

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142243.D
 Acq On : 30 Apr 2025 13:17
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:43:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	180007	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	706244	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	370869	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	616408	20.000	ng	0.00
76) Chrysene-d12	14.074	240	331192	20.000	ng	0.00
86) Perylene-d12	15.568	264	328405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	946150	83.944	ng	0.00
7) Phenol-d6	6.528	99	1146926	84.267	ng	0.00
23) Nitrobenzene-d5	7.475	82	961009	89.396	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	302223	89.389	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2089707	79.446	ng	0.00
79) Terphenyl-d14	13.022	244	1962470	86.181	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	213029	42.319	ng	100
3) Pyridine	3.463	79	547989	41.886	ng	100
4) n-Nitrosodimethylamine	3.410	42	290357	42.887	ng	100
6) Aniline	6.569	93	808338	41.959	ng	100
8) 2-Chlorophenol	6.693	128	496290	42.612	ng	100
9) Benzaldehyde	6.457	77	402047	42.263	ng	100
10) Phenol	6.540	94	617257	42.128	ng	100
11) bis(2-Chloroethyl)ether	6.646	93	474404	41.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	551813	41.881	ng	100
13) 1,4-Dichlorobenzene	6.928	146	556691	41.937	ng	100
14) 1,2-Dichlorobenzene	7.081	146	530895	41.892	ng	100
15) Benzyl Alcohol	7.046	79	413830	42.870	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.187	45	858875	41.888	ng	100
17) 2-Methylphenol	7.151	107	403467	42.287	ng	100
18) Hexachloroethane	7.428	117	183881	42.322	ng	100
19) n-Nitroso-di-n-propyla...	7.322	70	348288	41.410	ng	100
20) 3+4-Methylphenols	7.304	107	503856	42.229	ng	100
22) Acetophenone	7.316	105	660959	40.454	ng	100
24) Nitrobenzene	7.493	77	463357	43.929	ng	100
25) Isophorone	7.728	82	931763	41.299	ng	100
26) 2-Nitrophenol	7.804	139	162563	38.737	ng	100
27) 2,4-Dimethylphenol	7.834	122	476186	41.862	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	586887	41.247	ng	100
29) 2,4-Dichlorophenol	8.040	162	410487	43.163	ng	100
30) 1,2,4-Trichlorobenzene	8.134	180	440825	41.539	ng	100
31) Naphthalene	8.216	128	1441240	40.920	ng	100
32) Benzoic acid	7.934	122	165320	34.389	ng	100
33) 4-Chloroaniline	8.257	127	606136	41.328	ng	100
34) Hexachlorobutadiene	8.334	225	260821	42.125	ng	100
35) Caprolactam	8.622	113	122598	42.889	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	417126	42.715	ng	100
37) 2-Methylnaphthalene	8.904	142	880315	40.652	ng	100
38) 1-Methylnaphthalene	9.004	142	920983	41.054	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	427286	40.938	ng	100
41) Hexachlorocyclopentadiene	9.057	237	260979	44.056	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	274555	42.450	ng	100

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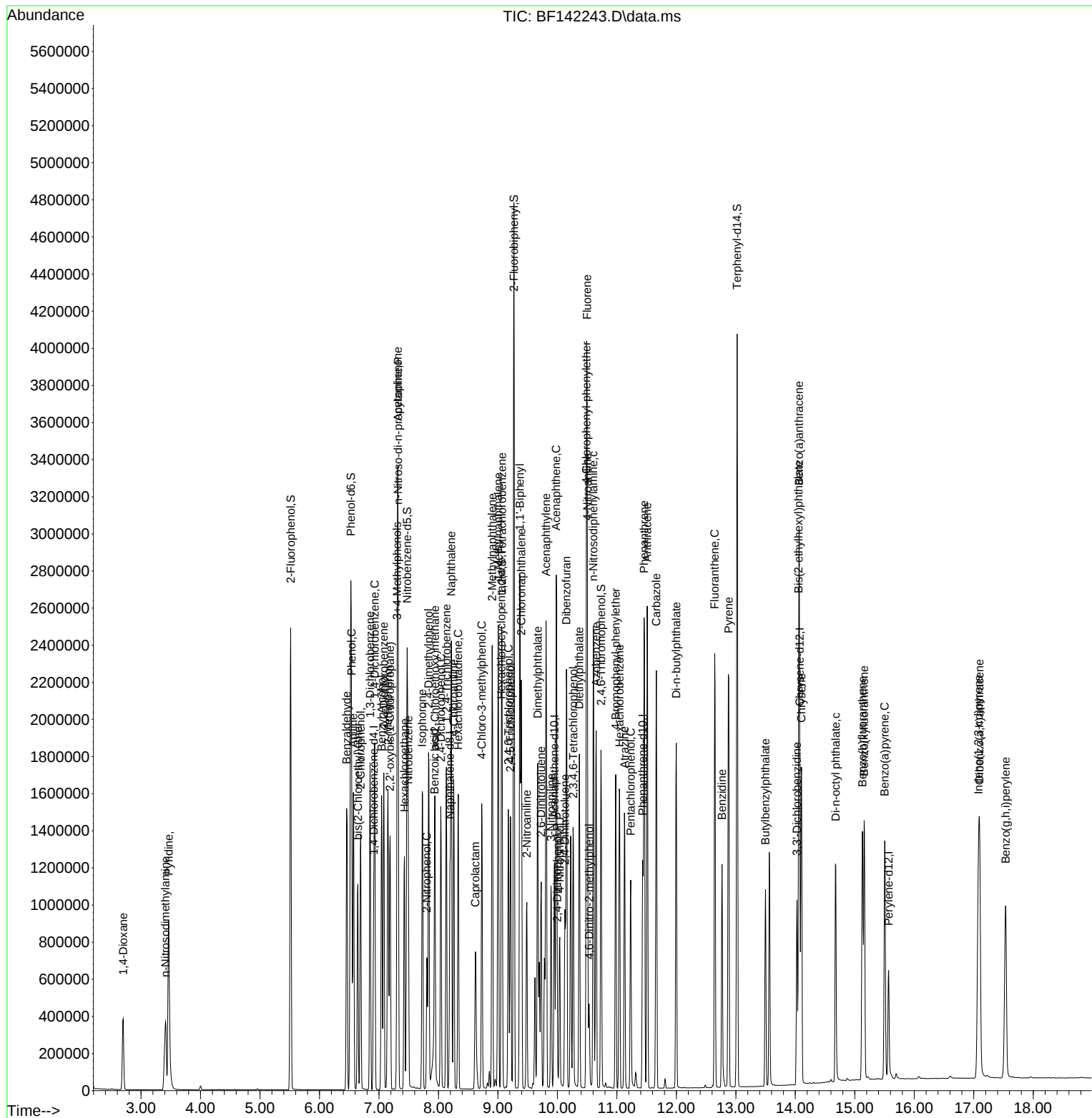
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	299967	44.113	ng	100
46) 1,1'-Biphenyl	9.369	154	1172400	40.664	ng	100
47) 2-Chloronaphthalene	9.392	162	879152	40.984	ng	100
48) 2-Nitroaniline	9.487	65	218766	39.600	ng	100
49) Acenaphthylene	9.810	152	1481543	40.929	ng	100
50) Dimethylphthalate	9.669	163	980172	41.312	ng	100
51) 2,6-Dinitrotoluene	9.728	165	178867	40.034	ng	100
52) Acenaphthene	9.981	154	869604	41.145	ng	100
53) 3-Nitroaniline	9.892	138	221168	40.485	ng	100
54) 2,4-Dinitrophenol	9.998	184	42260	38.466	ng	100
55) Dibenzofuran	10.151	168	1293035	40.813	ng	100
56) 4-Nitrophenol	10.039	139	159989	42.900	ng	100
57) 2,4-Dinitrotoluene	10.128	165	211218	39.352	ng	100
58) Fluorene	10.498	166	976948	40.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	247655	43.967	ng	100
60) Diethylphthalate	10.369	149	974036	41.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	468898	40.986	ng	100
62) 4-Nitroaniline	10.504	138	201491	40.498	ng	100
63) Azobenzene	10.651	77	948440	40.994	ng	100
65) 4,6-Dinitro-2-methylph...	10.534	198	67678	36.574	ng	100
66) n-Nitrosodiphenylamine	10.604	169	877338	41.656	ng	100
67) 4-Bromophenyl-phenylether	10.981	248	291063	42.400	ng	100
68) Hexachlorobenzene	11.045	284	321448	41.809	ng	100
69) Atrazine	11.128	200	234825	42.299	ng	100
70) Pentachlorophenol	11.233	266	177755	43.764	ng	100
71) Phenanthrene	11.457	178	1371009	41.176	ng	100
72) Anthracene	11.510	178	1390308	40.840	ng	100
73) Carbazole	11.663	167	1273184	40.999	ng	100
74) Di-n-butylphthalate	11.998	149	1317363	42.180	ng	100
75) Fluoranthene	12.645	202	1338006	40.652	ng	100
77) Benzidine	12.769	184	638142	45.346	ng	100
78) Pyrene	12.880	202	1341800	43.920	ng	100
80) Butylbenzylphthalate	13.498	149	334175	40.624	ng	100
81) Benzo(a)anthracene	14.063	228	952290	42.831	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	292958	44.859	ng	100
83) Chrysene	14.104	228	816041	40.321	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	460074	40.356	ng	100
85) Di-n-octyl phthalate	14.680	149	836078	40.504	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1059591	44.049	ng	100
88) Benzo(b)fluoranthene	15.127	252	854971	41.912	ng	100
89) Benzo(k)fluoranthene	15.157	252	752135	40.310	ng	100
90) Benzo(a)pyrene	15.504	252	790330	42.318	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	861783	44.142	ng	100
92) Benzo(g,h,i)perylene	17.539	276	858804	43.758	ng	100

