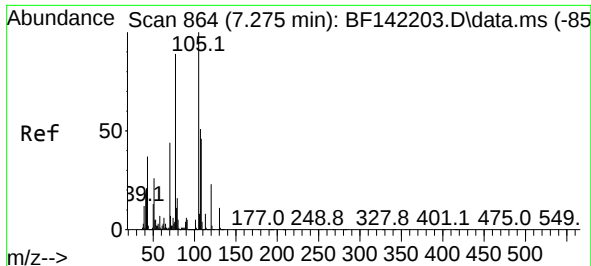
#18
Hexachloroethane
Concen: 48.461 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:117 Resp: 712490

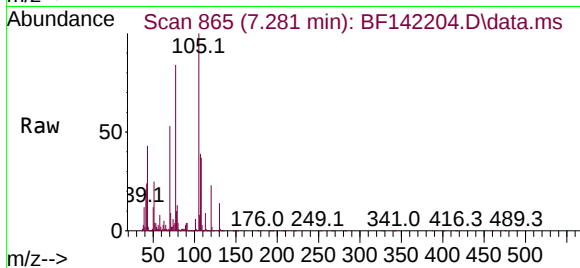
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.8
201	114.2	91.4	137.0



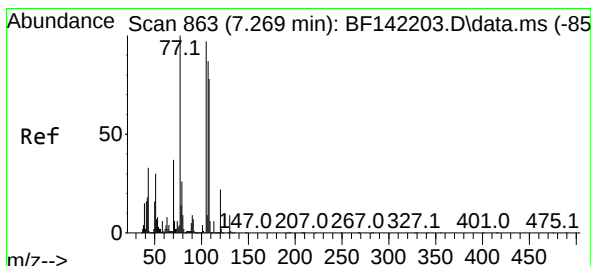
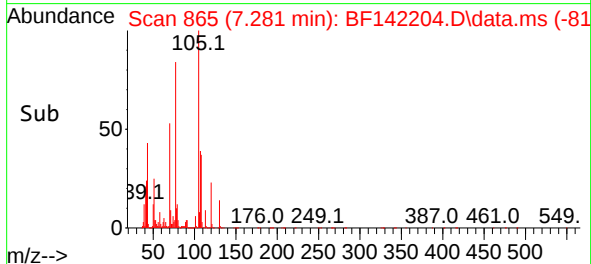
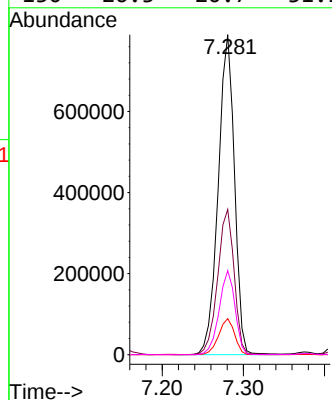


#19
n-Nitroso-di-n-propylamine
Concen: 47.752 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :

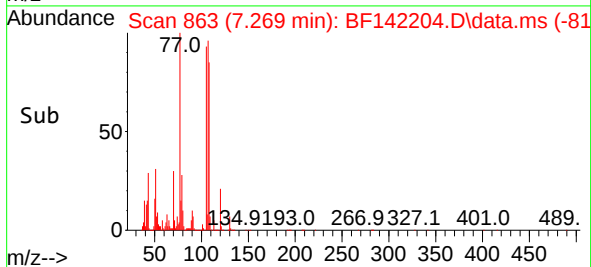
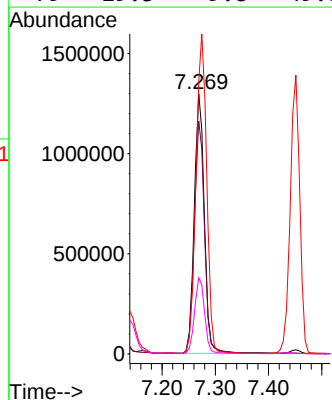
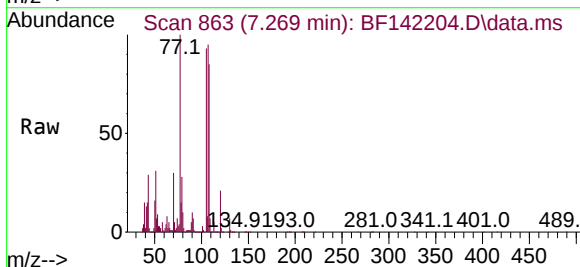


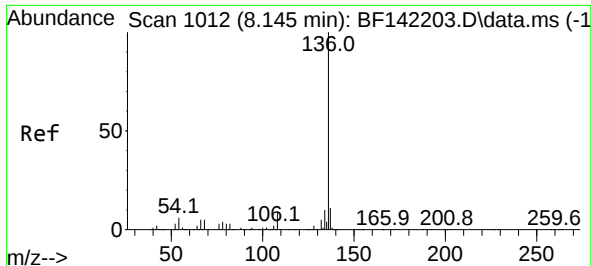
Tgt Ion: 70 Resp: 1100118
Ion Ratio Lower Upper
70 100
42 45.4 37.4 56.0
101 11.3 8.6 13.0
130 26.3 20.7 31.1



#20
3+4-Methylphenols
Concen: 48.995 ng
RT: 7.269 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

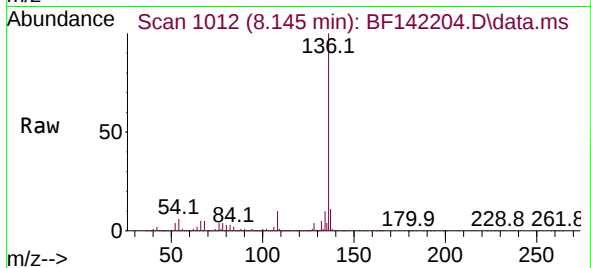
Tgt Ion:107 Resp: 1707743
Ion Ratio Lower Upper
107 100
108 89.4 69.8 109.8
77 104.7 94.5 134.5
79 29.3 9.8 49.8





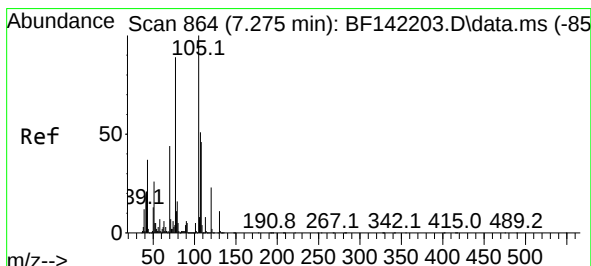
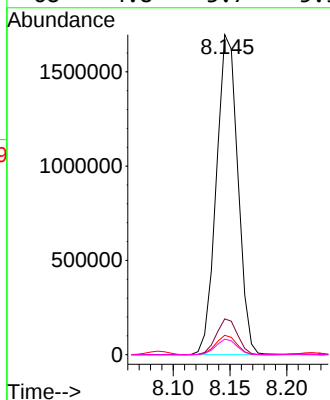
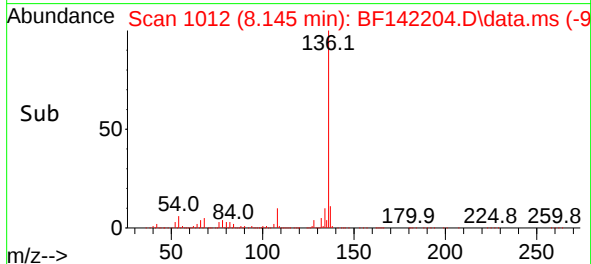
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 2232349

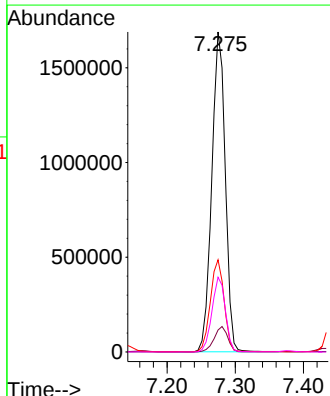
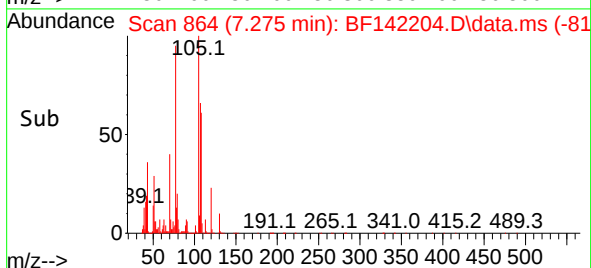
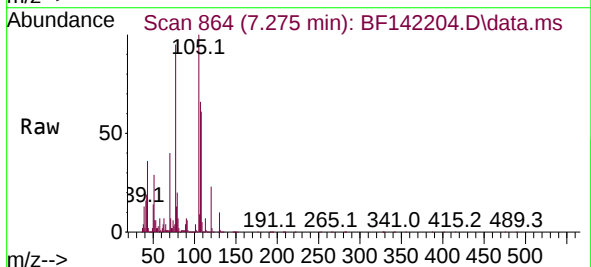
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.1	4.7	7.1
68	4.8	3.7	5.5

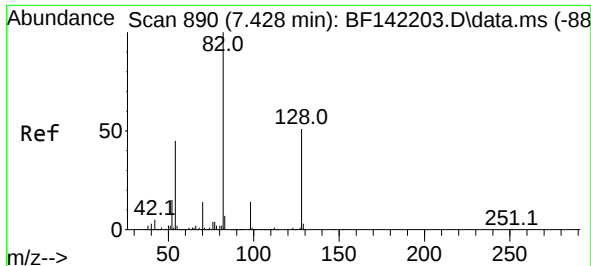


#22
Acetophenone
Concen: 47.482 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:105 Resp: 2326644

Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.8	8.8
51	28.8	20.9	31.3
120	23.3	18.6	27.8





#23

Nitrobenzene-d5

Concen: 96.851 ng

RT: 7.434 min Scan# 890

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

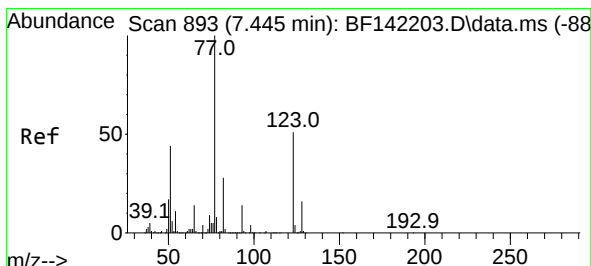
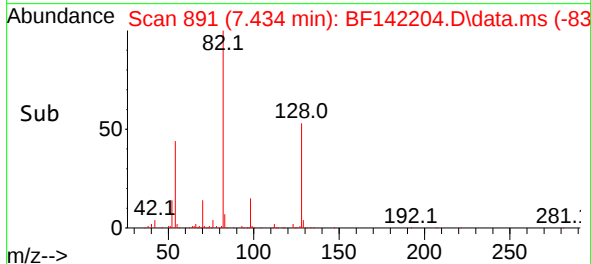
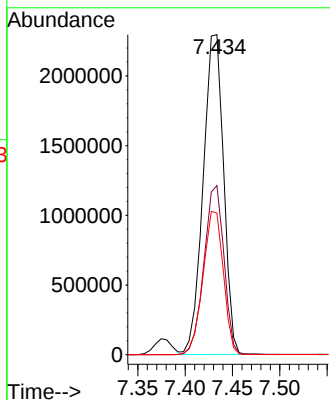
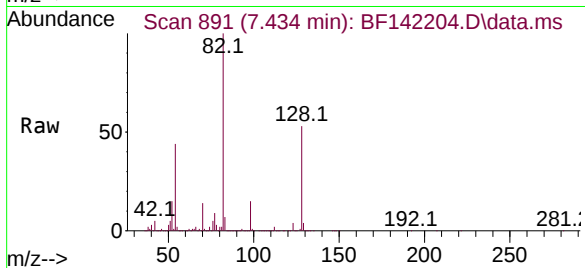
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 3442608

Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.2	60.2
54	44.2	35.5	53.3



#24

Nitrobenzene

Concen: 49.197 ng

RT: 7.451 min Scan# 894

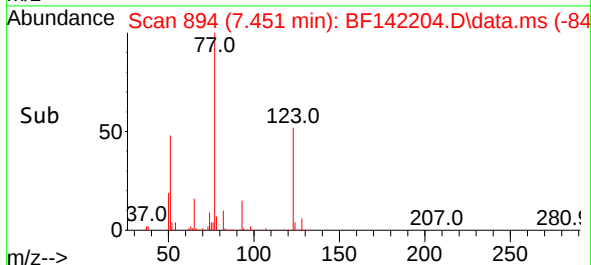
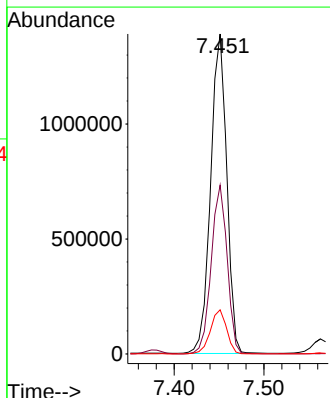
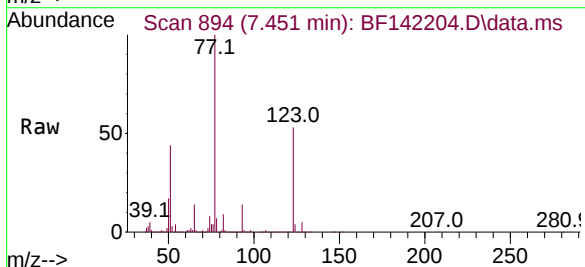
Delta R.T. 0.006 min

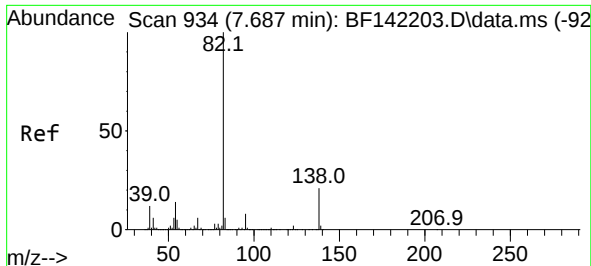
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion: 77 Resp: 1732454

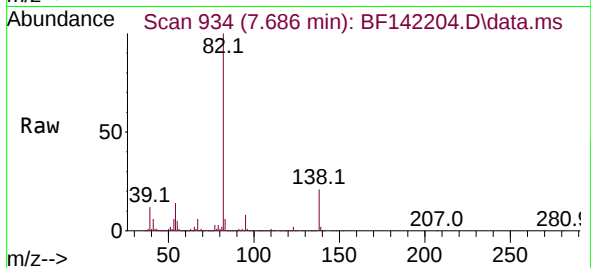
Ion	Ratio	Lower	Upper
77	100		
123	52.8	40.7	61.1
65	13.8	10.9	16.3



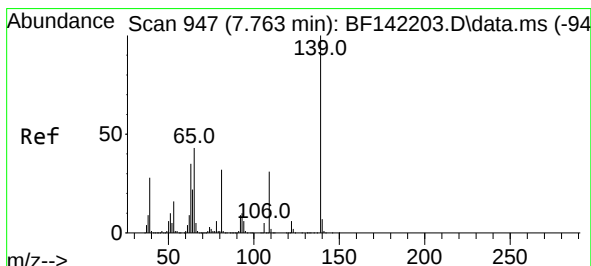
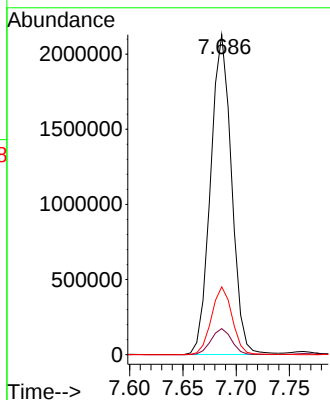
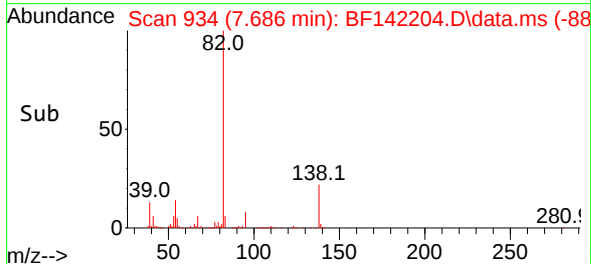


#25
Isophorone
Concen: 48.845 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :

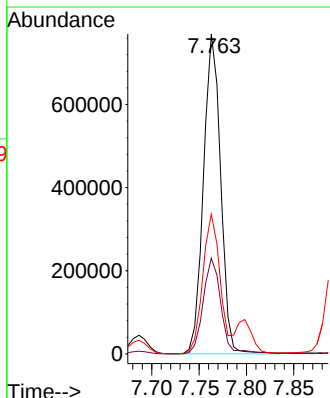
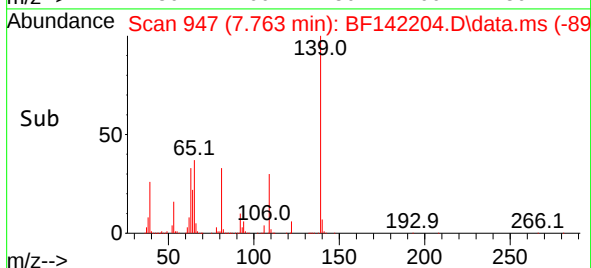
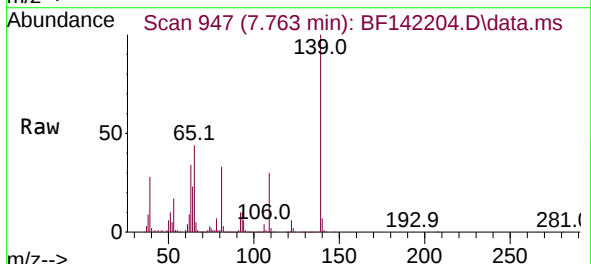


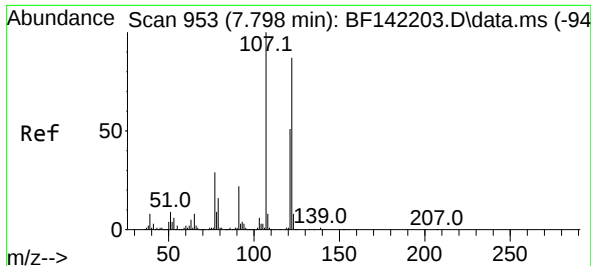
Tgt Ion: 82 Resp: 2914438
Ion Ratio Lower Upper
82 100
95 8.2 6.5 9.7
138 21.2 16.9 25.3



#26
2-Nitrophenol
Concen: 52.520 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:139 Resp: 972175
Ion Ratio Lower Upper
139 100
109 30.0 24.4 36.6
65 43.7 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 51.024 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.000 min

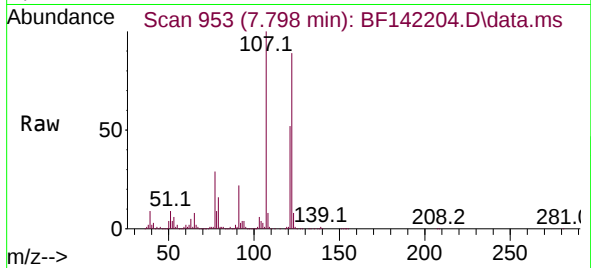
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :



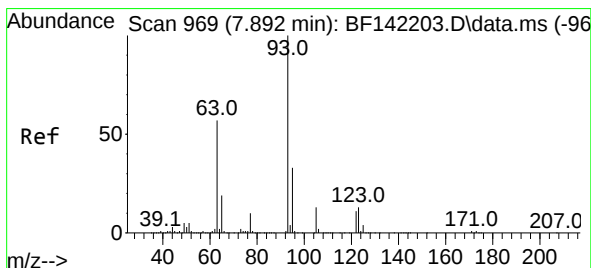
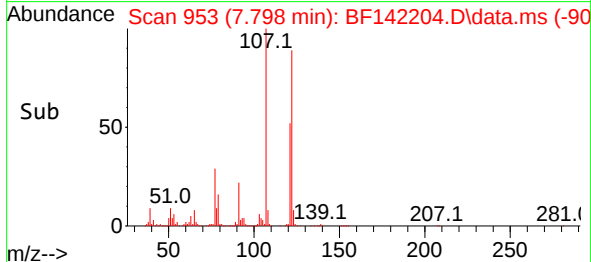
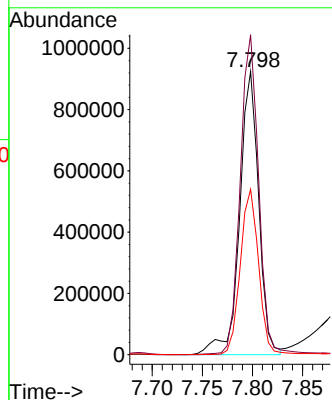
Tgt Ion:122 Resp: 1228070

Ion Ratio Lower Upper

122 100

107 113.0 91.6 137.4

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.040 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

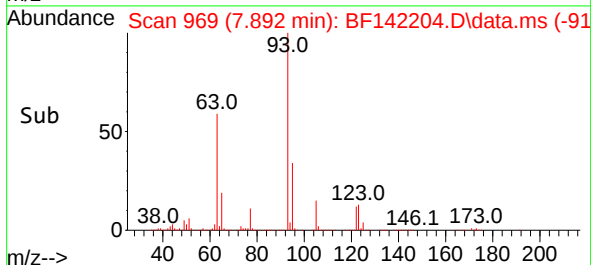
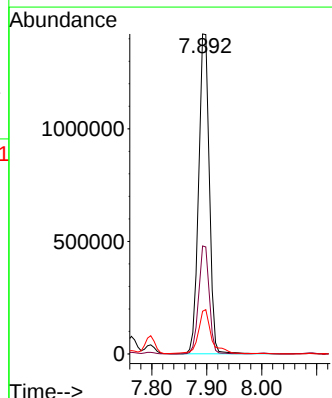
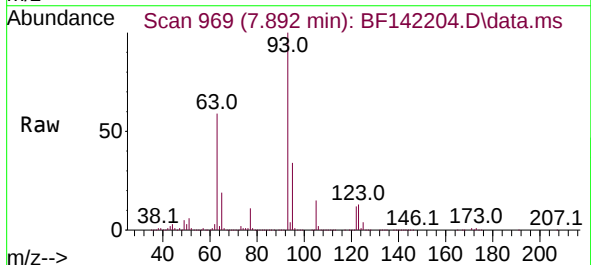
Tgt Ion: 93 Resp: 1920423

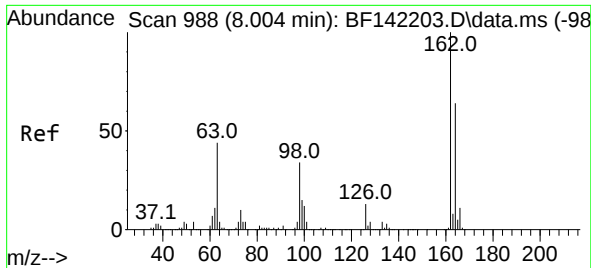
Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

123 13.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 50.469 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.000 min

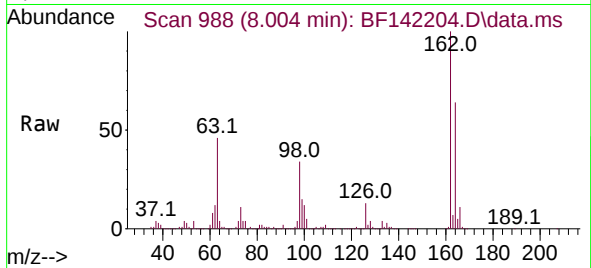
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :



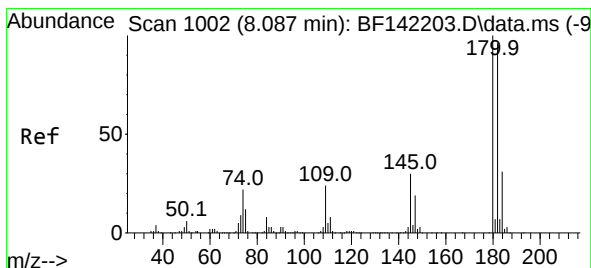
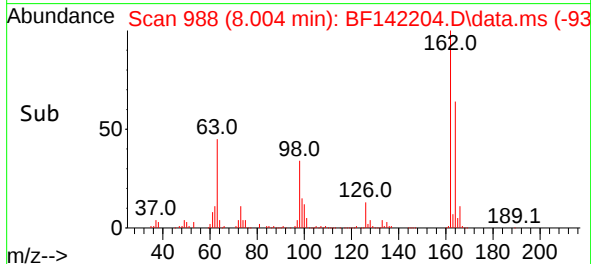
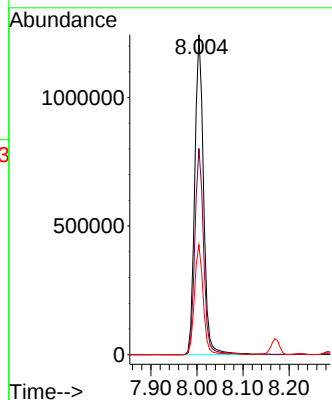
Tgt Ion:162 Resp: 1652054

Ion Ratio Lower Upper

162 100

164 64.5 44.2 84.2

98 34.3 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 48.605 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

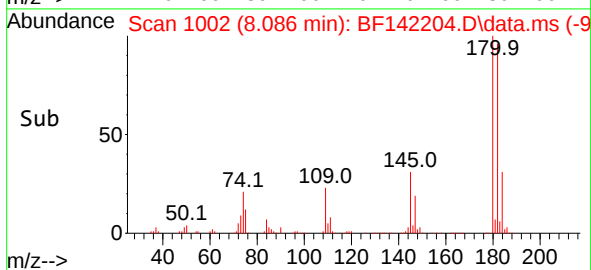
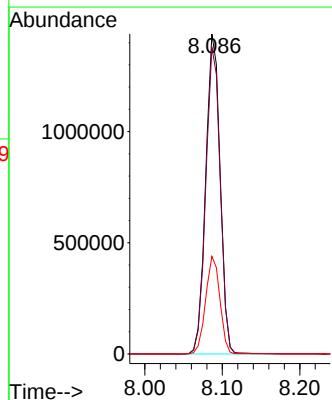
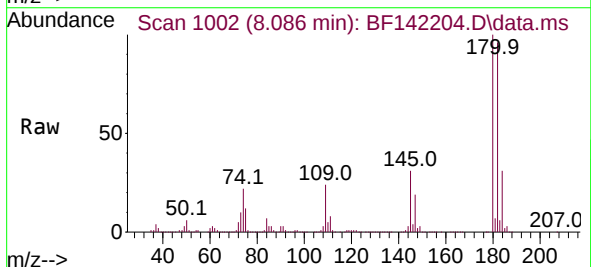
Tgt Ion:180 Resp: 1860606

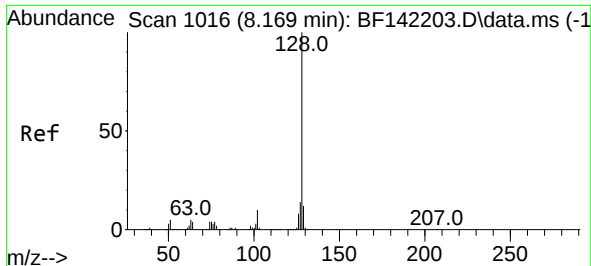
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

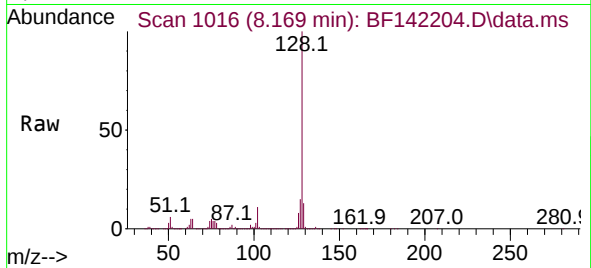
145 30.5 24.3 36.5



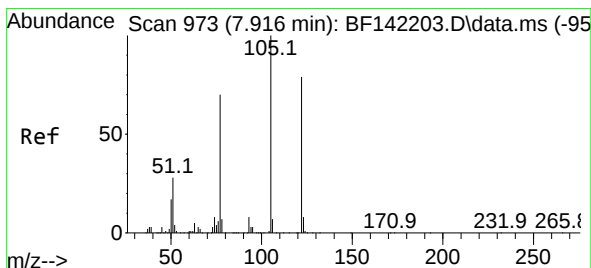
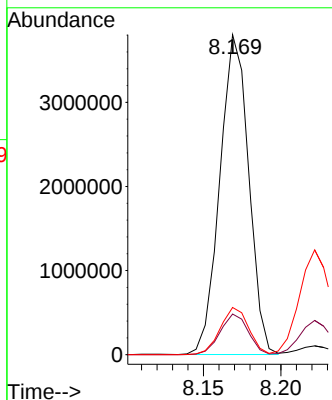
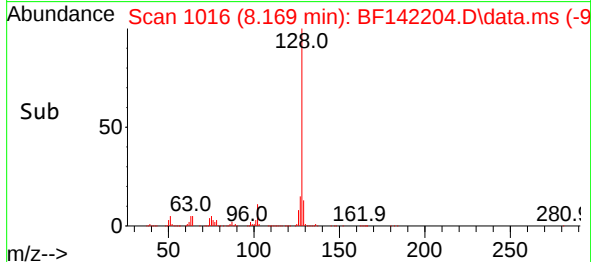


#31
Naphthalene
Concen: 46.673 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

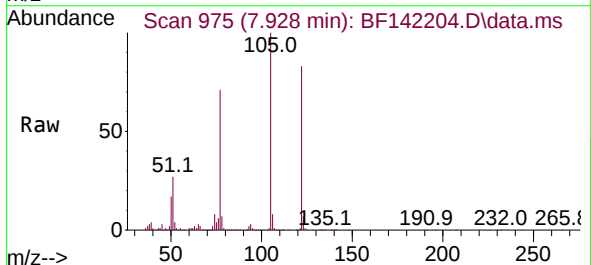
Instrument :
BNA_F
ClientSampleId :



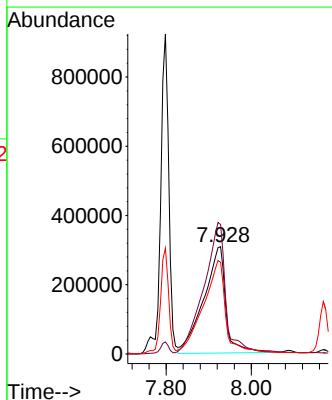
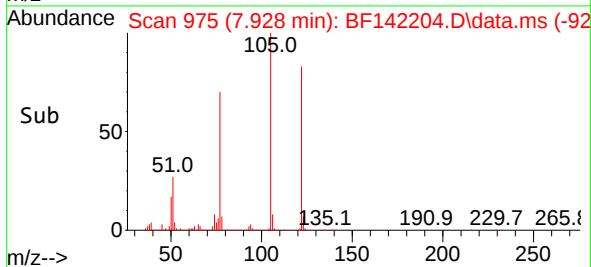
Tgt Ion:128 Resp: 4921869
Ion Ratio Lower Upper
128 100
129 12.7 9.6 14.4
127 14.8 11.4 17.0

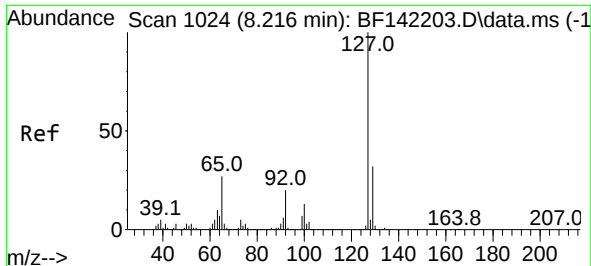


#32
Benzoic acid
Concen: 49.472 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:122 Resp: 1106070
Ion Ratio Lower Upper
122 100
105 120.7 101.5 141.5
77 85.6 66.6 106.6





#33

4-Chloroaniline

Concen: 48.498 ng

RT: 8.222 min Scan# 1025

Delta R.T. 0.006 min

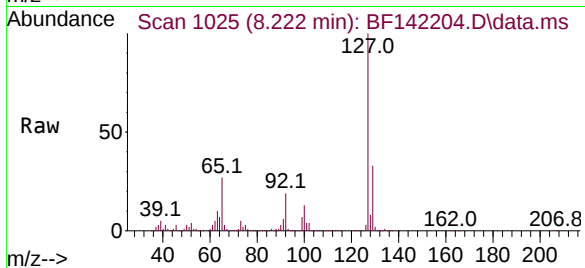
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 1851815

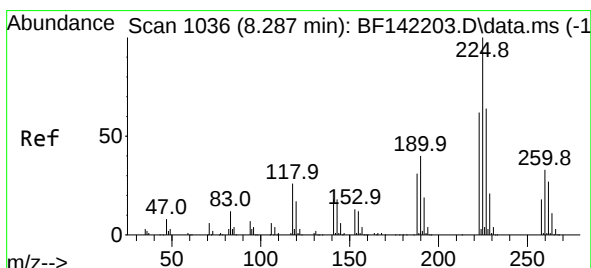
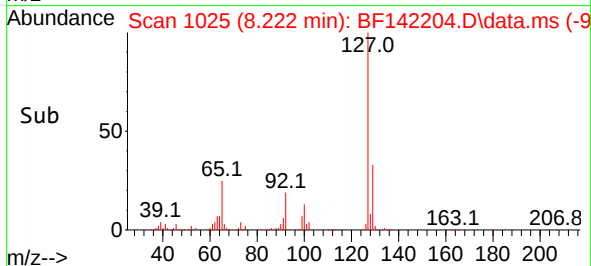
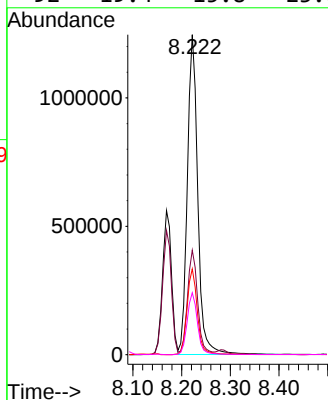
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 26.8 21.8 32.6

92 19.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 48.139 ng

RT: 8.286 min Scan# 1036

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

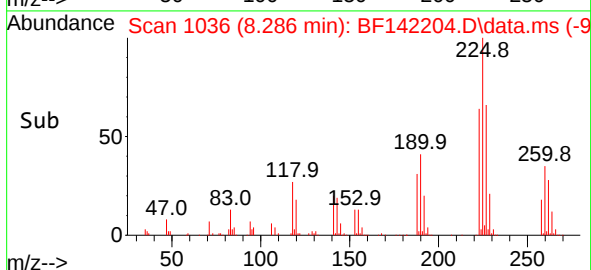
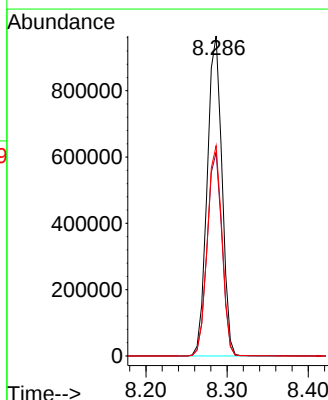
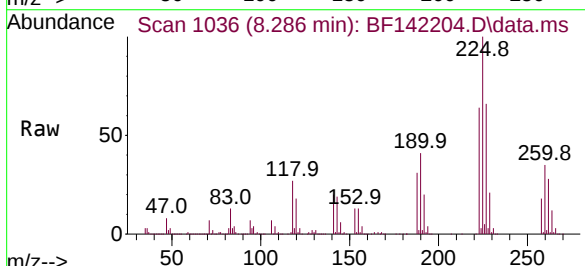
Tgt Ion:225 Resp: 1216090

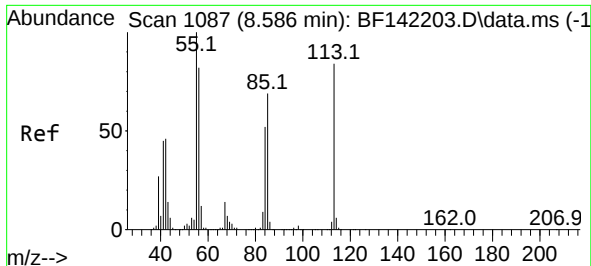
Ion Ratio Lower Upper

225 100

223 63.6 49.4 74.2

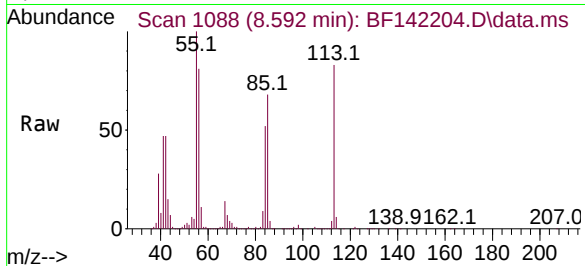
227 65.7 51.4 77.2



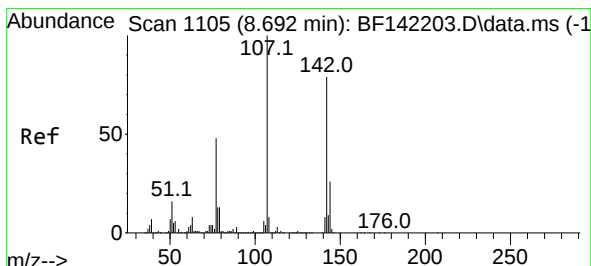
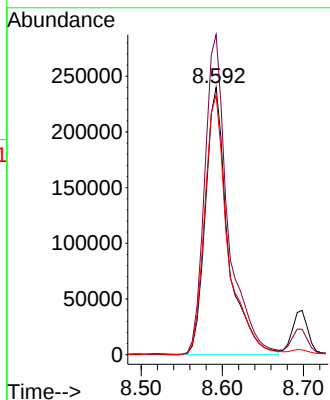
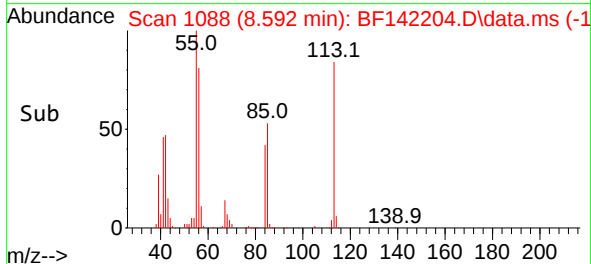


#35
 Caprolactam
 Concen: 52.958 ng
 RT: 8.592 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

Instrument :
 BNA_F
 ClientSampleId :

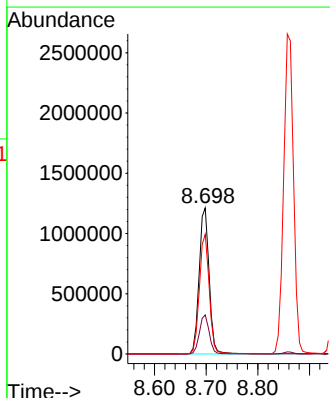
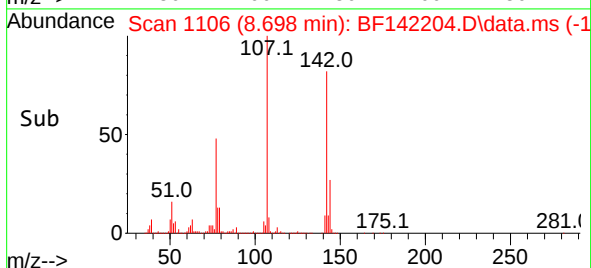
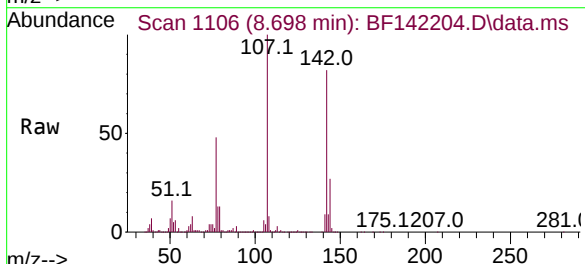


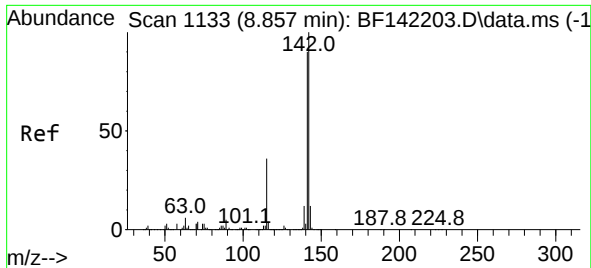
Tgt Ion:113 Resp: 462448
 Ion Ratio Lower Upper
 113 100
 55 119.8 99.5 139.5
 56 97.1 78.1 118.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.425 ng
 RT: 8.698 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

Tgt Ion:107 Resp: 1628612
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.6 30.8
 142 81.9 63.2 94.8