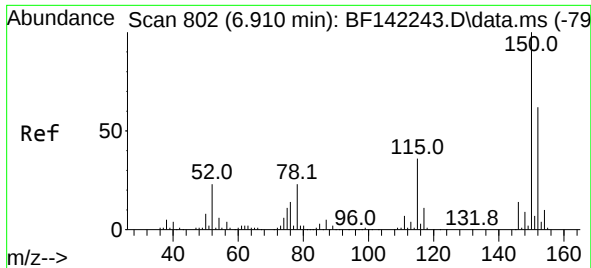
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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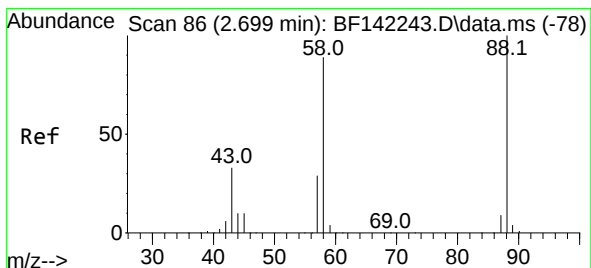
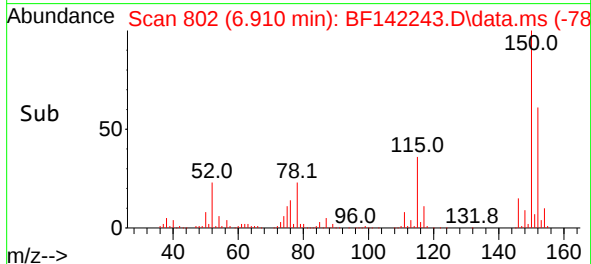
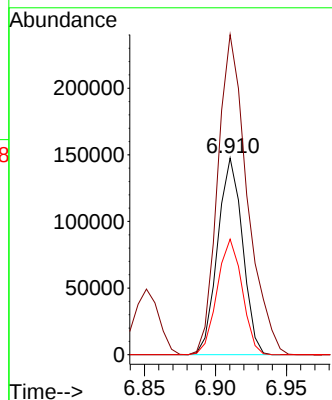
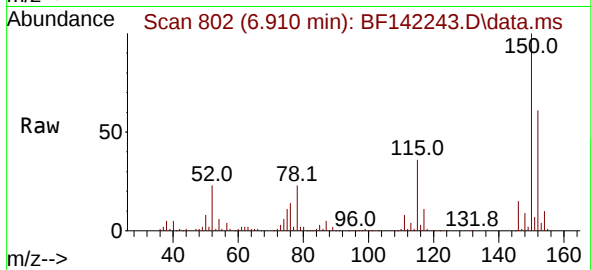




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142243.D
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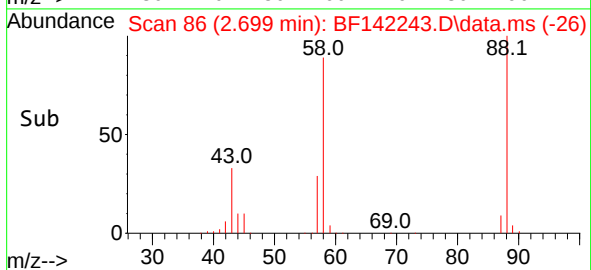
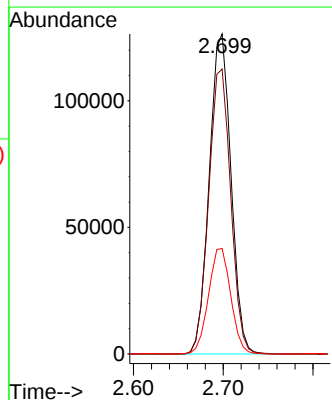
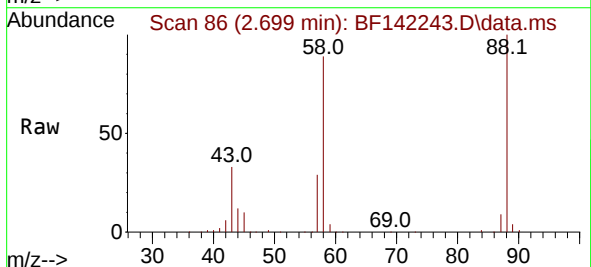
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 BNA_F
 ClientSampleId :

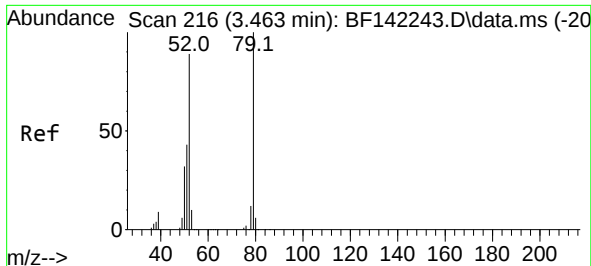
Tgt Ion:152 Resp: 180007
 Ion Ratio Lower Upper
 152 100
 150 162.7 130.2 195.2
 115 58.7 47.0 70.4