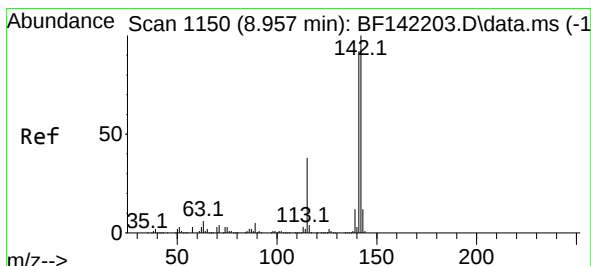
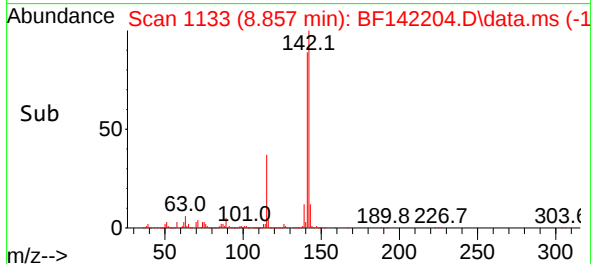
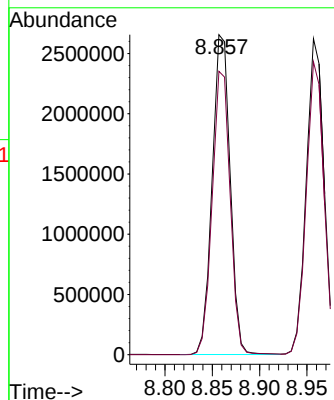
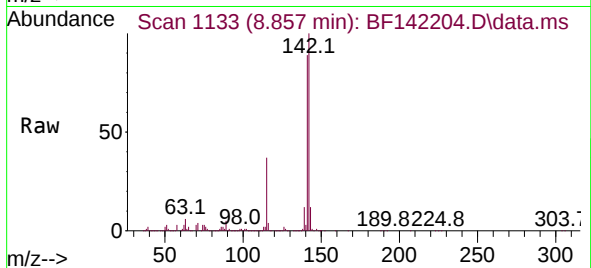




#37
2-Methylnaphthalene
Concen: 48.200 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

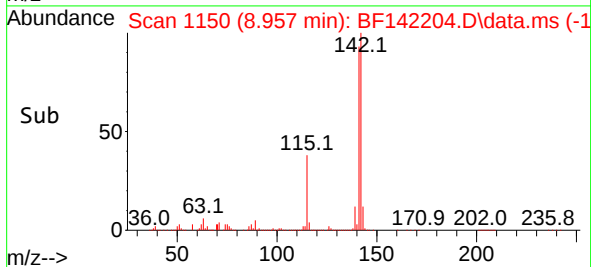
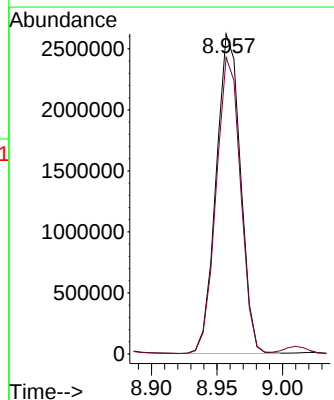
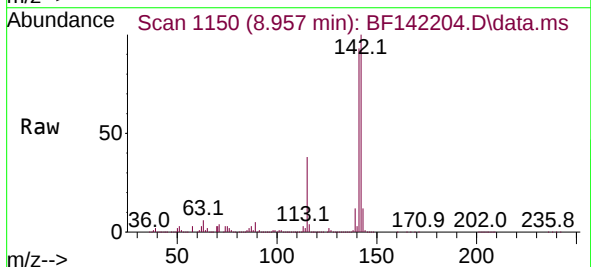
Instrument :
BNA_F
ClientSampleId :

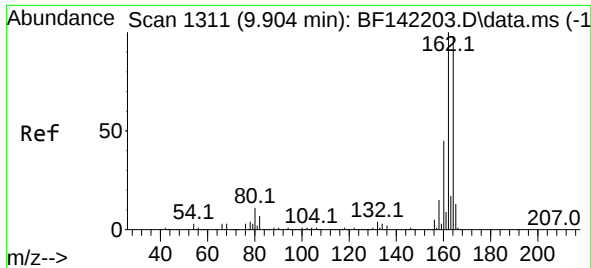
Tgt Ion:142 Resp: 3512806
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9



#38
1-Methylnaphthalene
Concen: 47.805 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

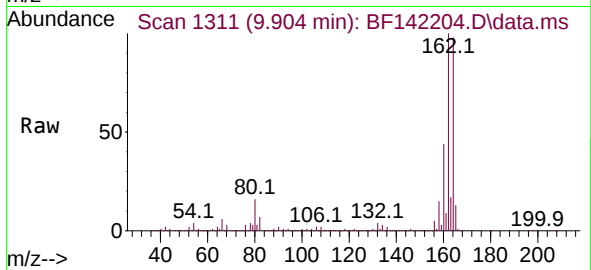
Tgt Ion:142 Resp: 3373357
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9



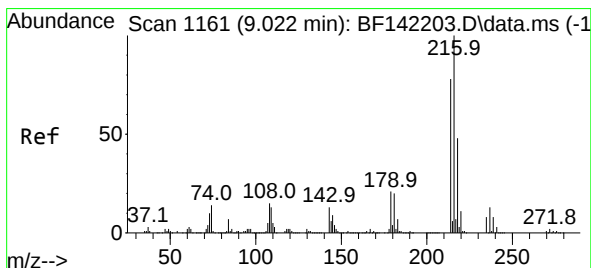
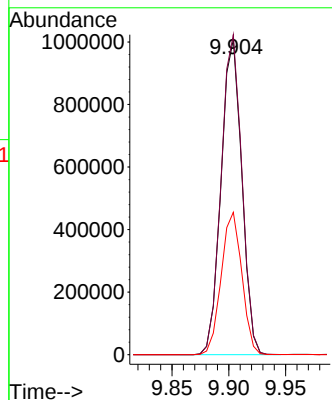
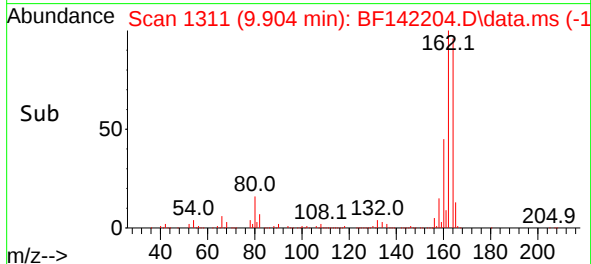


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

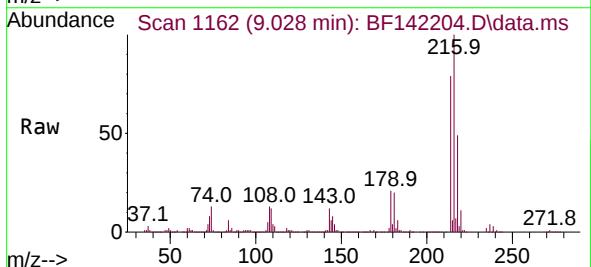
Instrument :
BNA_F
ClientSampleId :



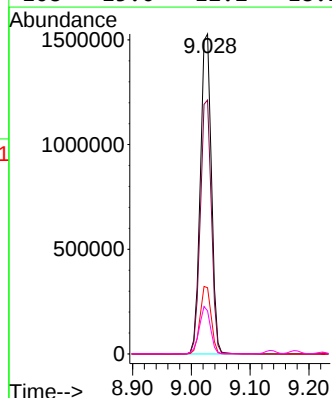
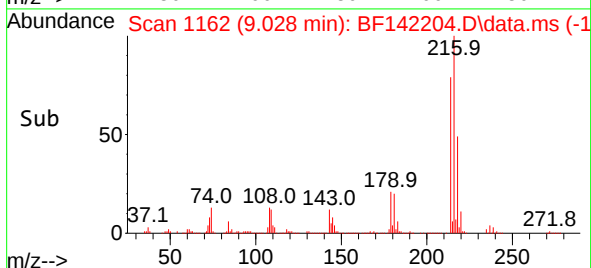
Tgt Ion:164 Resp: 1277505
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 45.2 36.8 55.2

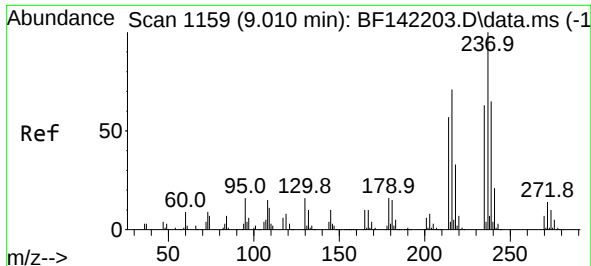


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.647 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:216 Resp: 1991650
Ion Ratio Lower Upper
216 100
214 79.6 62.7 94.1
179 21.1 16.7 25.1
108 15.0 12.2 18.2

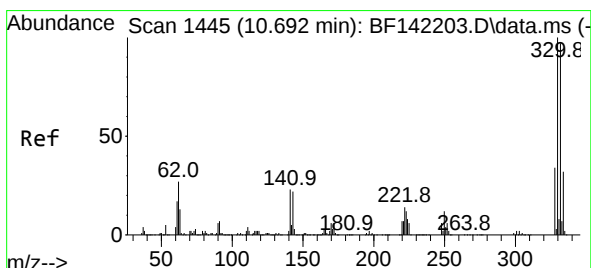
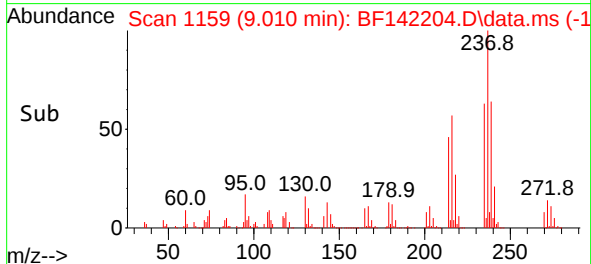
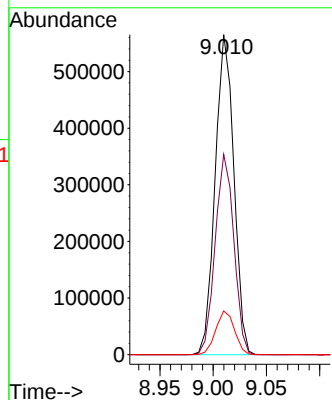
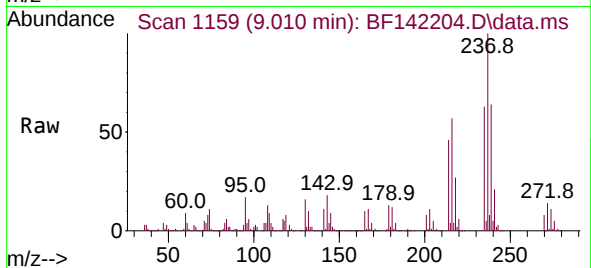




#41
Hexachlorocyclopentadiene
Concen: 53.830 ng
RT: 9.010 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

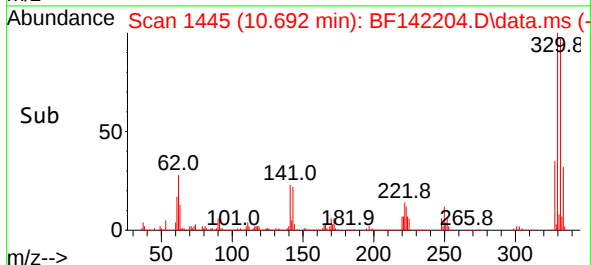
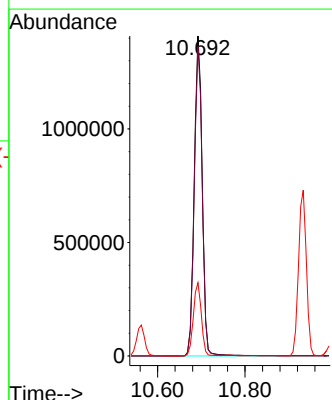
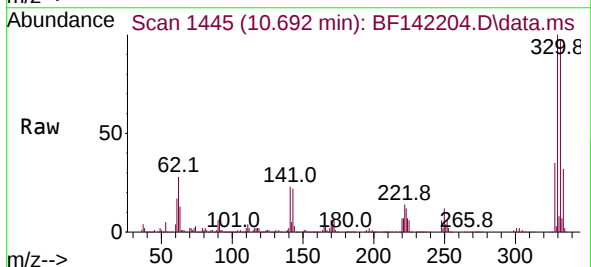
Instrument :
BNA_F
ClientSampleId :

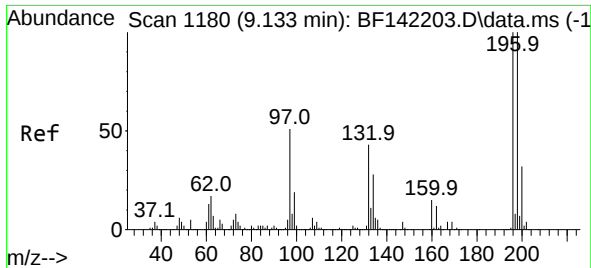
Tgt Ion:237 Resp: 689973
Ion Ratio Lower Upper
237 100
235 62.6 42.6 82.6
272 13.7 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 102.501 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:330 Resp: 1790366
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 23.0 18.9 28.3

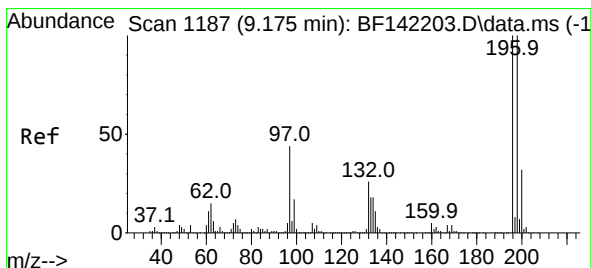
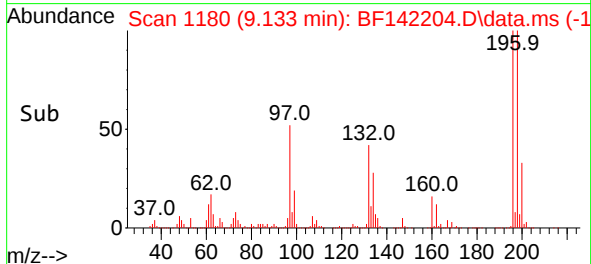
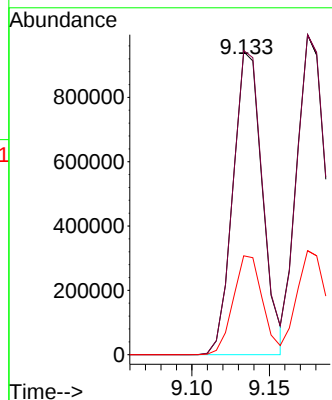
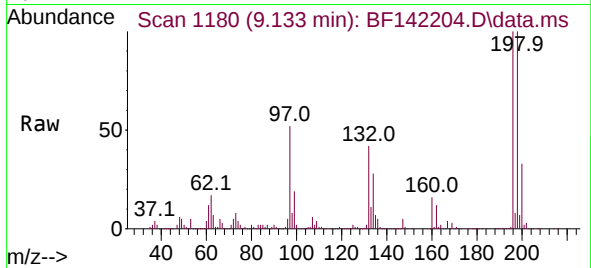




#43
2,4,6-Trichlorophenol
Concen: 50.882 ng
RT: 9.133 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

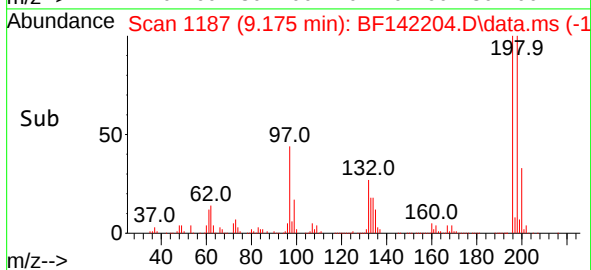
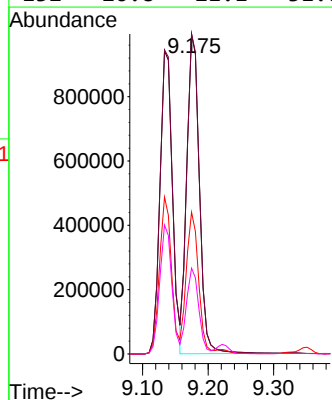
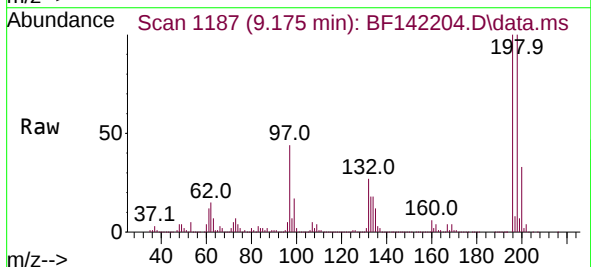
Instrument :
BNA_F
ClientSampleId :

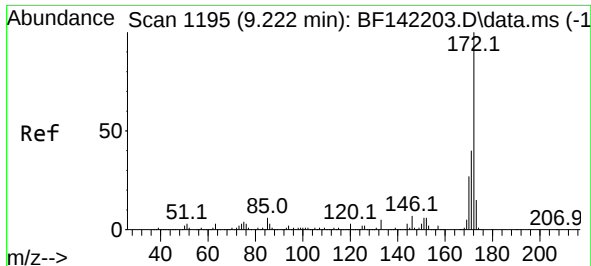
Tgt Ion:196 Resp: 1241715
Ion Ratio Lower Upper
196 100
198 100.4 80.0 120.0
200 32.7 25.6 38.4



#44
2,4,5-Trichlorophenol
Concen: 50.613 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

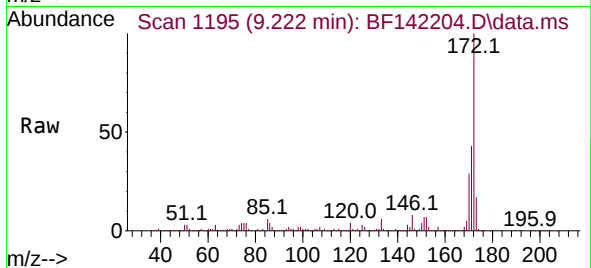
Tgt Ion:196 Resp: 1323919
Ion Ratio Lower Upper
196 100
198 100.0 80.0 120.0
97 44.3 35.9 53.9
132 26.8 21.1 31.7



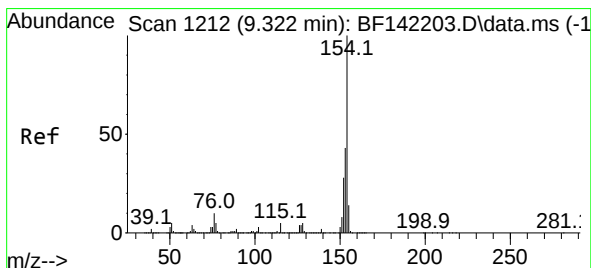
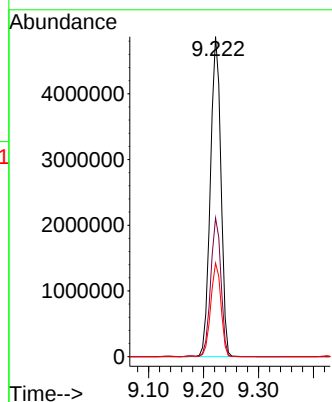
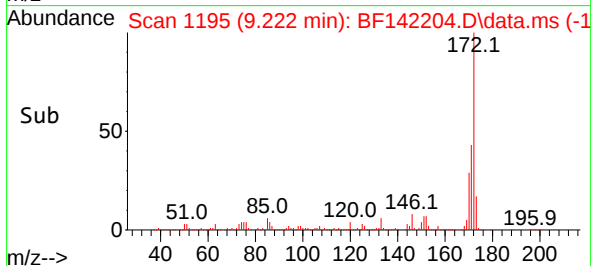


#45
2-Fluorobiphenyl
Concen: 82.604 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

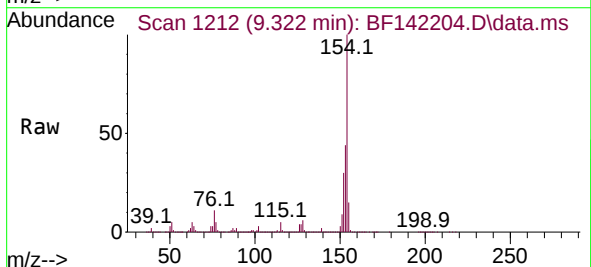
Instrument :
BNA_F
ClientSampleId :