#2
 1,4-Dioxane
 Concen: 42.319 ng
 RT: 2.699 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

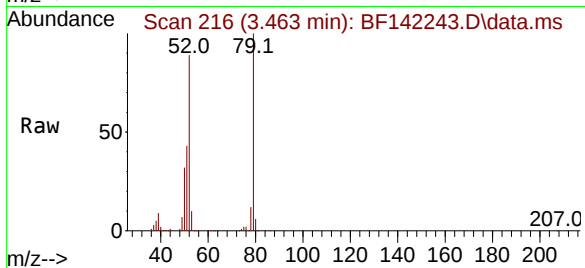
Tgt Ion: 88 Resp: 213029
 Ion Ratio Lower Upper
 88 100
 58 90.2 72.2 108.2
 43 33.8 27.0 40.6





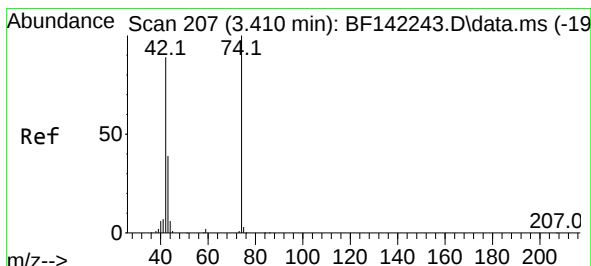
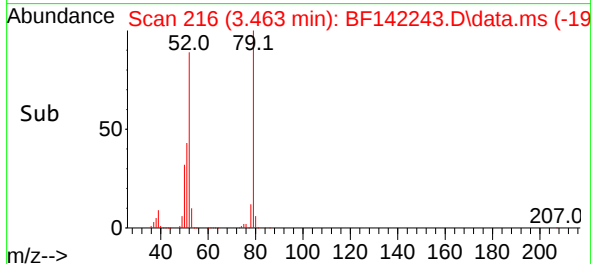
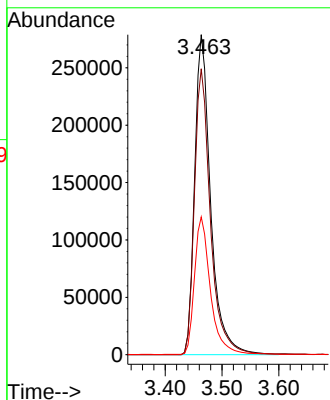
#3
 Pyridine
 Concen: 41.886 ng
 RT: 3.463 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 547989

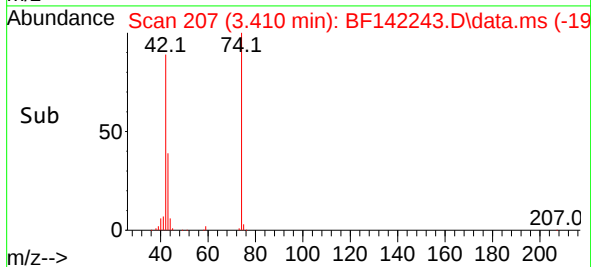
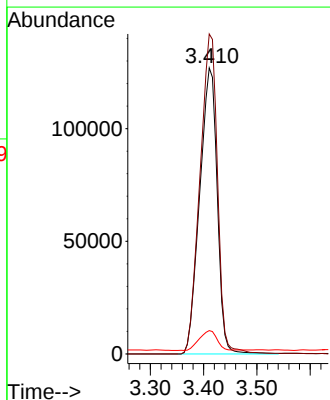
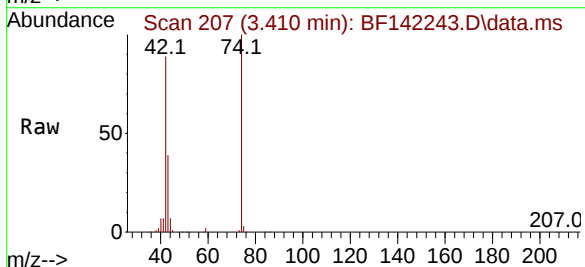
Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	43.1	34.5	51.7

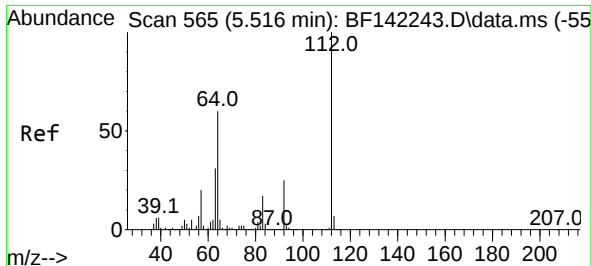


#4
 n-Nitrosodimethylamine
 Concen: 42.887 ng
 RT: 3.410 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

Tgt Ion: 42 Resp: 290357

Ion	Ratio	Lower	Upper
42	100		
74	111.9	89.5	134.3
44	8.2	6.6	9.8

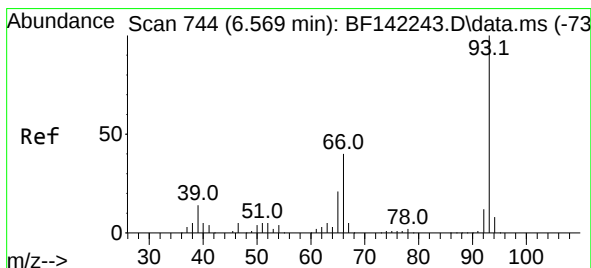
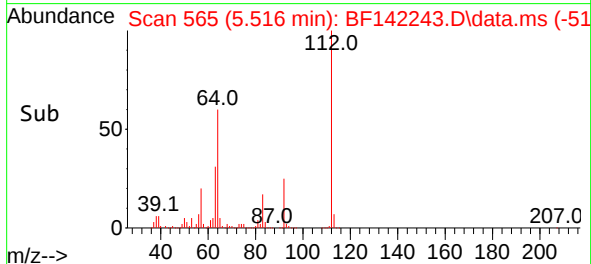
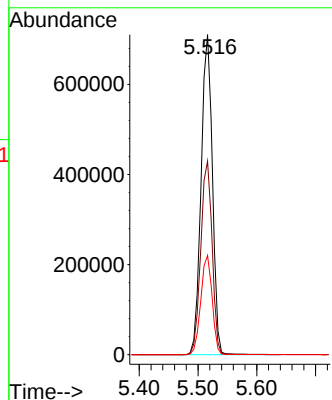
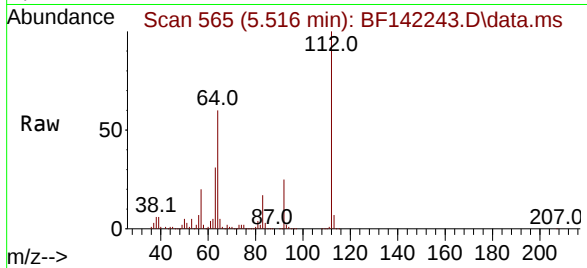