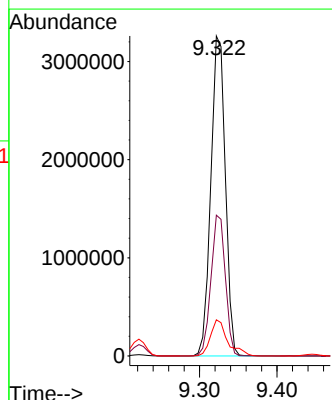
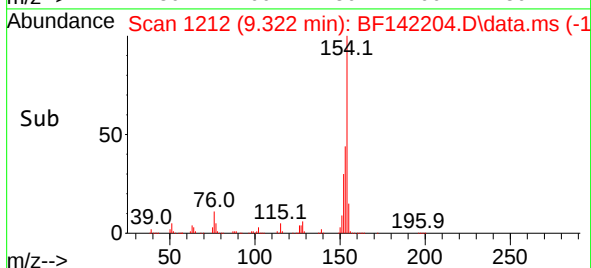
Tgt Ion:172 Resp: 6474295
Ion Ratio Lower Upper
172 100
171 43.4 32.1 48.1
170 29.3 21.4 32.0

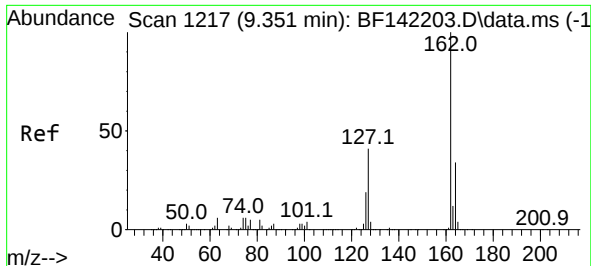


#46
1,1'-Biphenyl
Concen: 46.184 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:154 Resp: 4230784
Ion Ratio Lower Upper
154 100
153 44.0 22.5 62.5
76 11.3 0.0 30.4





#47

2-Chloronaphthalene

Concen: 46.985 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

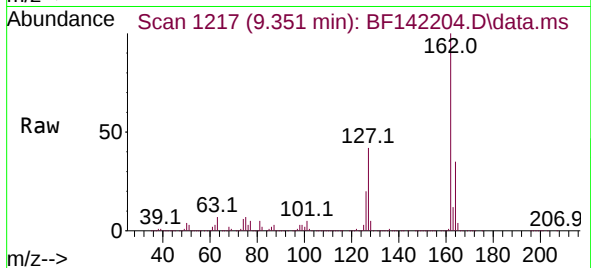
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :



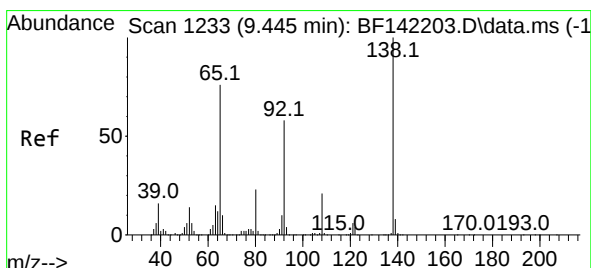
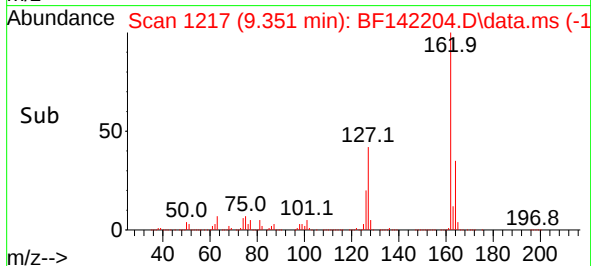
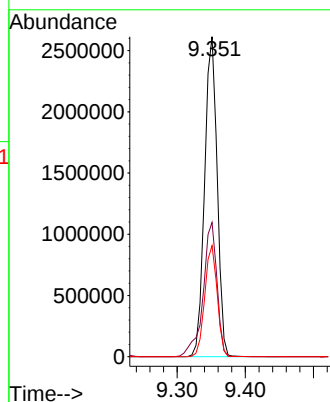
Tgt Ion:162 Resp: 3340875

Ion Ratio Lower Upper

162 100

127 41.9 33.1 49.7

164 34.7 27.1 40.7



#48

2-Nitroaniline

Concen: 50.862 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

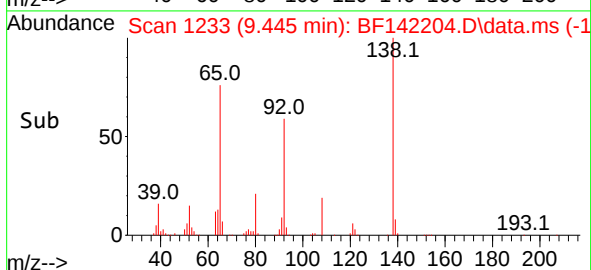
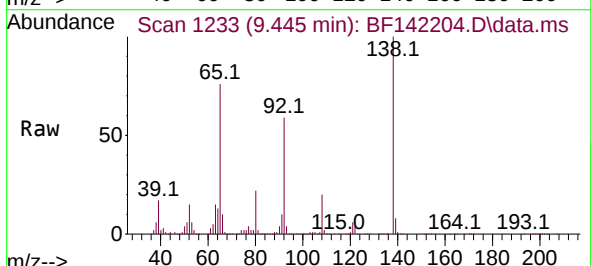
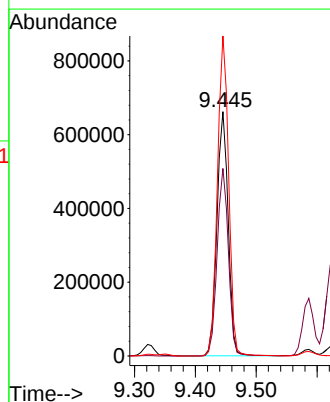
Tgt Ion: 65 Resp: 847744

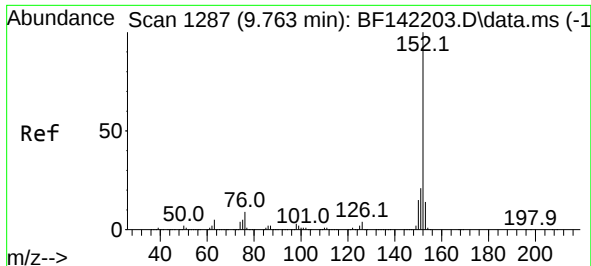
Ion Ratio Lower Upper

65 100

92 76.8 61.4 92.0

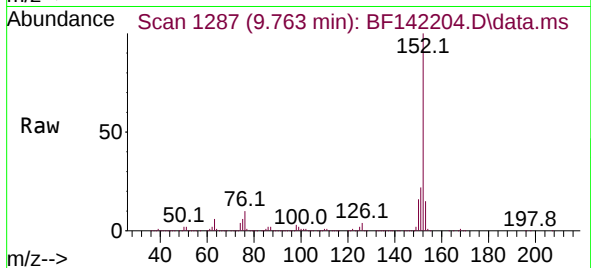
138 131.0 105.8 158.6



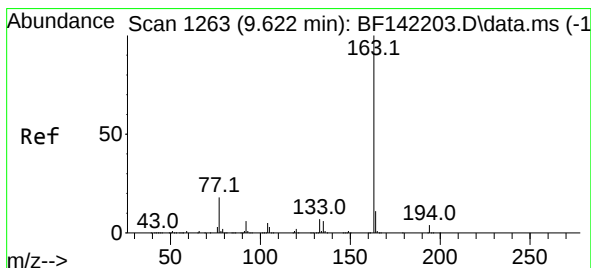
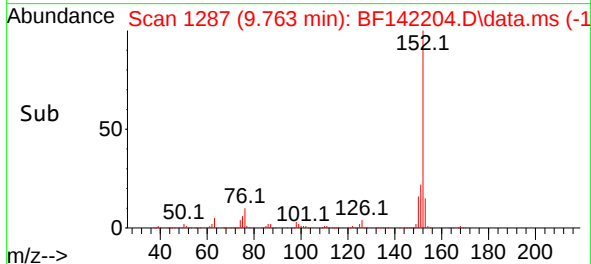
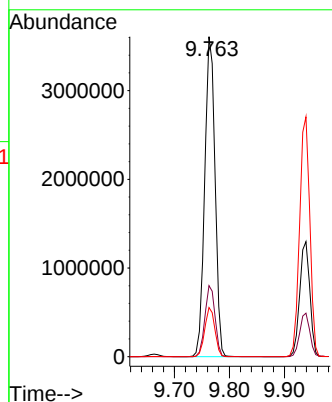


#49
Acenaphthylene
Concen: 46.837 ng
RT: 9.763 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :

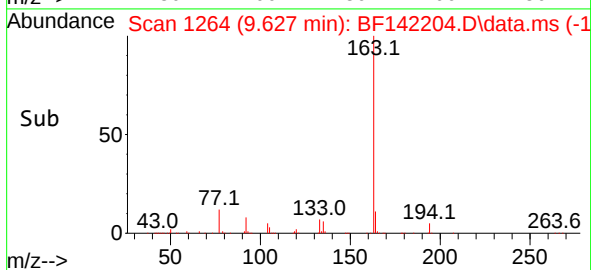
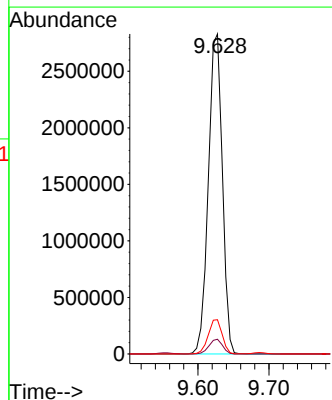
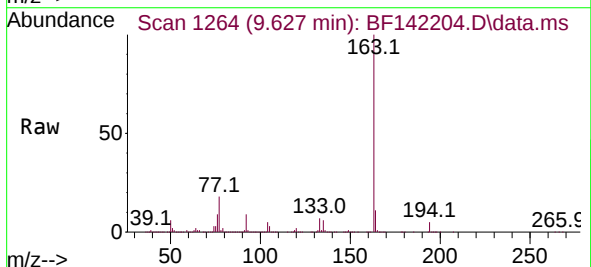


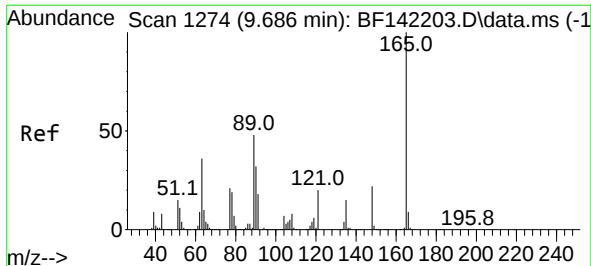
Tgt Ion:152 Resp: 4707382
Ion Ratio Lower Upper
152 100
151 22.2 16.9 25.3
153 15.4 11.6 17.4



#50
Dimethylphthalate
Concen: 47.483 ng
RT: 9.627 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:163 Resp: 3889305
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.7 8.6 12.8

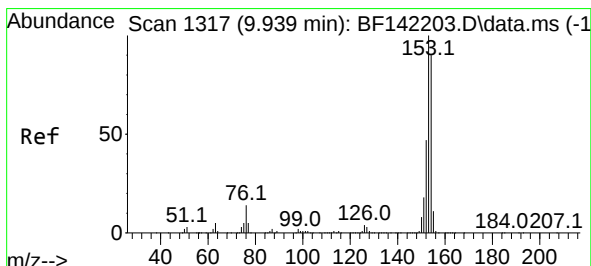
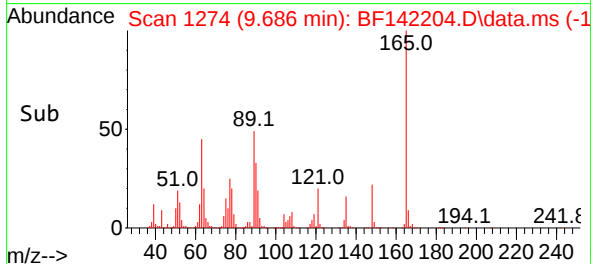
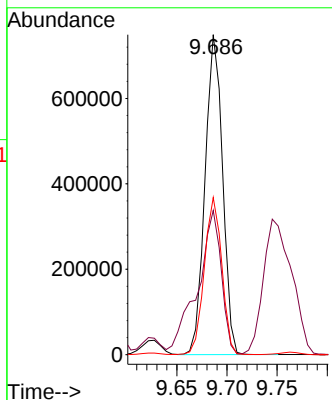
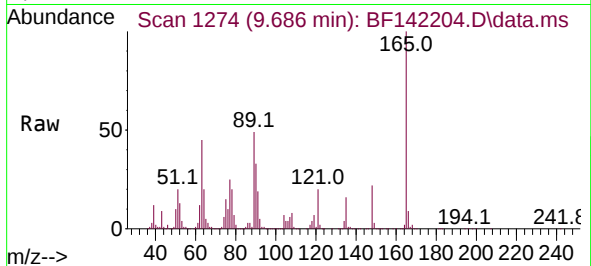




#51
2,6-Dinitrotoluene
Concen: 49.686 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

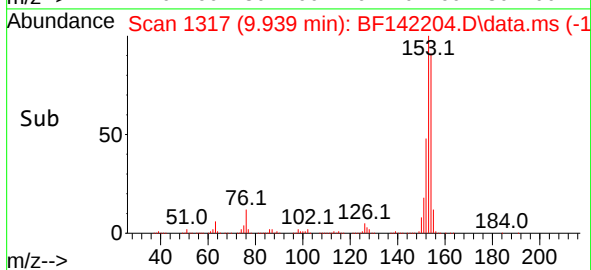
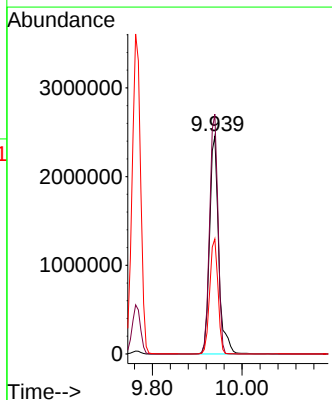
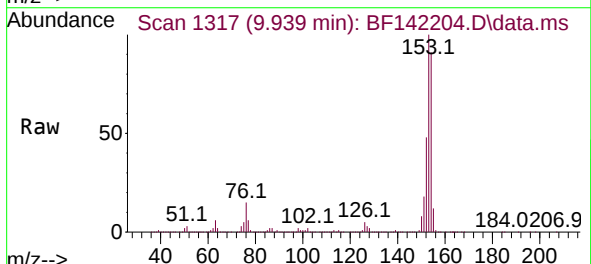
Instrument :
BNA_F
ClientSampleId :

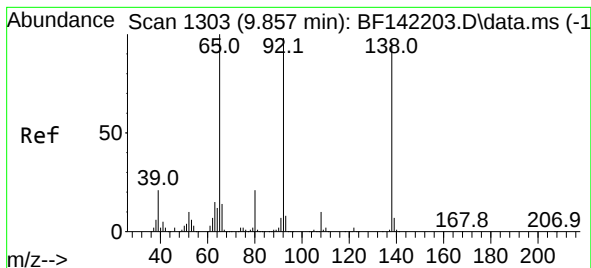
Tgt Ion:165 Resp: 913705
Ion Ratio Lower Upper
165 100
63 45.0 35.4 53.2
89 49.1 38.6 58.0



#52
Acenaphthene
Concen: 47.714 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:154 Resp: 3455698
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 52.9 41.8 62.8





#53

3-Nitroaniline

Concen: 50.007 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

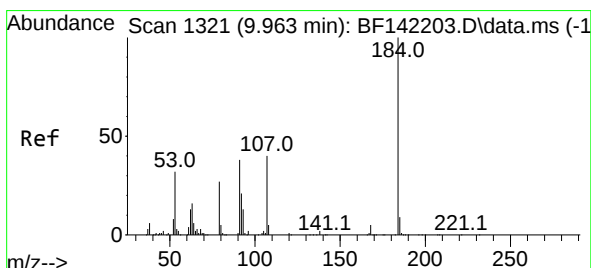
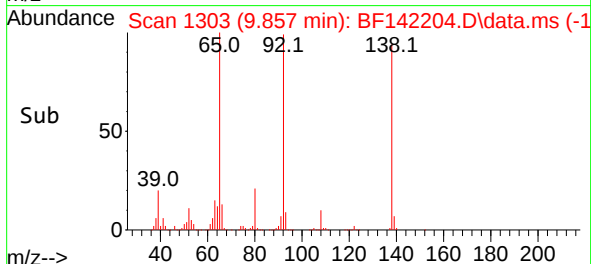
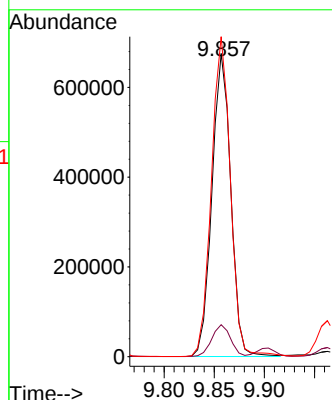
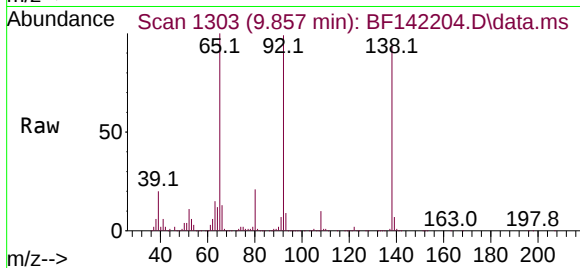
Tgt Ion:138 Resp: 881139

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

92 105.5 81.8 122.8



#54

2,4-Dinitrophenol

Concen: 54.404 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

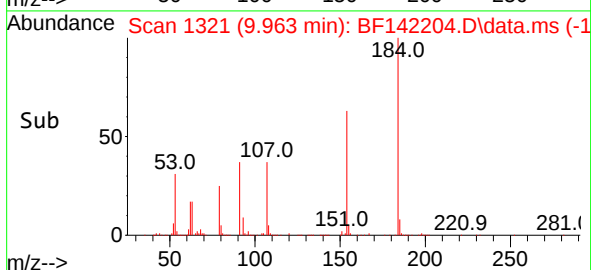
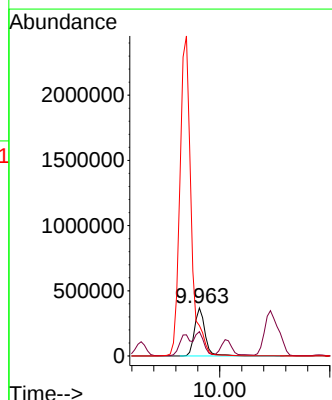
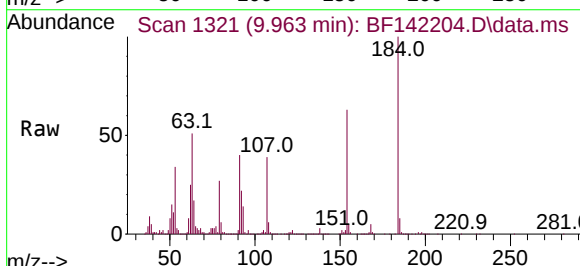
Tgt Ion:184 Resp: 490011