#5
2-Fluorophenol
Concen: 83.944 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF142243.D
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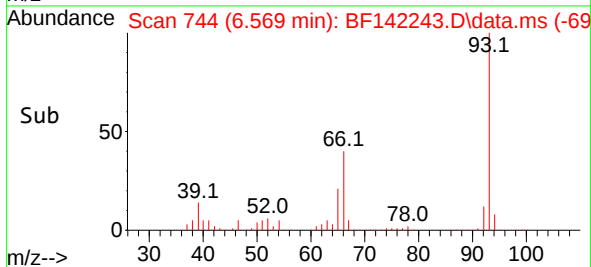
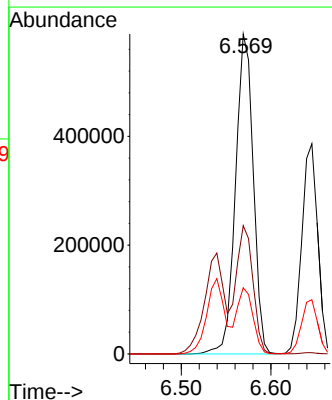
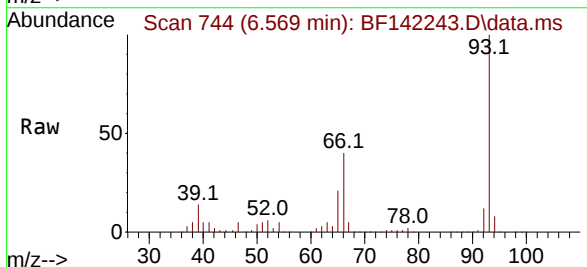
Instrument :
BNA_F
ClientSampleId :

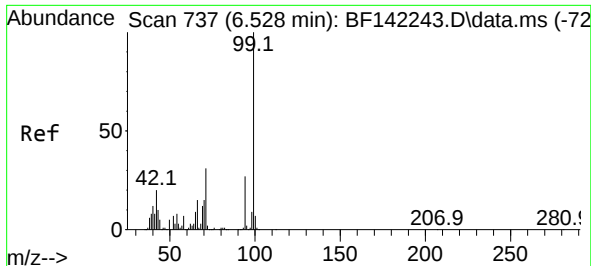
Tgt Ion:112 Resp: 946150
Ion Ratio Lower Upper
112 100
64 60.5 48.4 72.6
63 31.0 24.8 37.2



#6
Aniline
Concen: 41.959 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion: 93 Resp: 808338
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.7 16.6 24.8





#7

Phenol-d6

Concen: 84.267 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF142243.D

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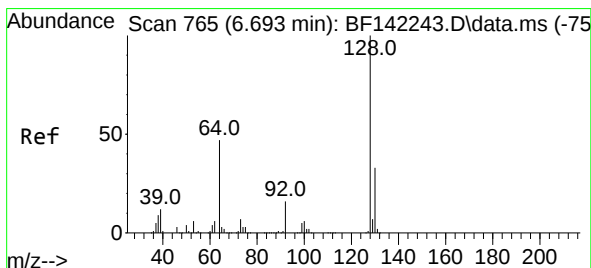
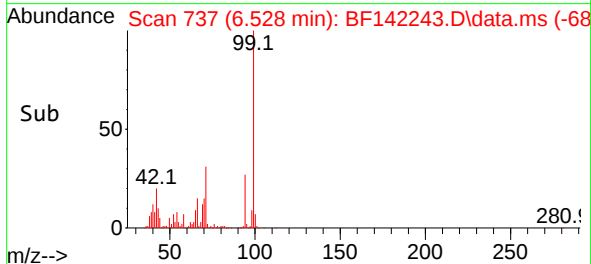
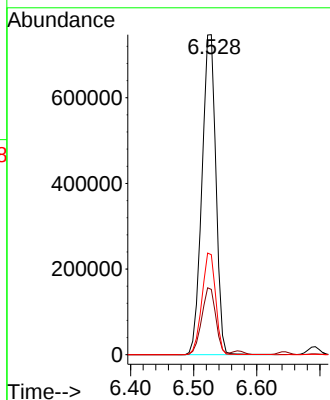
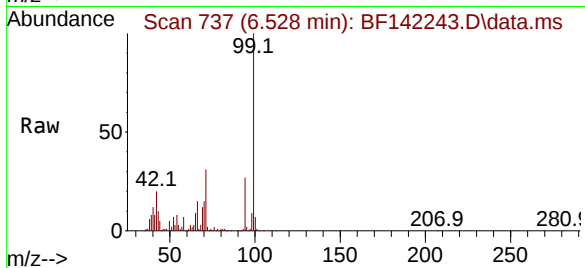
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 1146926

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.3	24.5
71	31.2	25.0	37.4



#8

2-Chlorophenol

Concen: 42.612 ng

RT: 6.693 min Scan# 765

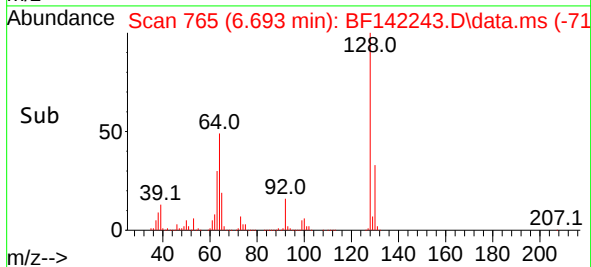
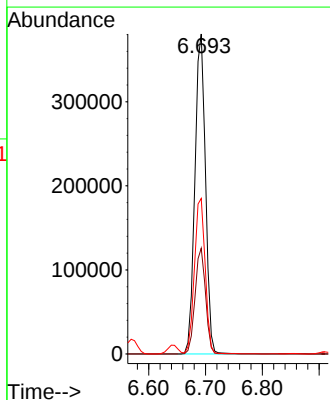
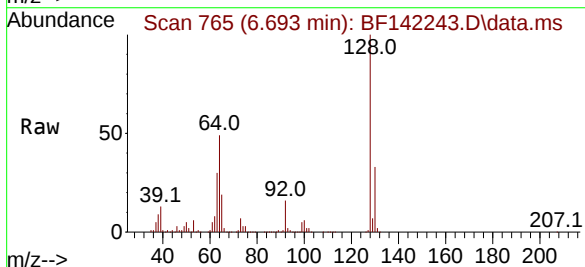
Delta R.T. 0.000 min

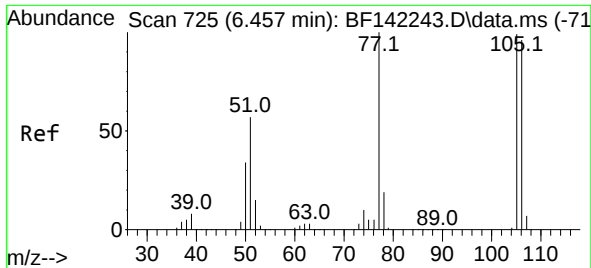
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion: 128 Resp: 496290

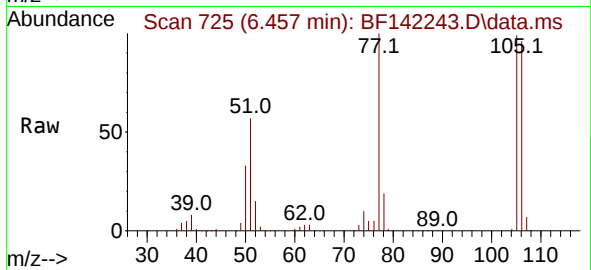
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	48.6	28.6	68.6



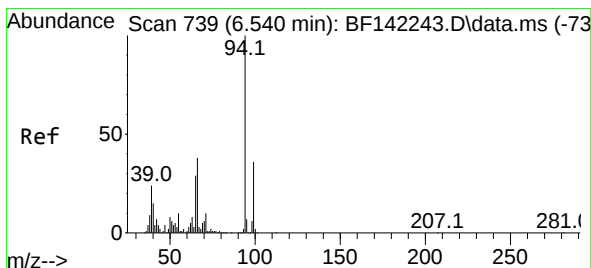
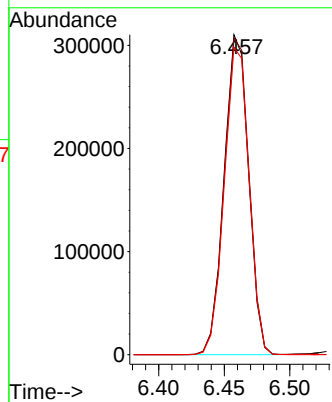
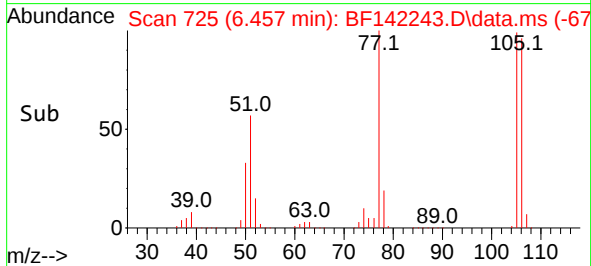


#9
Benzaldehyde
Concen: 42.263 ng
RT: 6.457 min Scan# 725
Delta R.T. 0.000 min
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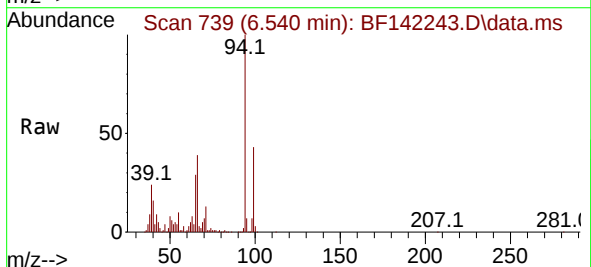
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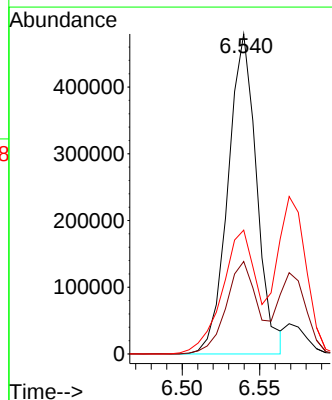
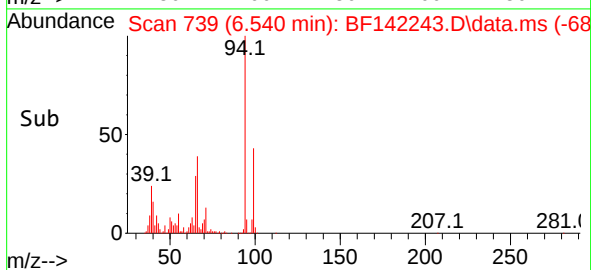
Tgt Ion: 77 Resp: 402047
Ion Ratio Lower Upper
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105 99.1 79.1 119.1
106 96.0 76.0 116.0

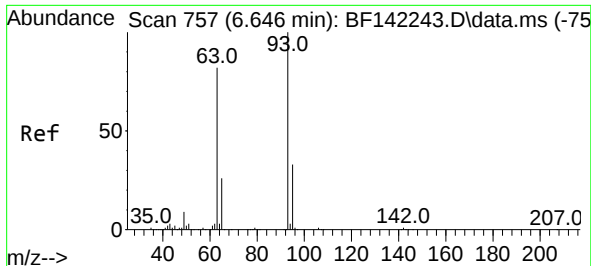


#10
Phenol
Concen: 42.128 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



Tgt Ion: 94 Resp: 617257
Ion Ratio Lower Upper
94 100
65 28.9 8.9 48.9
66 38.7 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 41.780 ng

RT: 6.646 min Scan# 757

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

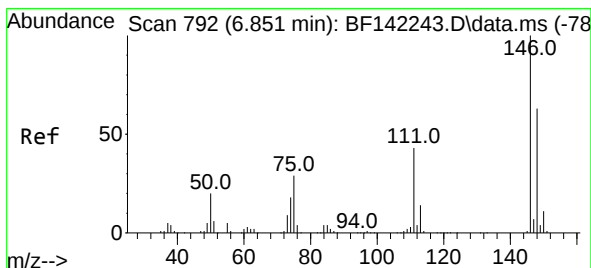
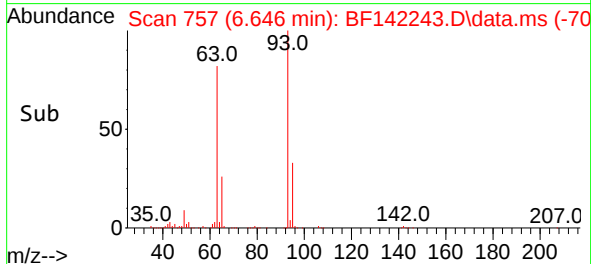
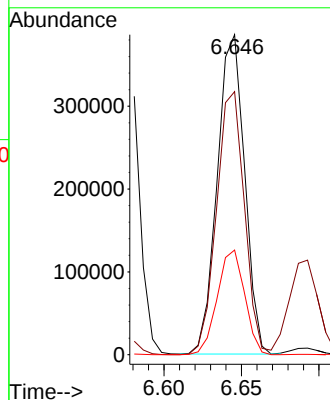
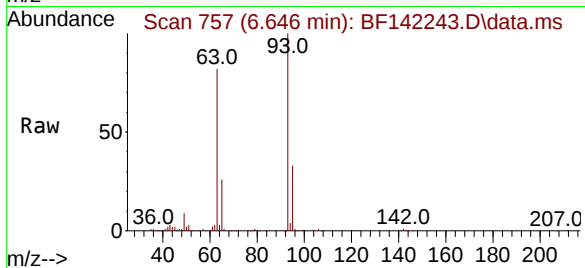
Tgt Ion: 93 Resp: 474404

Ion Ratio Lower Upper

93 100

63 82.2 62.2 102.2

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.881 ng

RT: 6.851 min Scan# 792

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

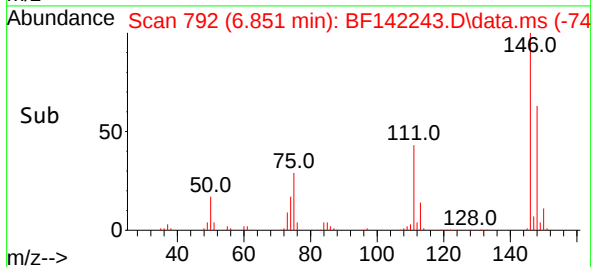
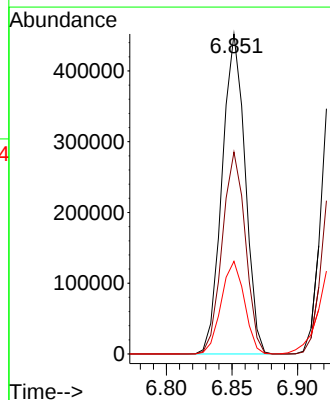
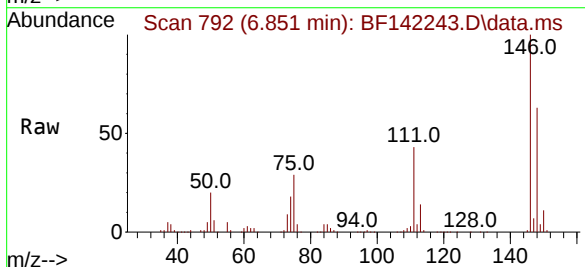
Tgt Ion:146 Resp: 551813