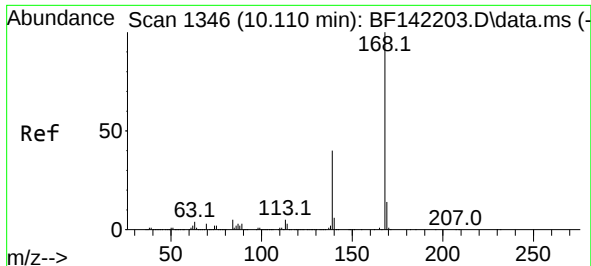
Ion Ratio Lower Upper

184 100

63 50.7 39.0 58.4

154 63.3 52.2 78.4

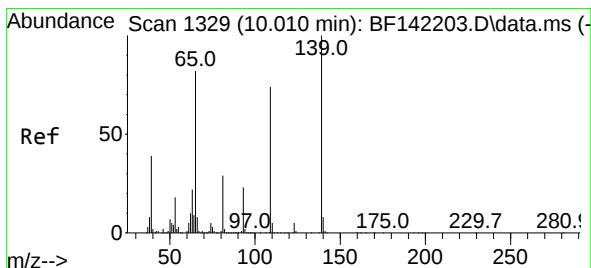
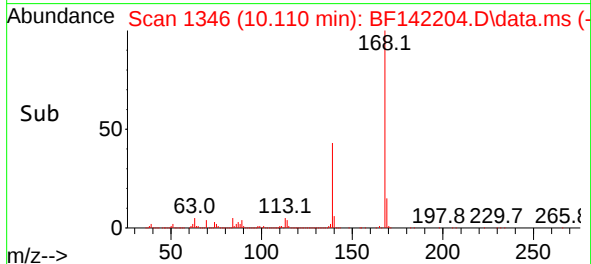
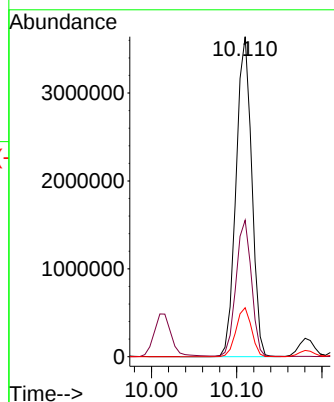
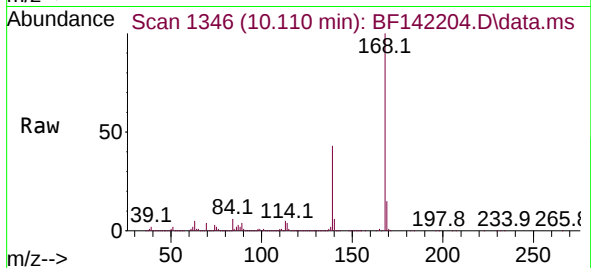




#55
Dibenzofuran
Concen: 45.758 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

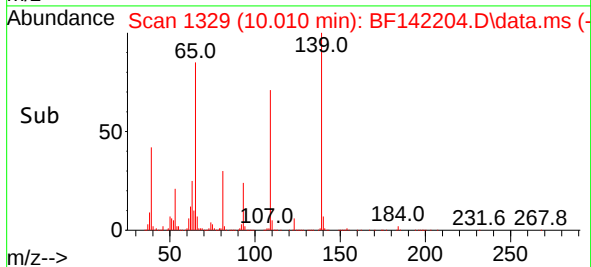
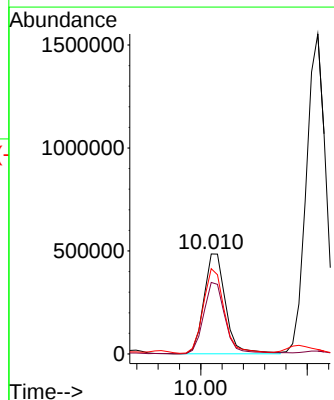
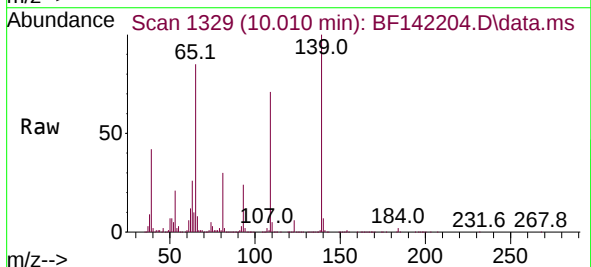
Instrument :
BNA_F
ClientSampleId :

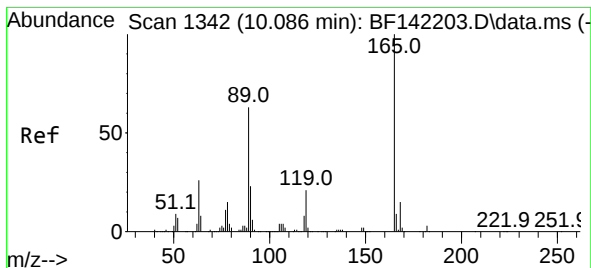
Tgt Ion:168 Resp: 4646035
Ion Ratio Lower Upper
168 100
139 42.7 32.3 48.5
169 15.3 11.4 17.0



#56
4-Nitrophenol
Concen: 53.444 ng
RT: 10.010 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

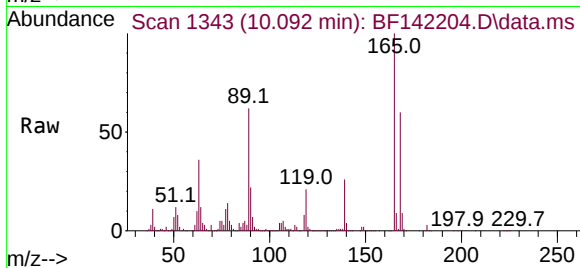
Tgt Ion:139 Resp: 688860
Ion Ratio Lower Upper
139 100
109 71.4 54.1 94.1
65 85.3 62.1 102.1



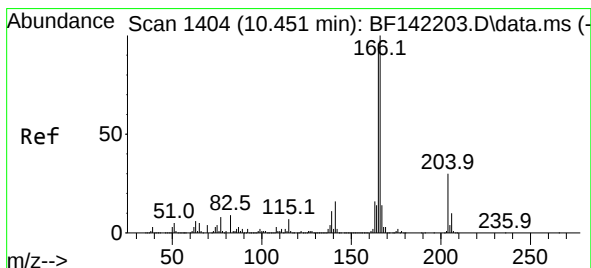
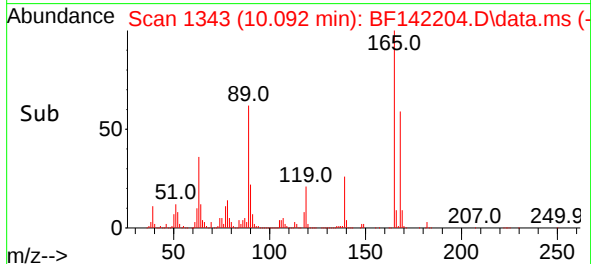
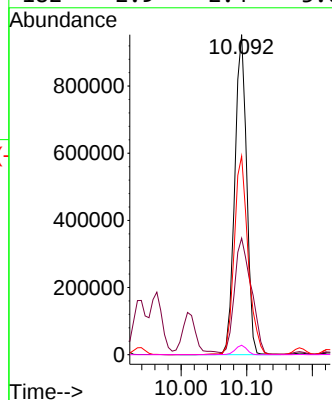


#57
2,4-Dinitrotoluene
Concen: 50.455 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Instrument :
BNA_F
ClientSampleId :

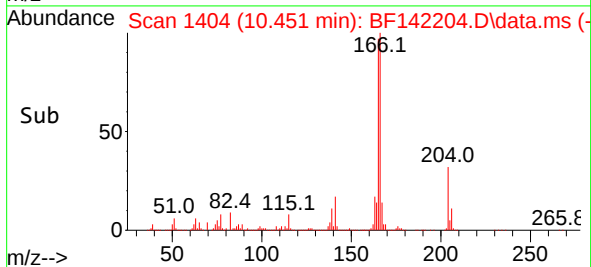
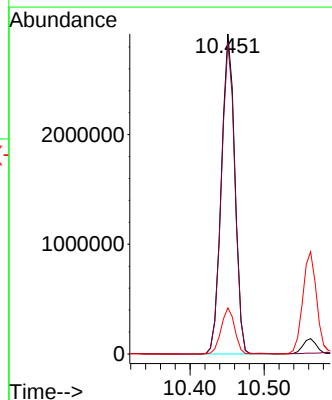
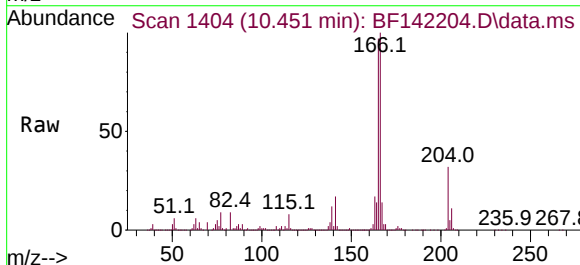


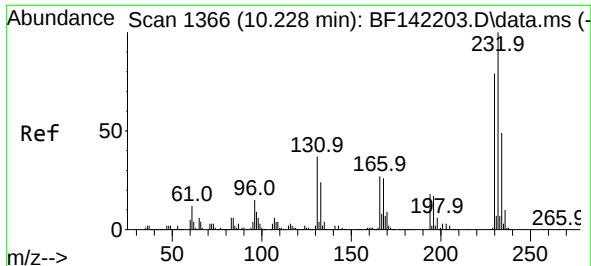
Tgt Ion:165 Resp: 1198406
Ion Ratio Lower Upper
165 100
63 36.4 29.0 43.6
89 62.0 50.1 75.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 46.987 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:166 Resp: 3690555
Ion Ratio Lower Upper
166 100
165 97.1 77.1 115.7
167 14.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.532 ng

RT: 10.227 min Scan# 1366

Delta R.T. -0.000 min

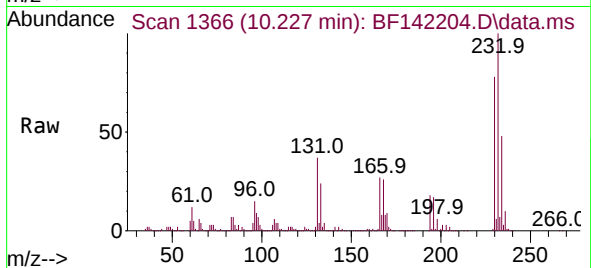
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 1205116

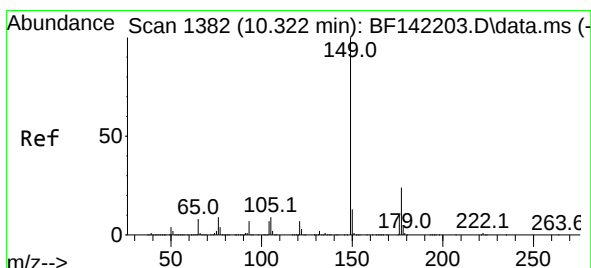
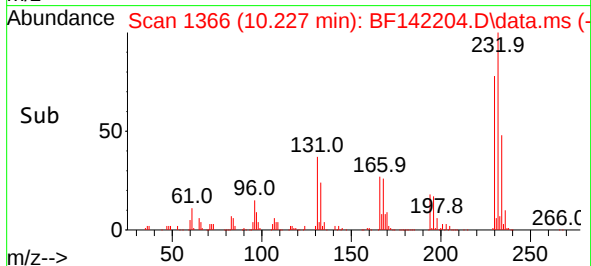
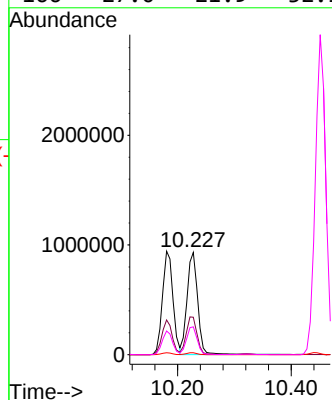
Ion Ratio Lower Upper

232 100

131 37.7 31.9 47.9

130 1.8 1.6 2.4

166 27.0 21.9 32.9



#60

Diethylphthalate

Concen: 48.230 ng

RT: 10.322 min Scan# 1382

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

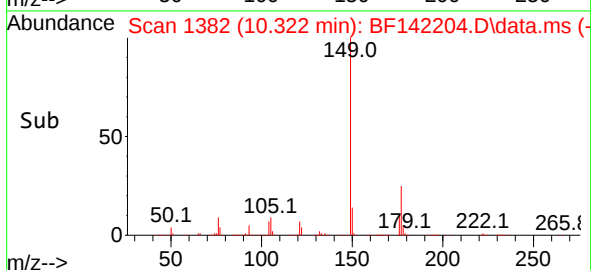
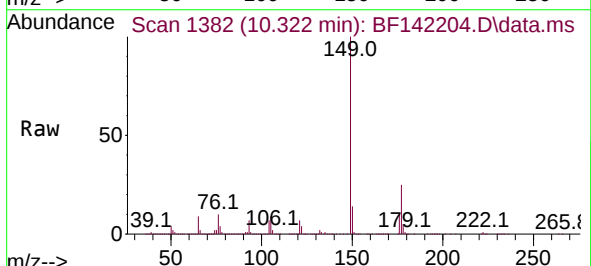
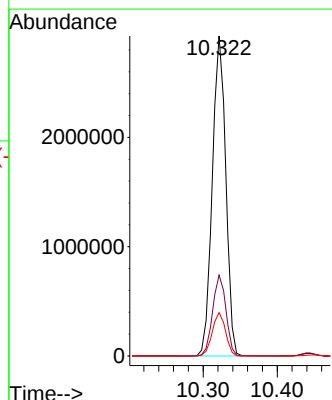
Tgt Ion:149 Resp: 3688889

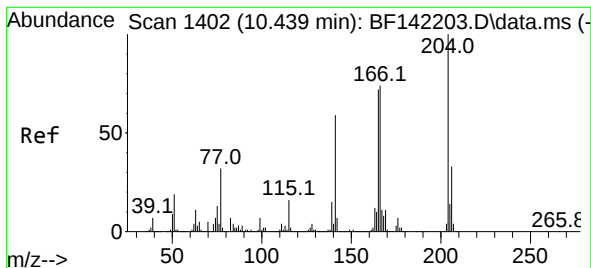
Ion Ratio Lower Upper

149 100

177 25.3 19.6 29.4

150 13.5 10.6 15.8

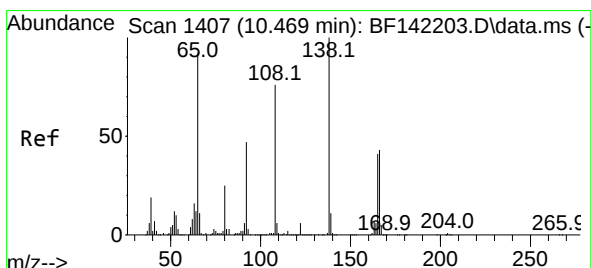
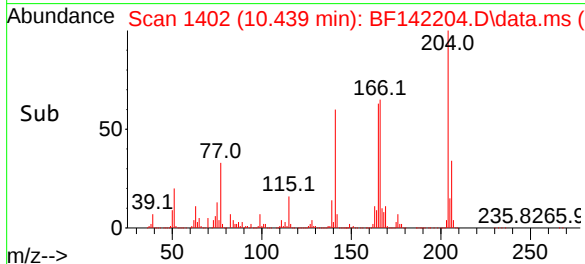
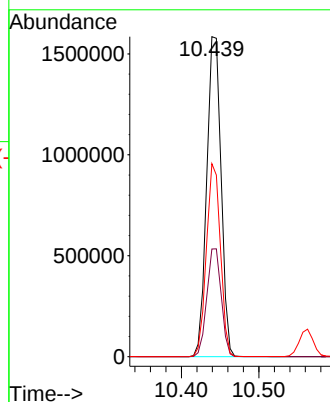
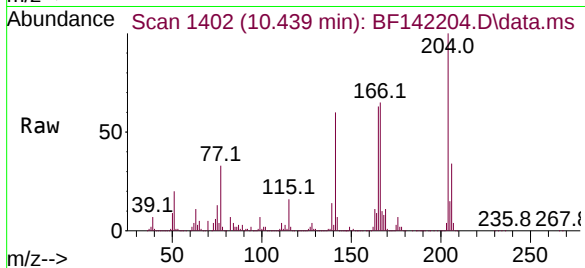




#61
4-Chlorophenyl-phenylether
Concen: 47.214 ng
RT: 10.439 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

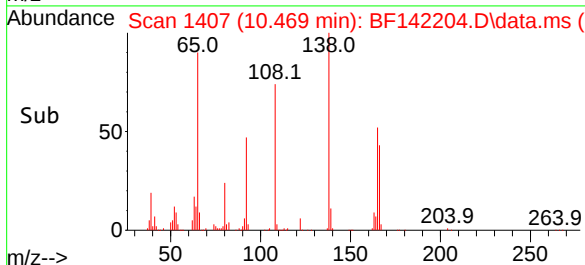
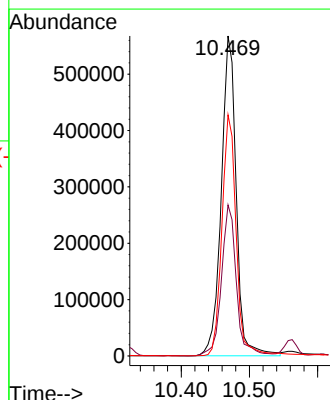
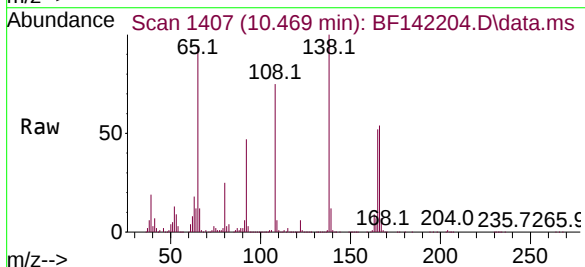
Instrument :
BNA_F
ClientSampleId :

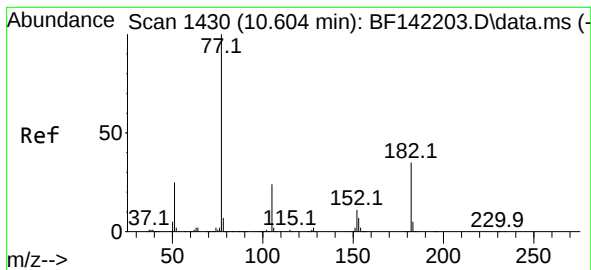
Tgt Ion:204 Resp: 2041912
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 60.3 47.0 70.6



#62
4-Nitroaniline
Concen: 51.804 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:138 Resp: 867626
Ion Ratio Lower Upper
138 100
92 47.2 26.7 66.7
108 75.4 56.5 96.5

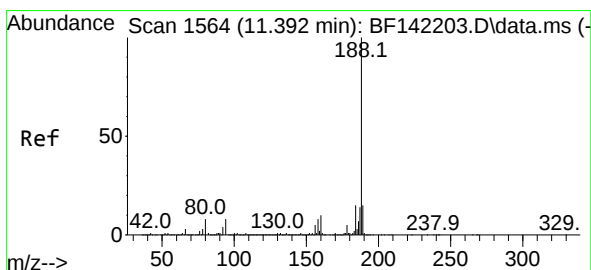
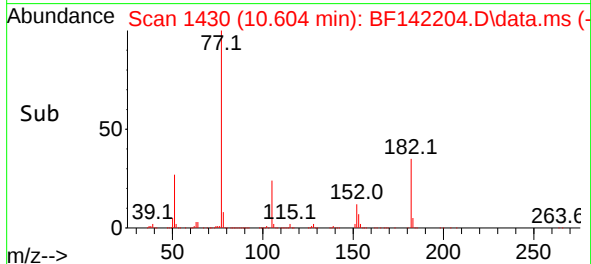
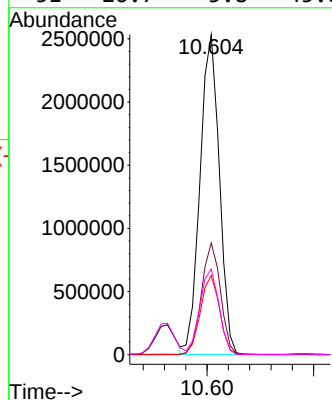
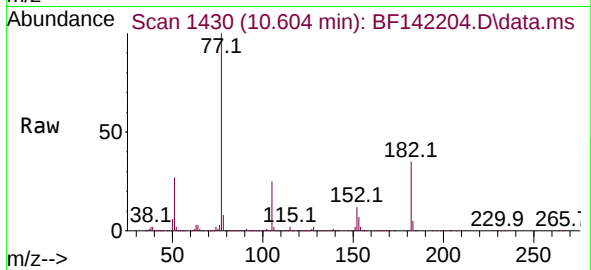




#63
Azobenzene
Concen: 48.040 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

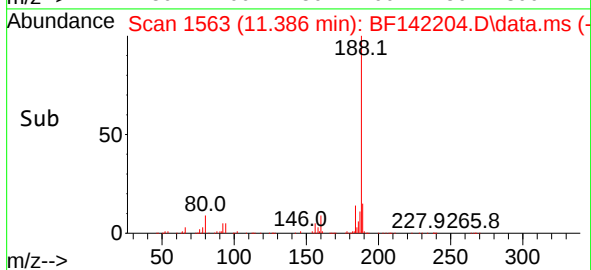
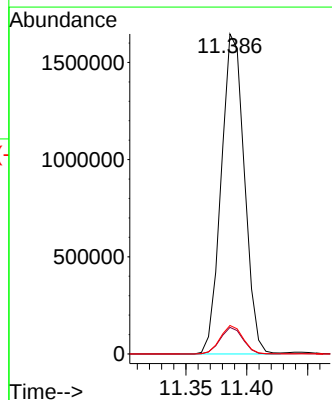
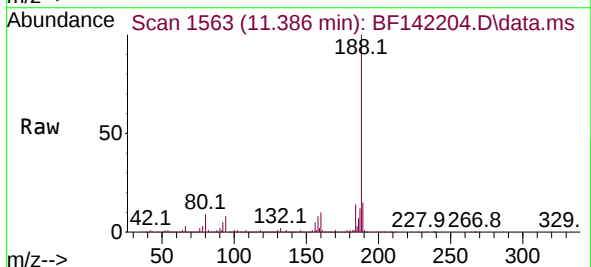
Instrument :
BNA_F
ClientSampleId :

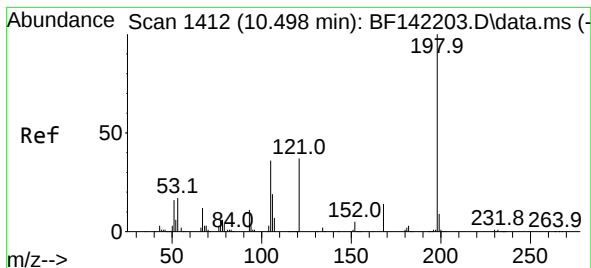
Tgt Ion: 77 Resp: 3199494
Ion Ratio Lower Upper
77 100
182 34.9 14.8 54.8
105 24.7 4.0 44.0
51 26.7 5.8 45.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

Tgt Ion:188 Resp: 2180134
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 8.9 6.7 10.1

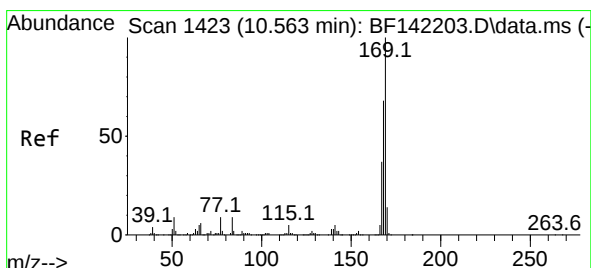
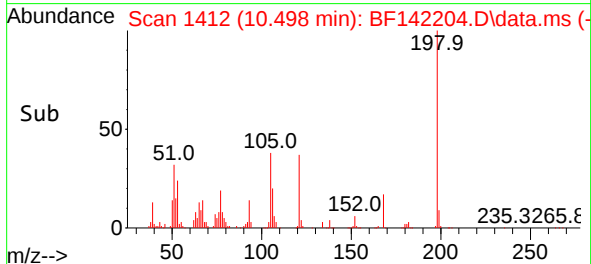
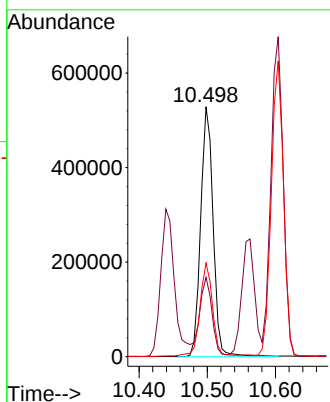
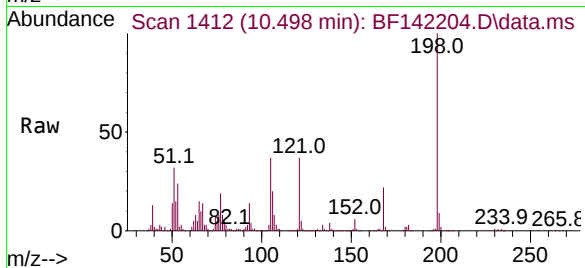




#65
4,6-Dinitro-2-methylphenol
Concen: 52.731 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

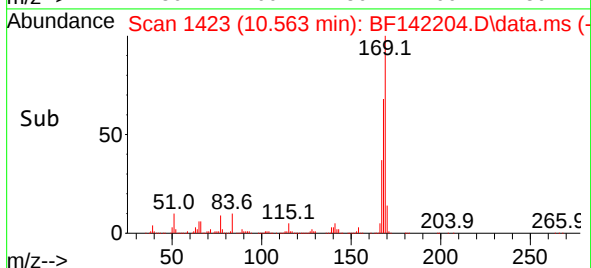
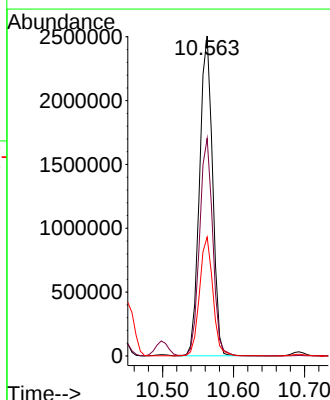
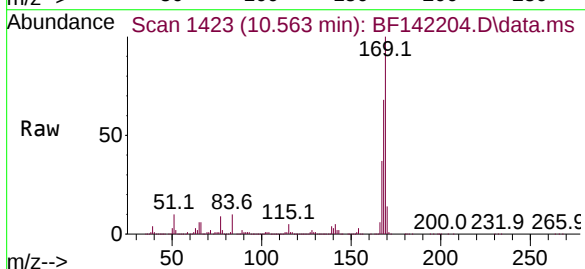
Instrument :
BNA_F
ClientSampleId :

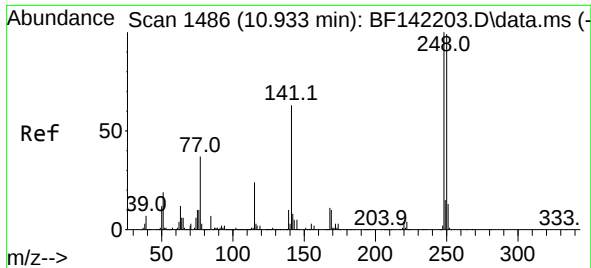
Tgt Ion:198 Resp: 671047
Ion Ratio Lower Upper
198 100
51 31.7 10.2 50.2
105 37.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 47.872 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

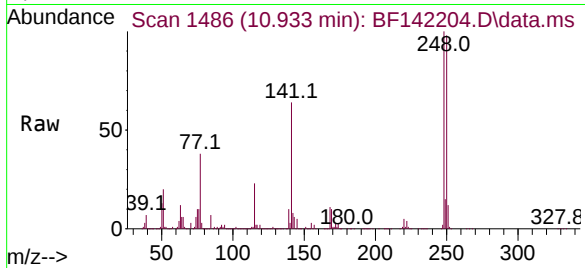
Tgt Ion:169 Resp: 3198716
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 37.2 29.4 44.2



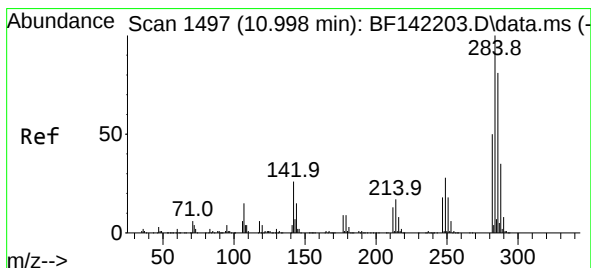
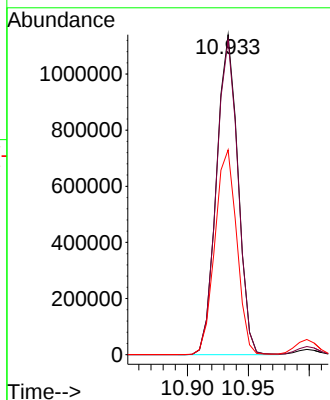
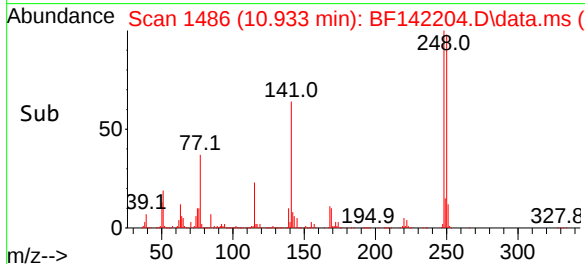


#67
4-Bromophenyl-phenylether
Concen: 48.805 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33

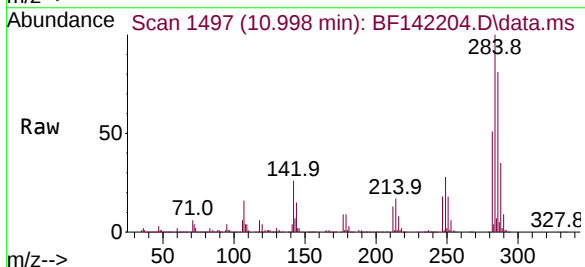
Instrument :
BNA_F
ClientSampleId :



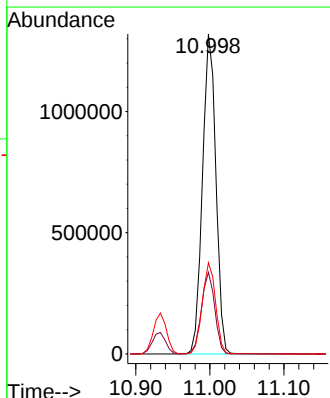
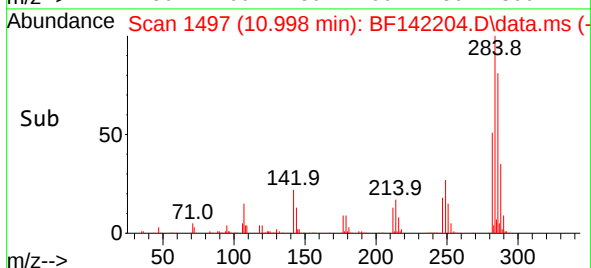
Tgt Ion:248 Resp: 1399305
Ion Ratio Lower Upper
248 100
250 98.4 78.8 118.2
141 64.0 50.6 75.8

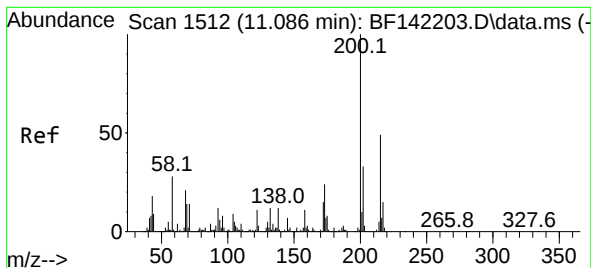


#68
Hexachlorobenzene
Concen: 48.559 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF142204.D
Acq: 21 Apr 2025 13:33



Tgt Ion:284 Resp: 1656836
Ion Ratio Lower Upper
284 100
142 25.5 20.7 31.1
249 28.5 22.8 34.2





#69

Atrazine

Concen: 54.265 ng

RT: 11.086 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

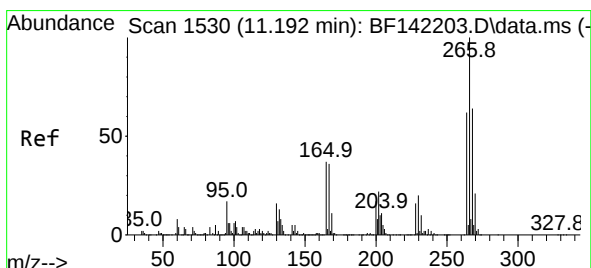
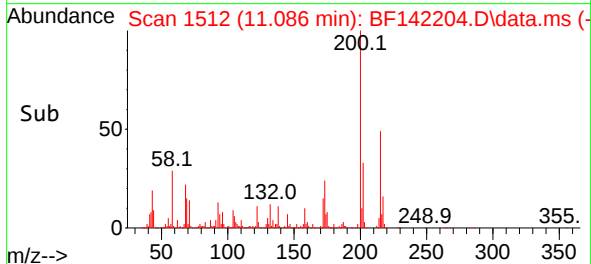
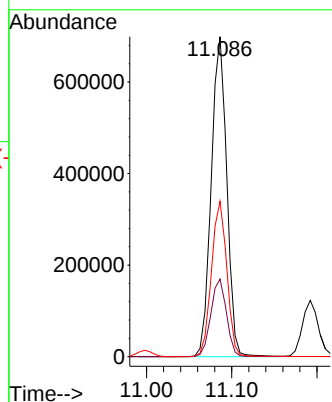
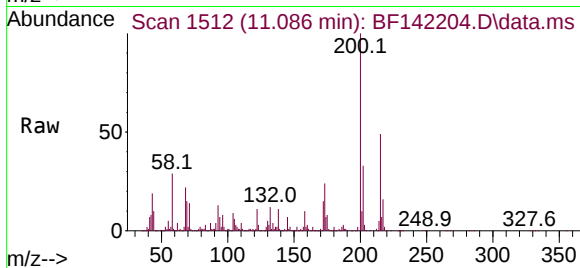
Tgt Ion:200 Resp: 884832

Ion Ratio Lower Upper

200 100

173 24.2 4.4 44.4

215 48.5 28.6 68.6



#70

Pentachlorophenol

Concen: 55.635 ng

RT: 11.192 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

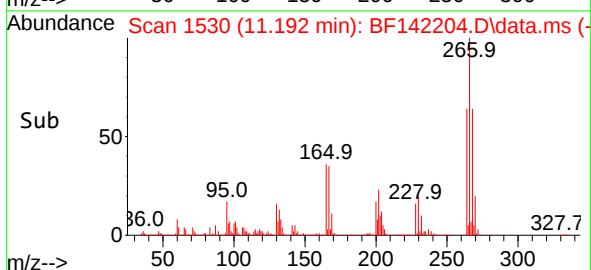
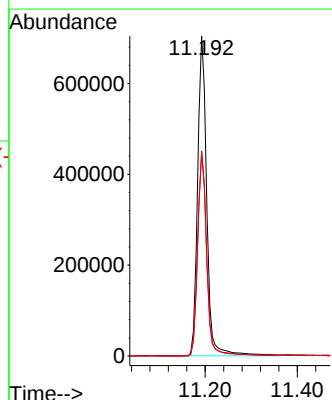
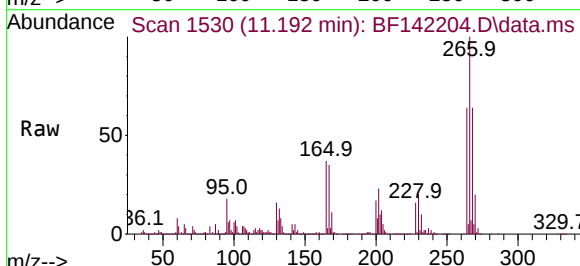
Tgt Ion:266 Resp: 968375

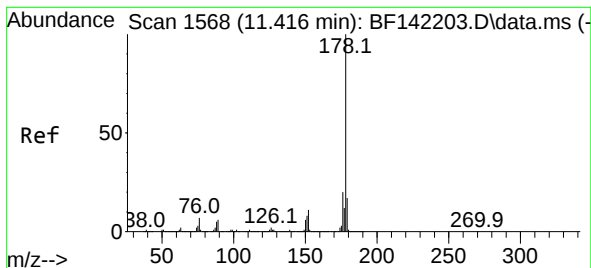
Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

264 63.6 49.4 74.2





#71

Phenanthrene

Concen: 46.136 ng

RT: 11.416 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

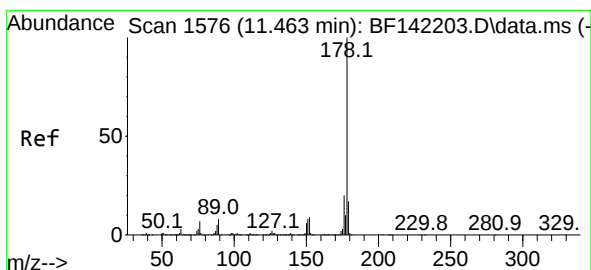
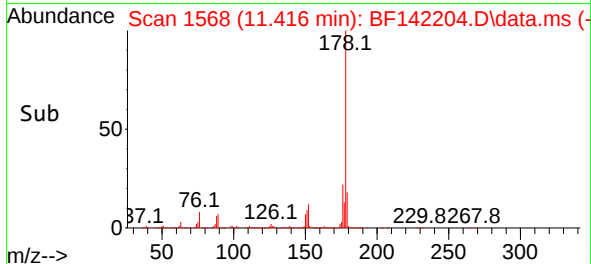
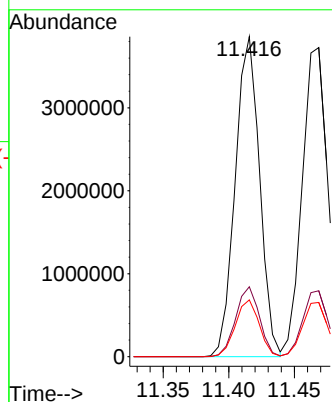
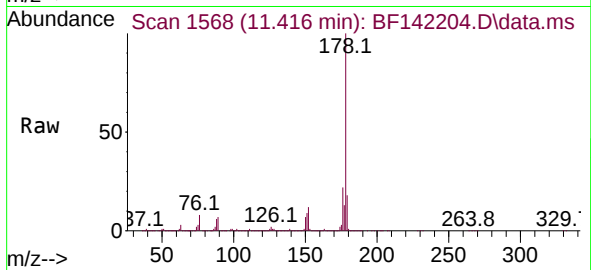
Tgt Ion:178 Resp: 4994835

Ion Ratio Lower Upper

178 100

176 21.8 16.3 24.5

179 17.8 13.3 19.9



#72

Anthracene

Concen: 46.605 ng

RT: 11.469 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

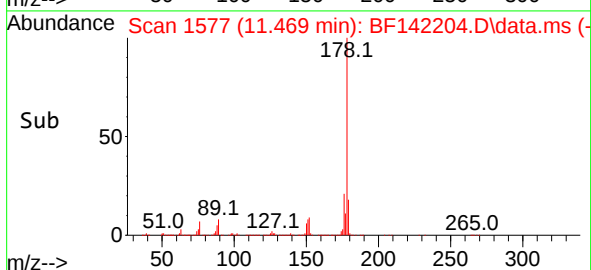
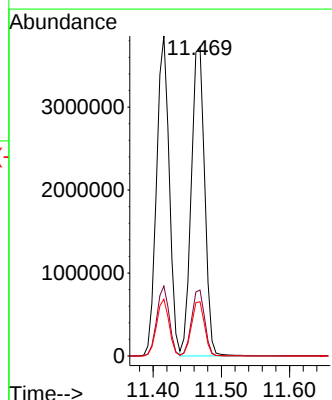
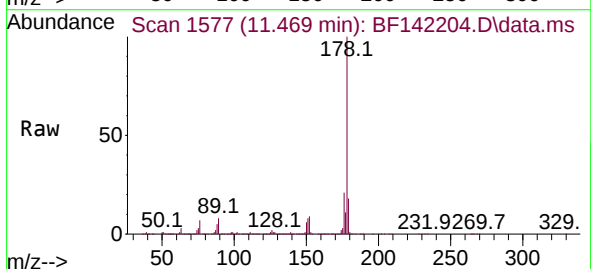
Tgt Ion:178 Resp: 5045026

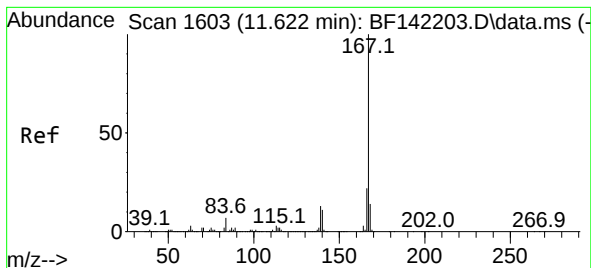
Ion Ratio Lower Upper

178 100

176 21.3 15.6 23.4

179 17.5 13.4 20.0





#73

Carbazole

Concen: 47.340 ng

RT: 11.621 min Scan# 1603

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

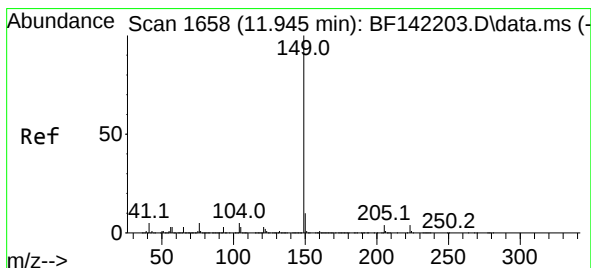
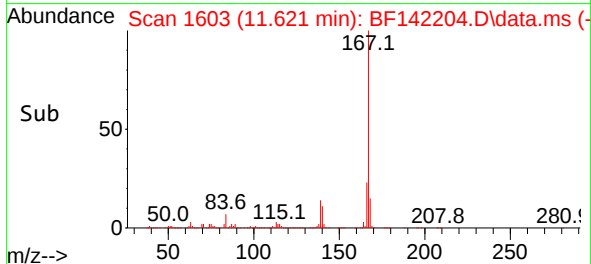
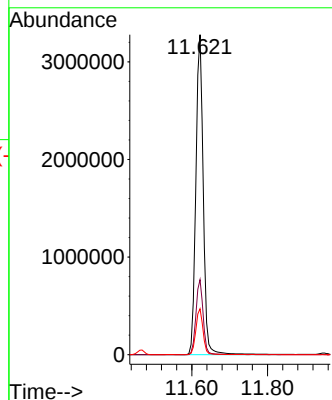
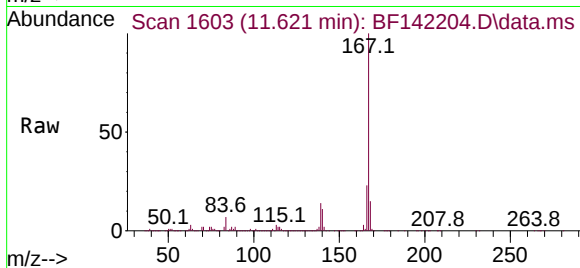
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 4477008