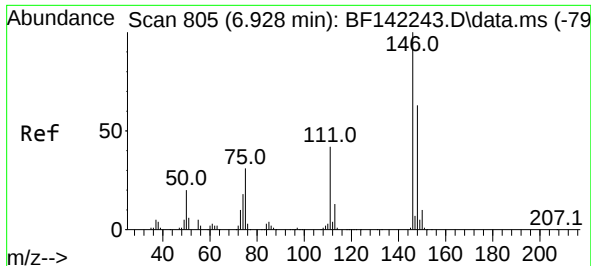
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

75 29.0 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 41.937 ng

RT: 6.928 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

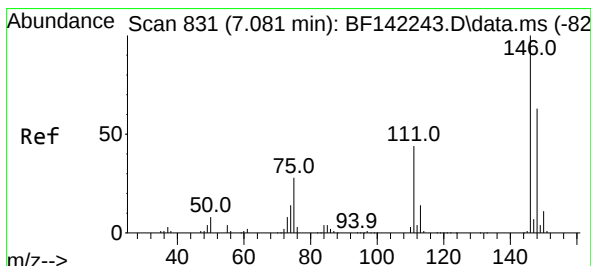
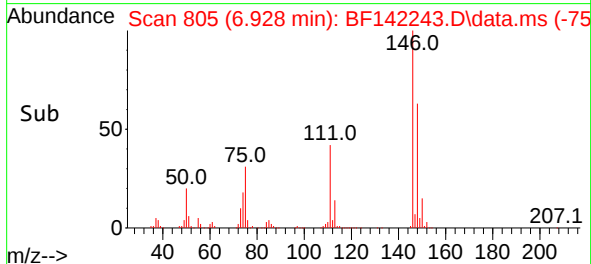
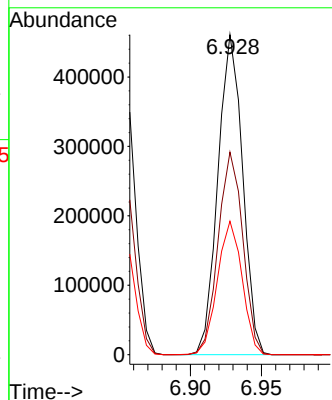
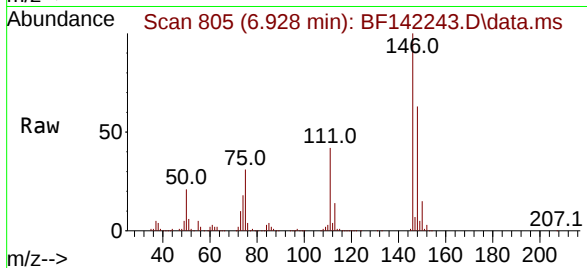
Tgt Ion:146 Resp: 556691

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

111 41.7 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 41.892 ng

RT: 7.081 min Scan# 831

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

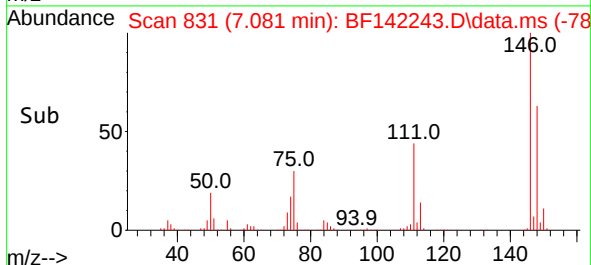
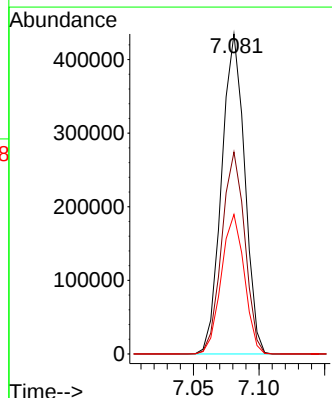
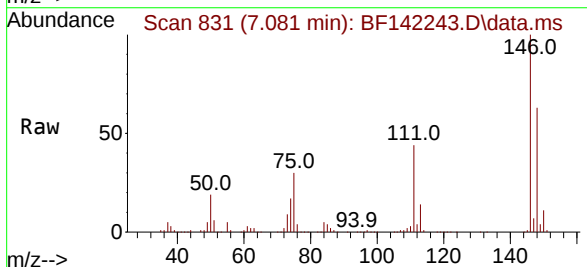
Tgt Ion:146 Resp: 530895

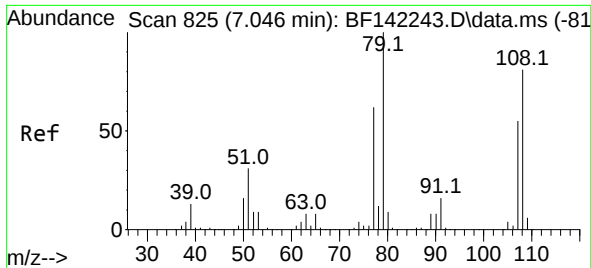
Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

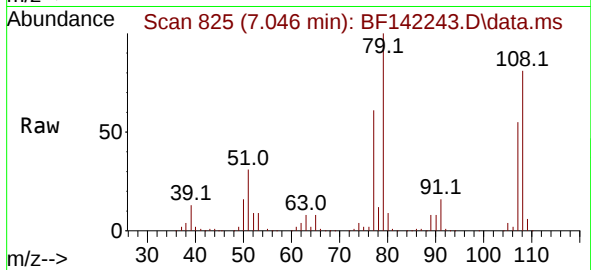
111 43.6 34.9 52.3



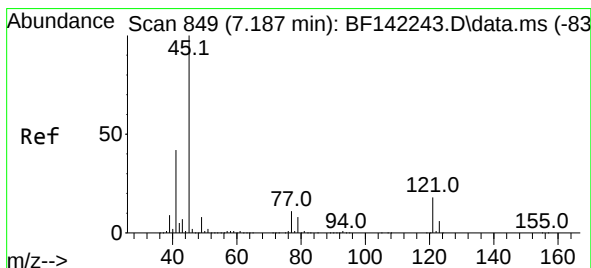
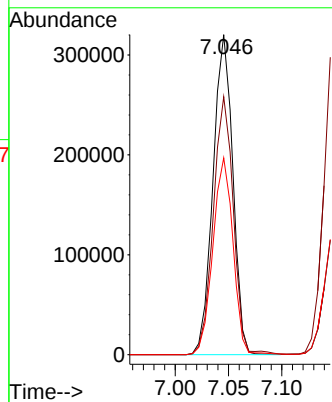
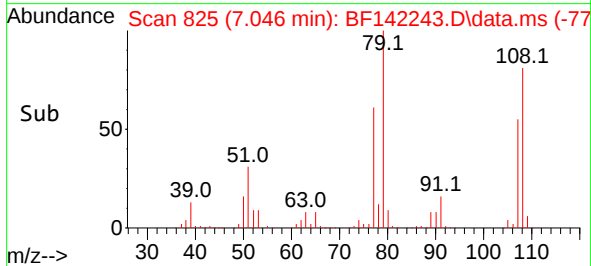