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.4	26.2
139	14.3	10.7	16.1



#74

Di-n-butylphthalate

Concen: 49.054 ng

RT: 11.945 min Scan# 1658

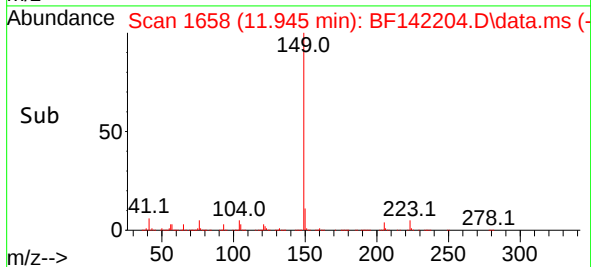
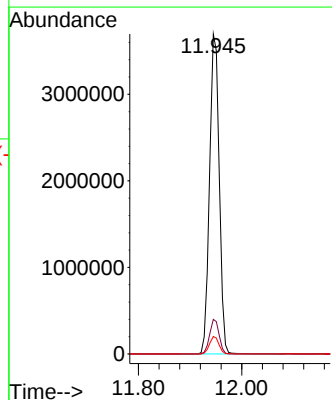
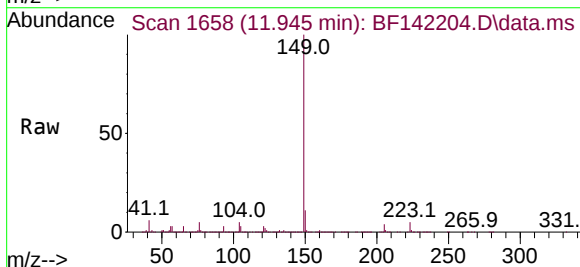
Delta R.T. -0.000 min

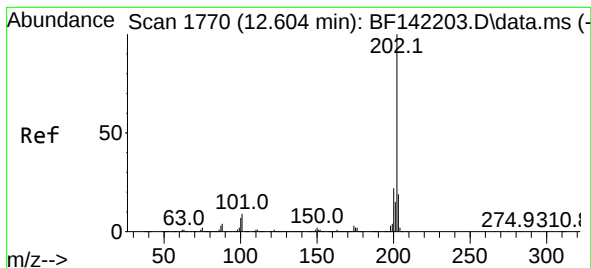
Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Tgt Ion:149 Resp: 4801543

Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.9	11.9
104	5.5	4.0	6.0





#75

Fluoranthene

Concen: 46.238 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

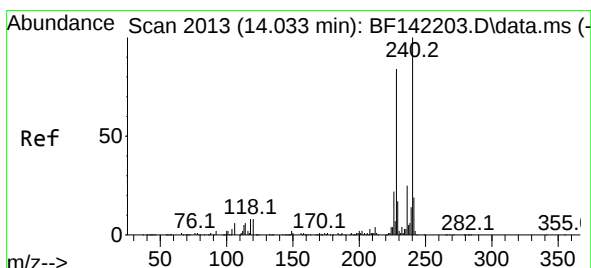
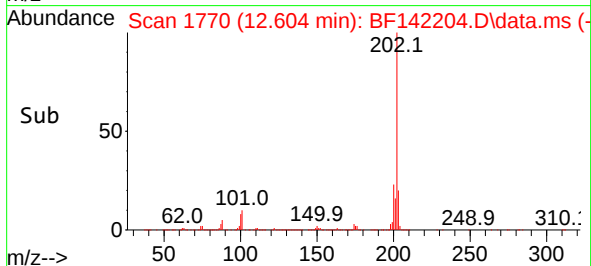
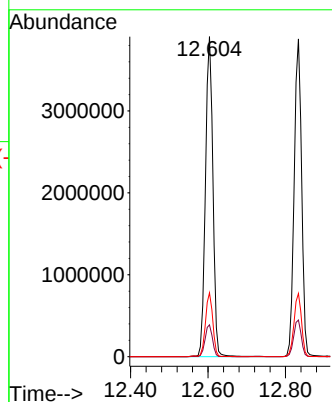
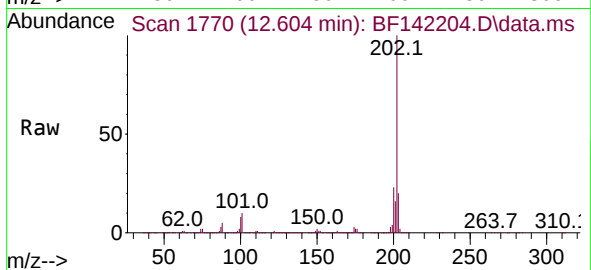
Tgt Ion:202 Resp: 5203428

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.9

203 20.0 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

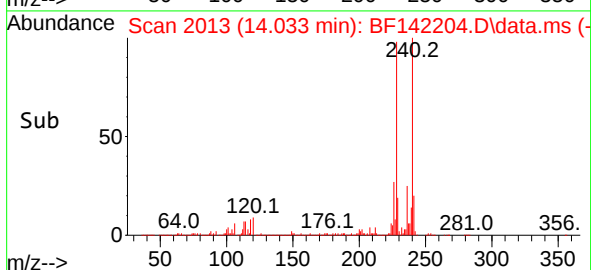
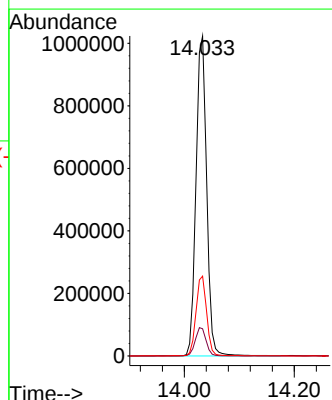
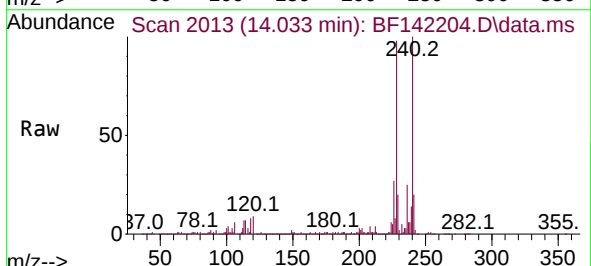
Tgt Ion:240 Resp: 1377336

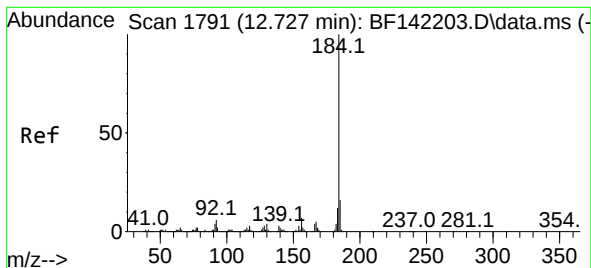
Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

236 25.0 20.2 30.2





#77

Benzidine

Concen: 58.223 ng

RT: 12.727 min Scan# 1791

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

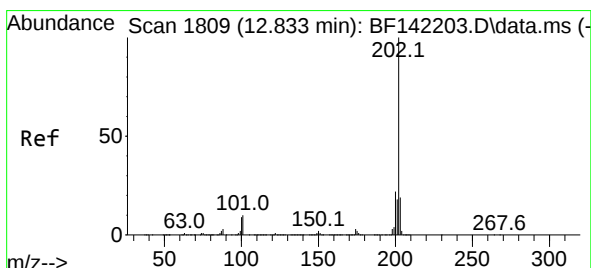
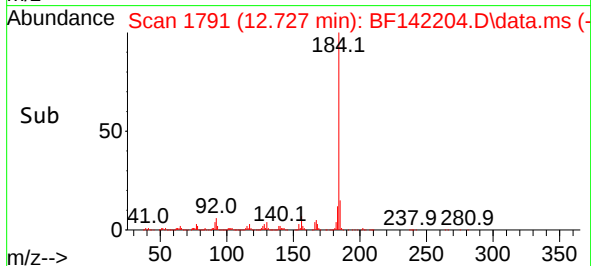
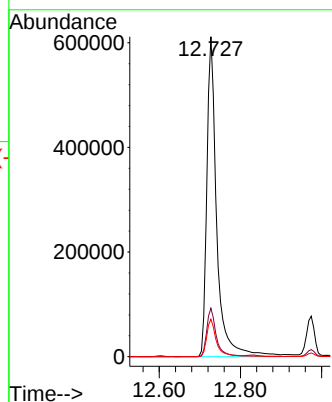
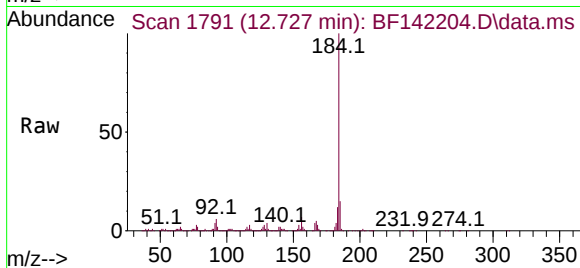
Tgt Ion:184 Resp: 1034866

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

183 11.7 9.6 14.4



#78

Pyrene

Concen: 47.251 ng

RT: 12.833 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

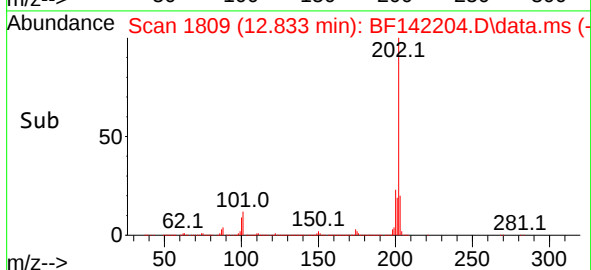
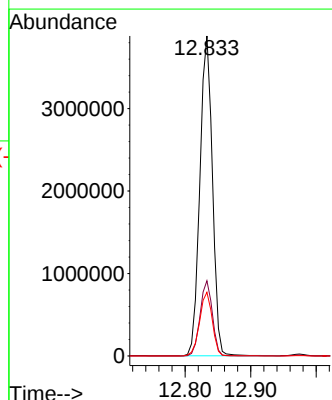
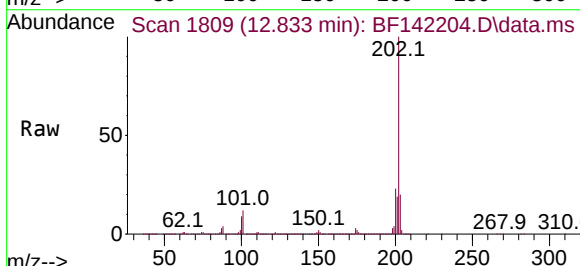
Tgt Ion:202 Resp: 5168816

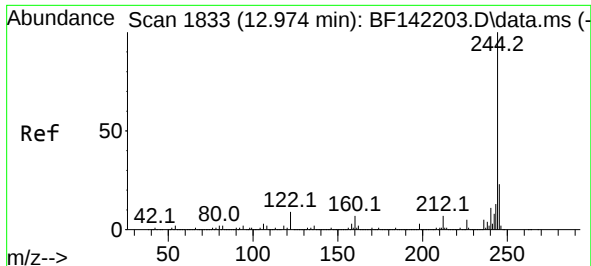
Ion Ratio Lower Upper

202 100

200 23.5 17.6 26.4

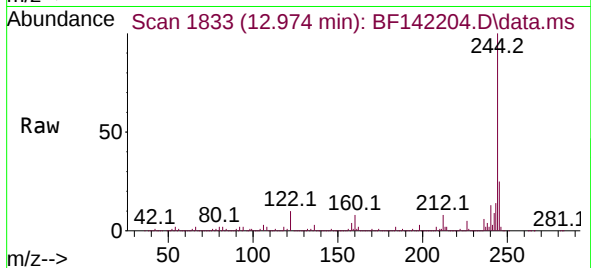
203 19.9 14.8 22.2



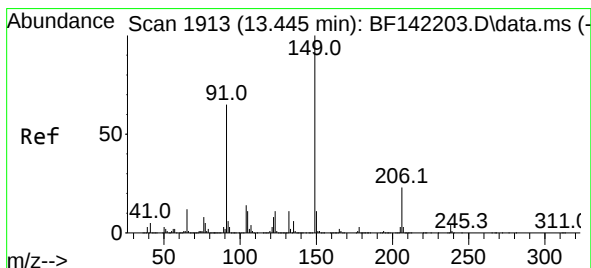
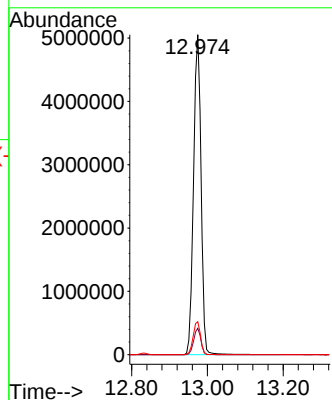
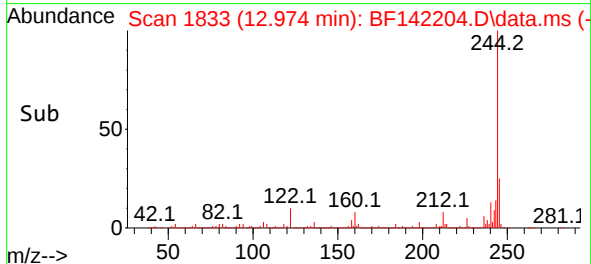


#79
 Terphenyl-d14
 Concen: 85.049 ng
 RT: 12.974 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

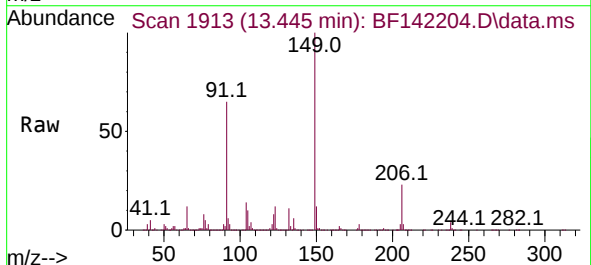
Instrument :
 BNA_F
 ClientSampleId :



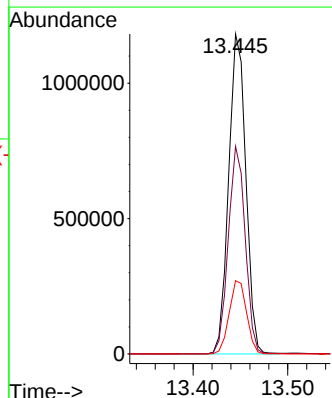
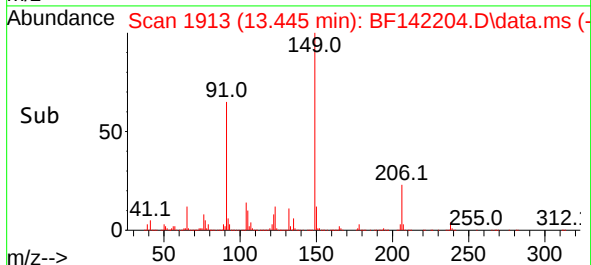
Tgt Ion:244 Resp: 6992233
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 10.3 7.3 10.9

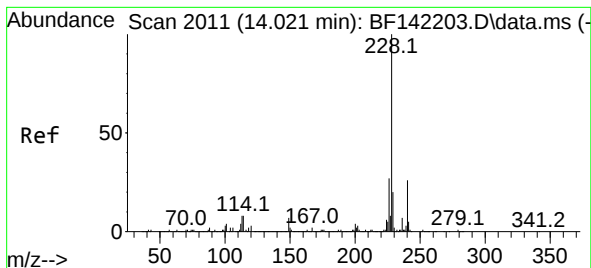


#80
 Butylbenzylphthalate
 Concen: 56.317 ng
 RT: 13.445 min Scan# 1913
 Delta R.T. -0.000 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33



Tgt Ion:149 Resp: 1491142
 Ion Ratio Lower Upper
 149 100
 91 64.9 51.8 77.8
 206 22.9 18.2 27.4





#81

Benzo(a)anthracene

Concen: 49.479 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

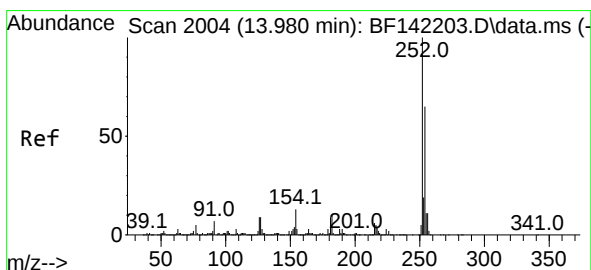
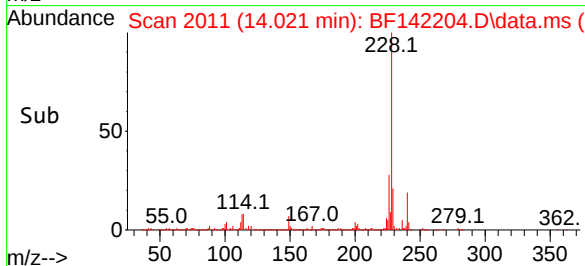
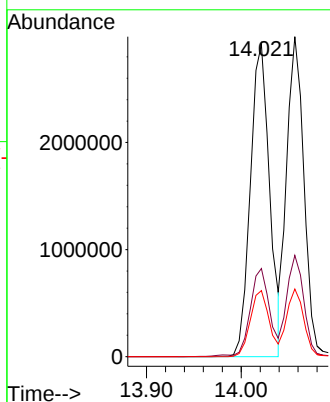
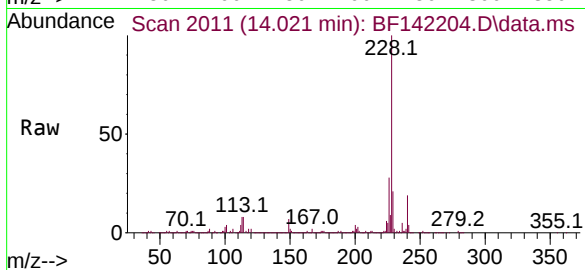
Tgt Ion:228 Resp: 4127639

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.8

229 21.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 53.527 ng

RT: 13.980 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

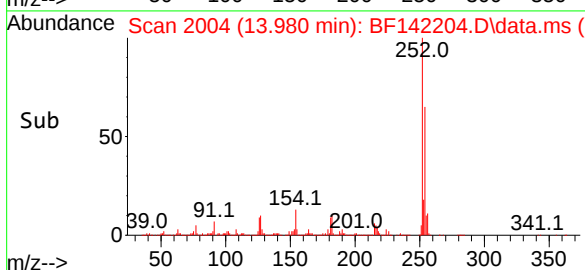
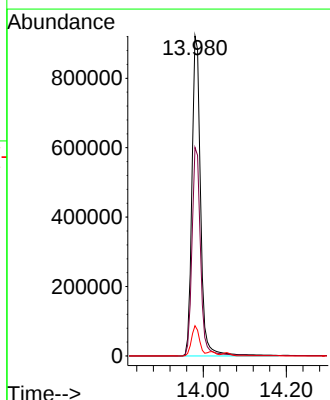
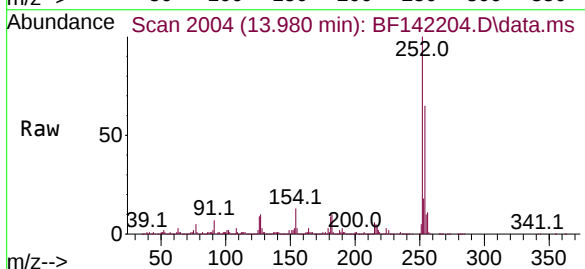
Tgt Ion:252 Resp: 1329717