#15
Benzyl Alcohol
Concen: 42.870 ng
RT: 7.046 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

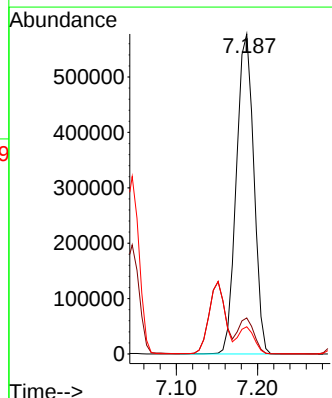
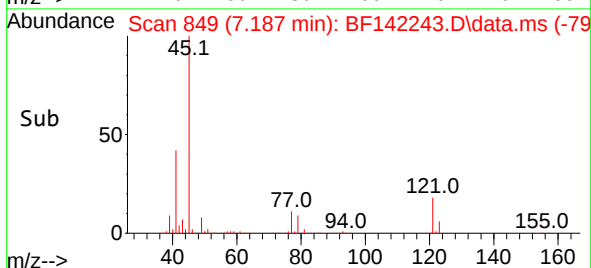
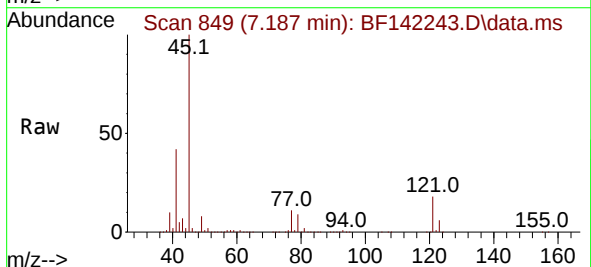


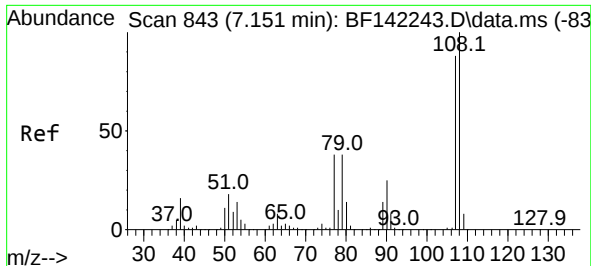
Tgt Ion: 79 Resp: 413830
Ion Ratio Lower Upper
79 100
108 80.6 64.5 96.7
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.888 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

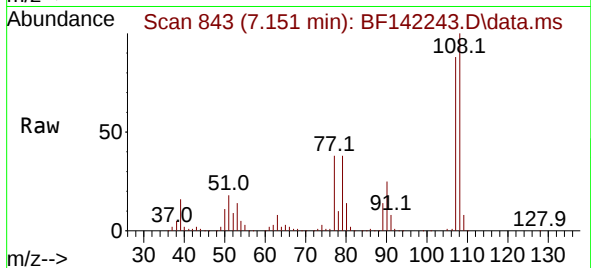
Tgt Ion: 45 Resp: 858875
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.3
79 8.5 0.0 28.5



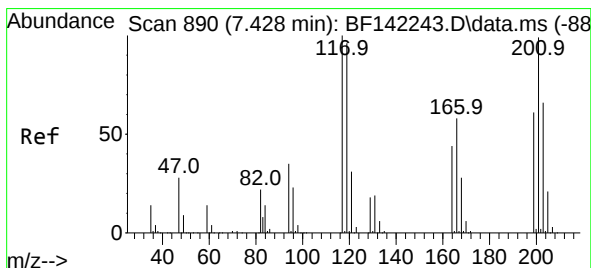
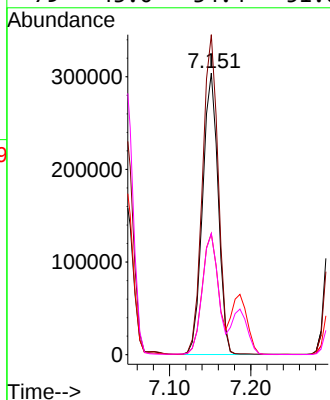
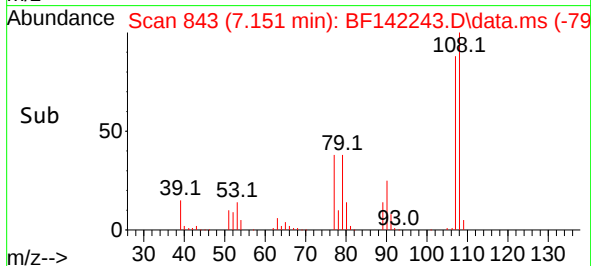


#17
2-Methylphenol
Concen: 42.287 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

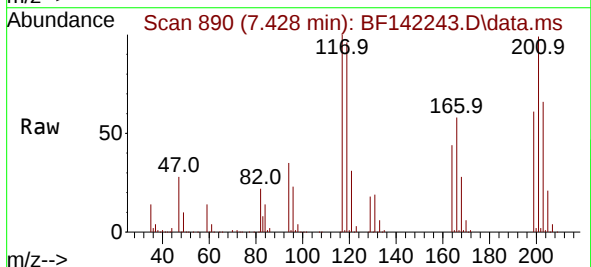
Instrument :
BNA_F
ClientSampleId :



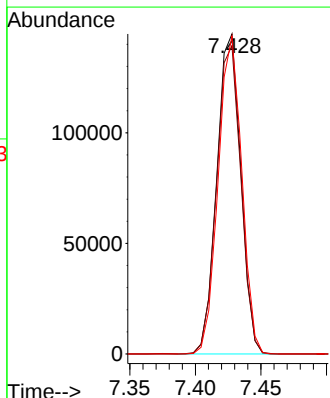
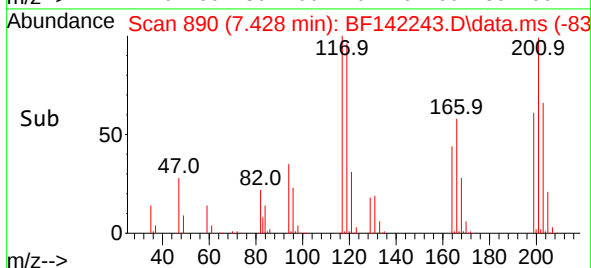
Tgt Ion:	107	Resp:	403467
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.0	34.4	51.6
79	43.0	34.4	51.6

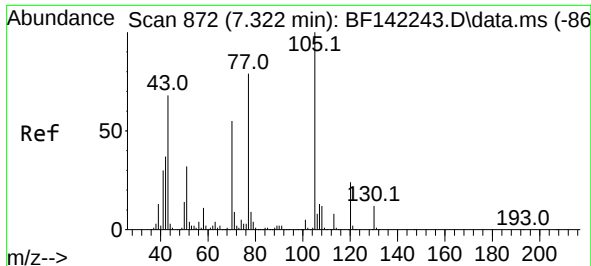


#18
Hexachloroethane
Concen: 42.322 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