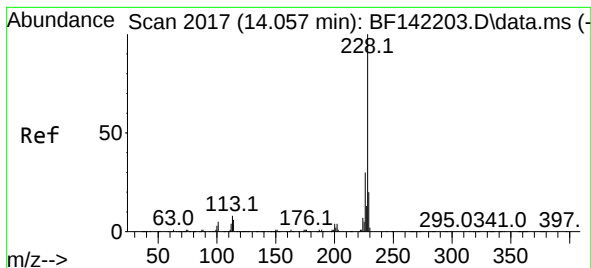
Ion Ratio Lower Upper

252 100

254 65.2 51.9 77.9

126 9.5 7.4 11.0





#83

Chrysene

Concen: 47.925 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

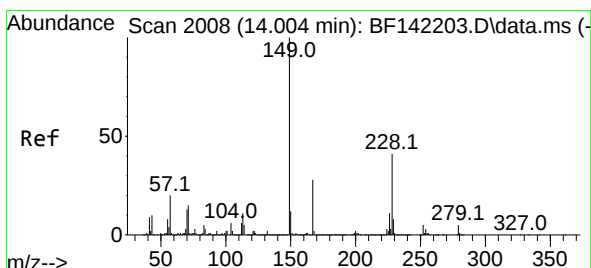
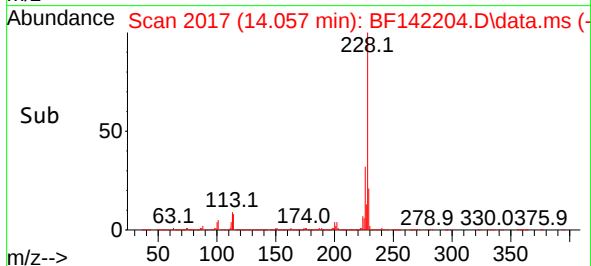
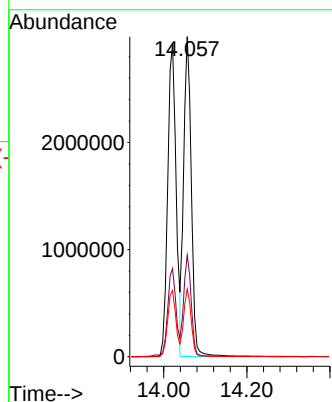
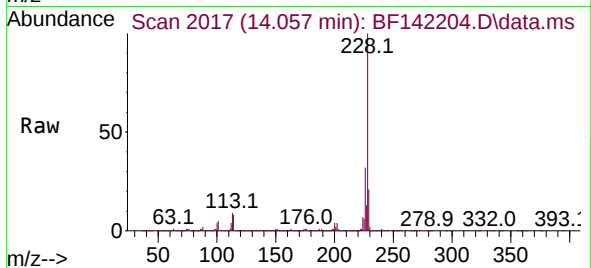
Tgt Ion:228 Resp: 3852046

Ion Ratio Lower Upper

228 100

226 31.6 23.9 35.9

229 21.2 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.955 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

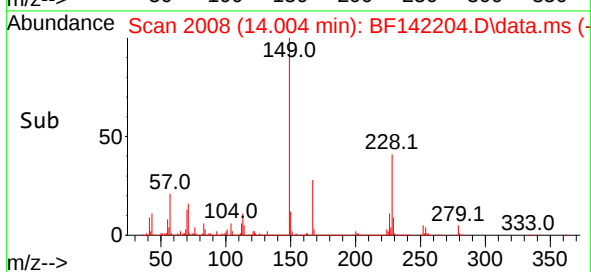
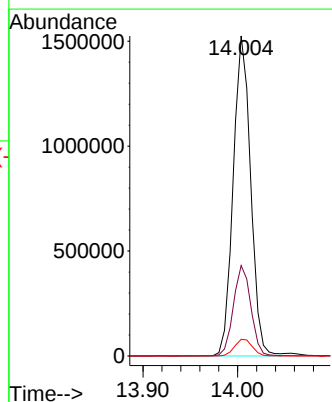
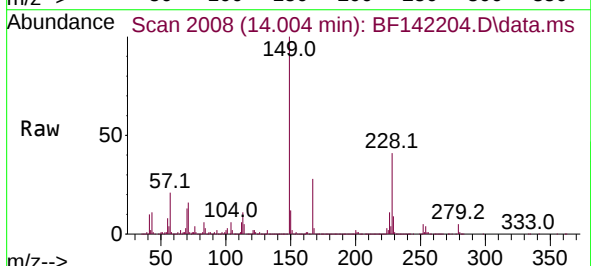
Tgt Ion:149 Resp: 1946586

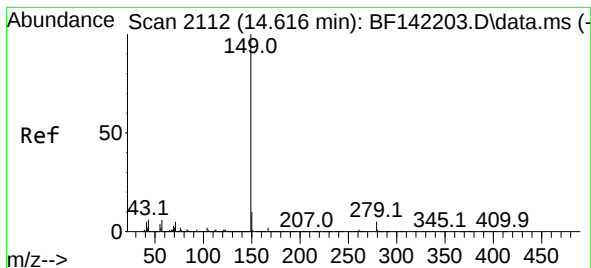
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.4

279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 53.361 ng

RT: 14.615 min Scan# 2112

Delta R.T. -0.001 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

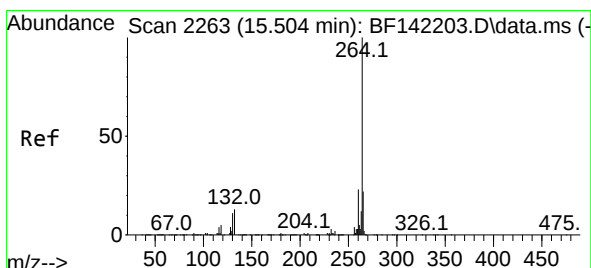
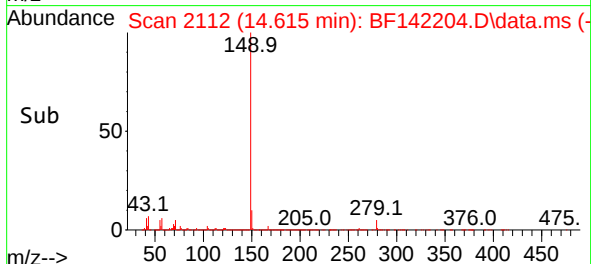
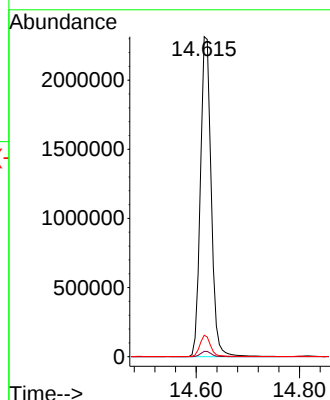
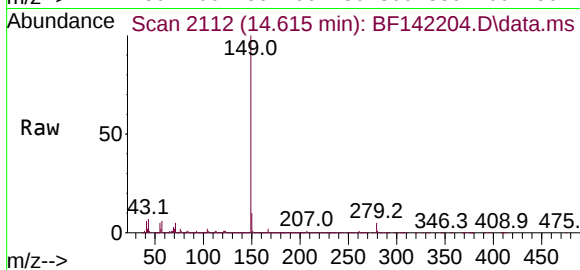
Tgt Ion:149 Resp: 3347714

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: BF142204.D

Acq: 21 Apr 2025 13:33

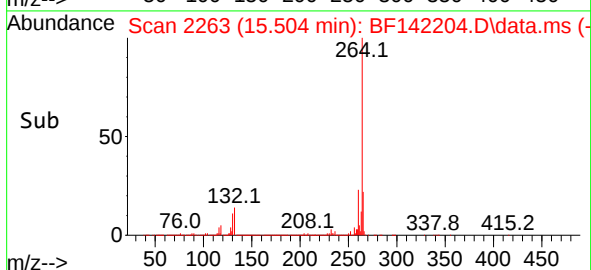
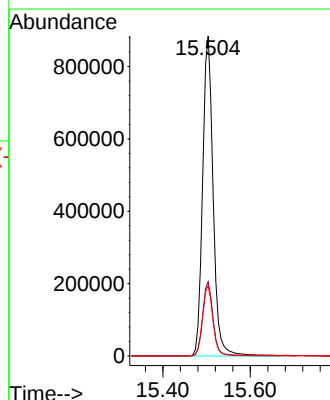
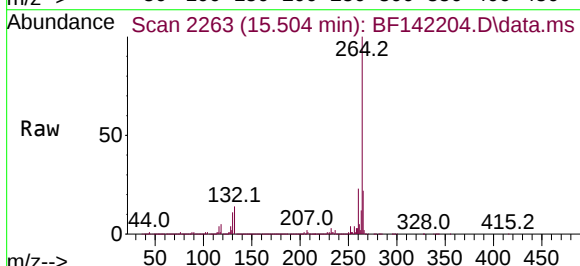
Tgt Ion:264 Resp: 1484280

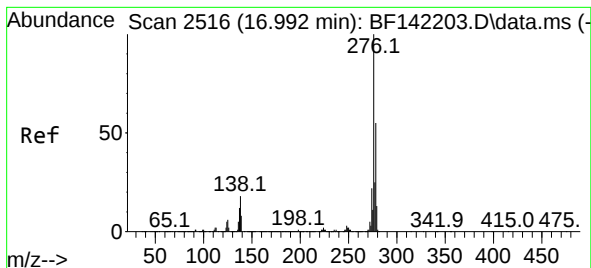
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.364 ng

RT: 16.992 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

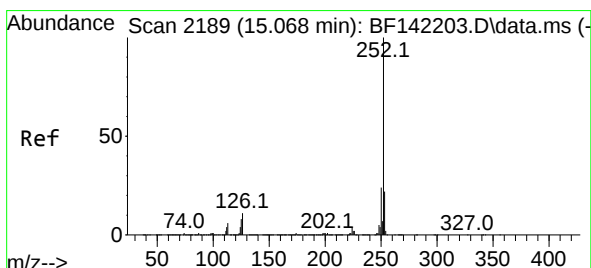
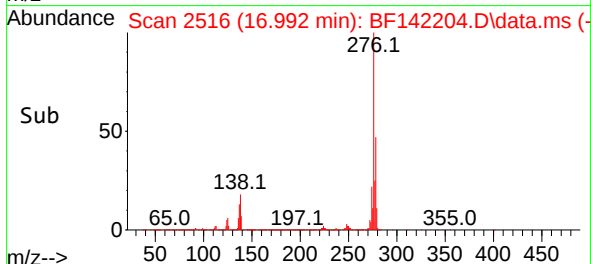
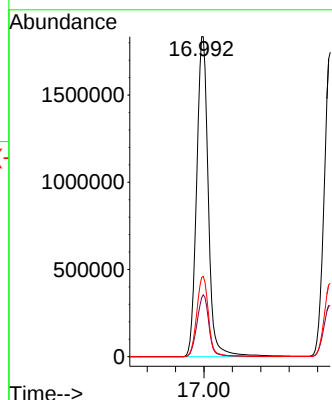
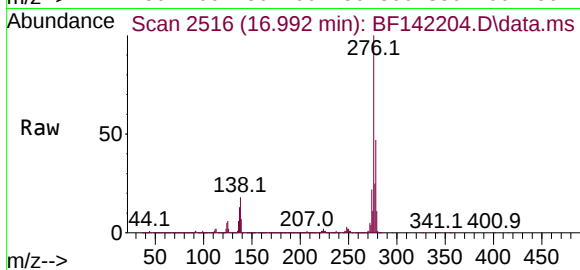
Tgt Ion:276 Resp: 5244836

Ion Ratio Lower Upper

276 100

138 19.7 15.1 22.7

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 50.731 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

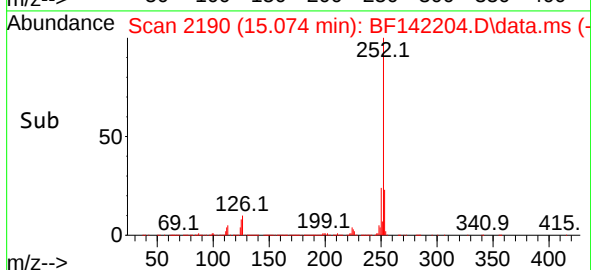
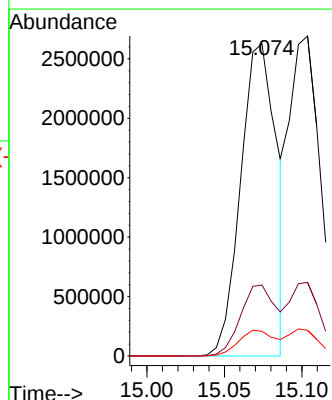
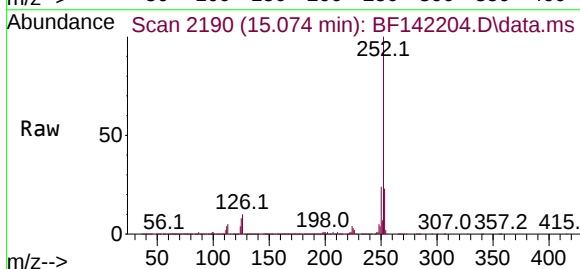
Tgt Ion:252 Resp: 4224463

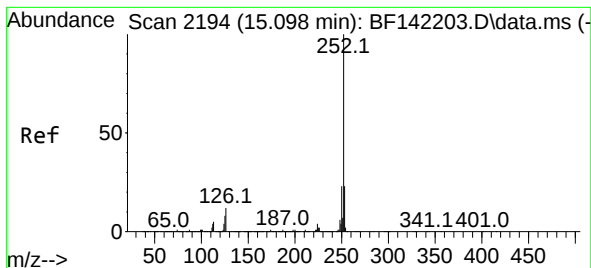
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.9 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 47.768 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

Instrument :

BNA_F

ClientSampleId :

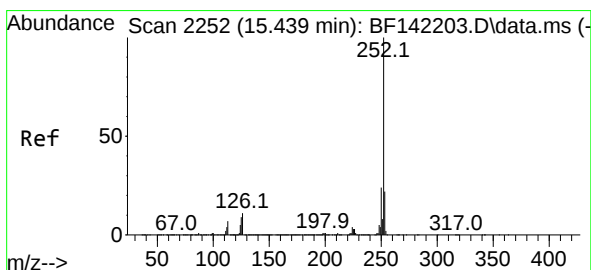
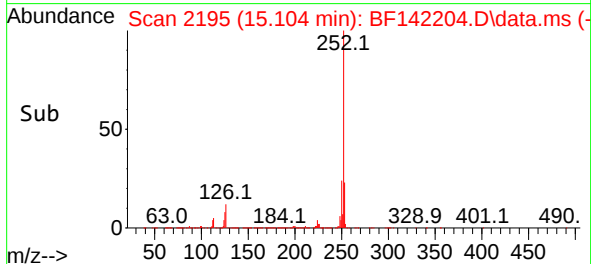
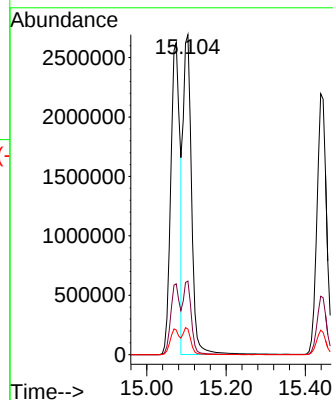
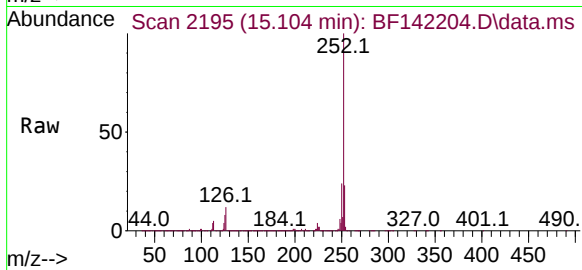
Tgt Ion:252 Resp: 3934065

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

125 8.0 6.6 10.0



#90

Benzo(a)pyrene

Concen: 49.882 ng

RT: 15.439 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF142204.D

Acq: 21 Apr 2025 13:33

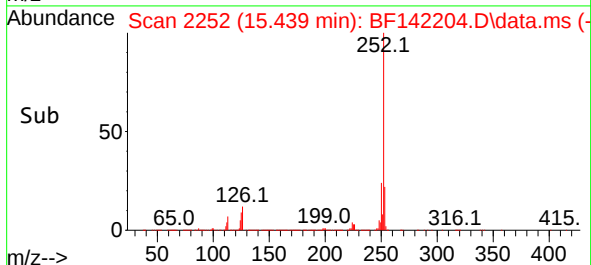
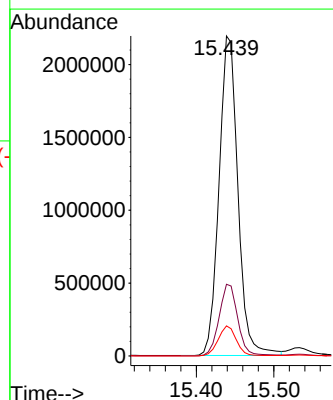
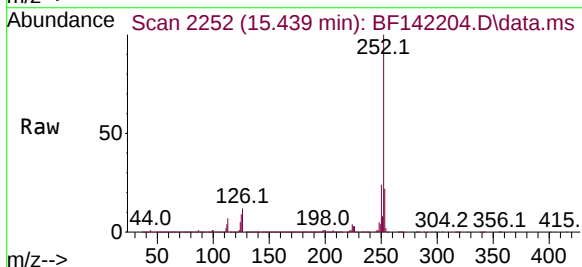
Tgt Ion:252 Resp: 3717391

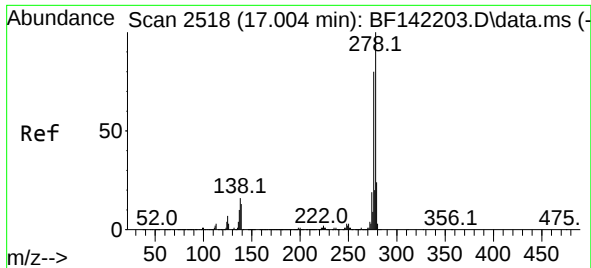
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.4 7.1 10.7

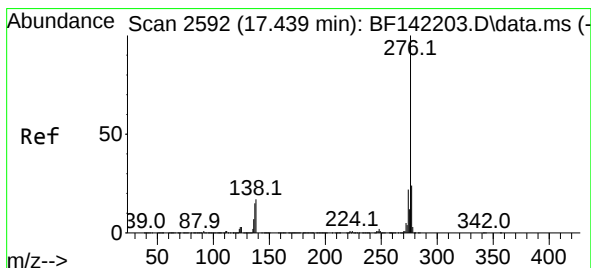
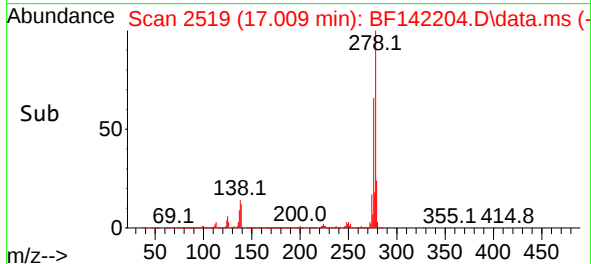
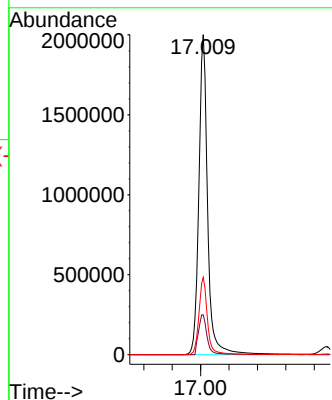
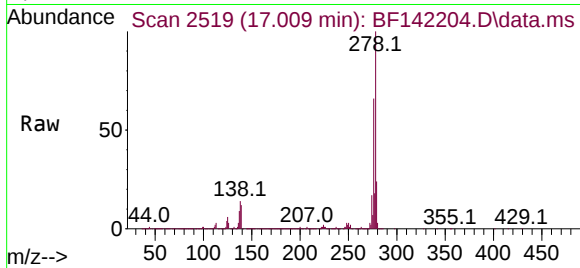




#91
 Dibenzo(a,h)anthracene
 Concen: 50.568 ng
 RT: 17.009 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:278 Resp: 4295766
 Ion Ratio Lower Upper
 278 100
 139 12.5 10.2 15.4
 279 24.2 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 50.379 ng
 RT: 17.445 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BF142204.D
 Acq: 21 Apr 2025 13:33

Tgt Ion:276 Resp: 4457551
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.2 28.8
 138 16.6 13.4 20.2