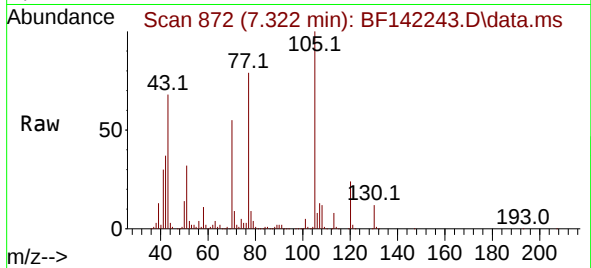
Tgt Ion:	117	Resp:	183881
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.1	115.7
201	99.3	79.4	119.2



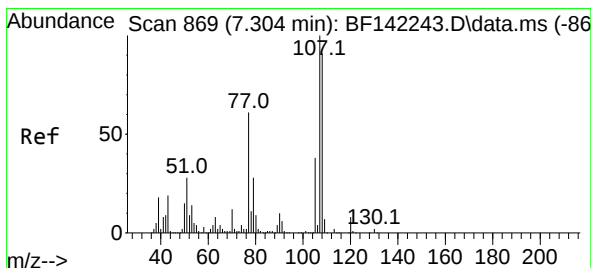
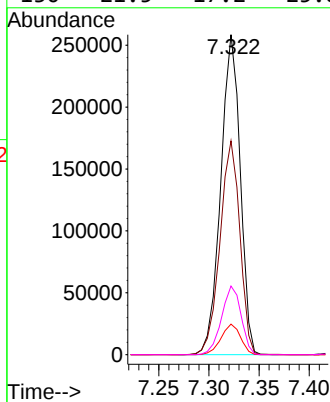
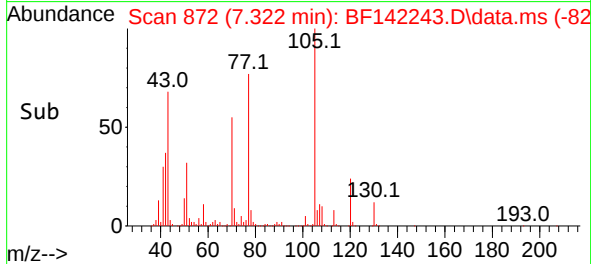


#19
n-Nitroso-di-n-propylamine
Concen: 41.410 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

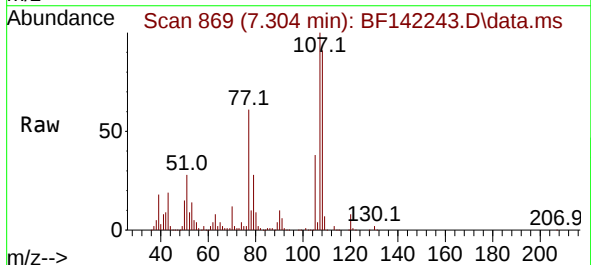
Instrument :
BNA_F
ClientSampleId :



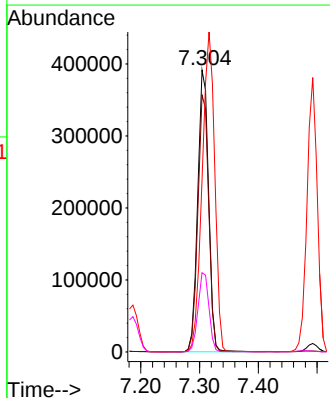
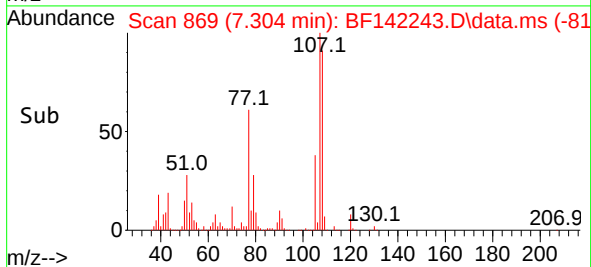
Tgt Ion: 70 Resp: 348288
Ion Ratio Lower Upper
70 100
42 66.8 53.4 80.2
101 9.6 7.7 11.5
130 21.5 17.2 25.8

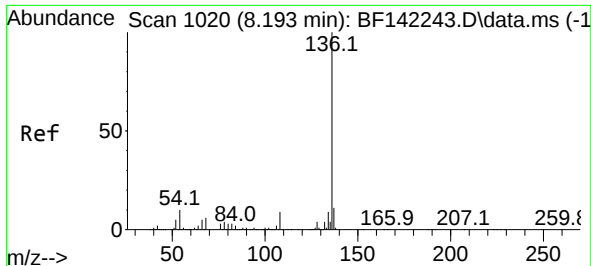


#20
3+4-Methylphenols
Concen: 42.229 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



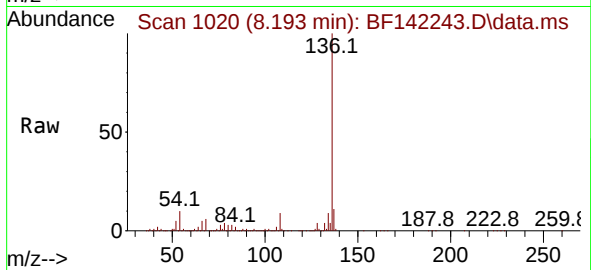
Tgt Ion: 107 Resp: 503856
Ion Ratio Lower Upper
107 100
108 91.2 71.2 111.2
77 61.1 41.1 81.1
79 28.1 8.1 48.1





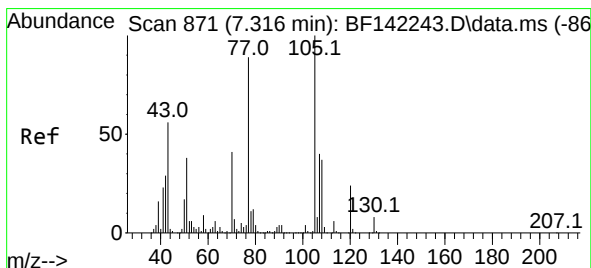
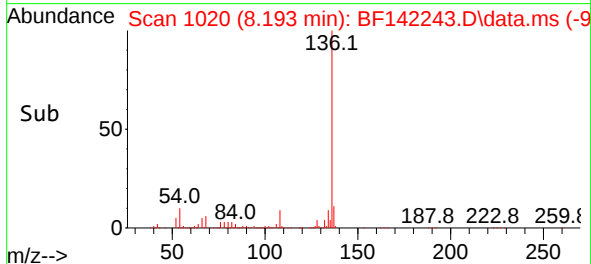
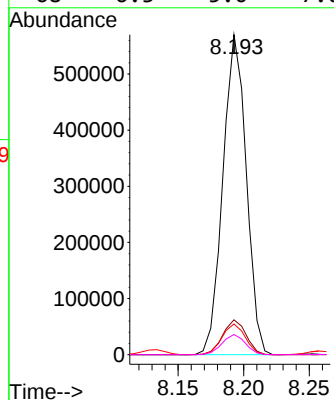
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 706244

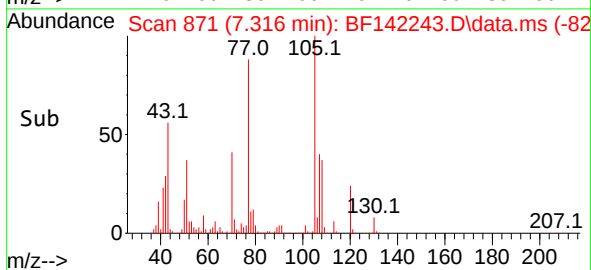
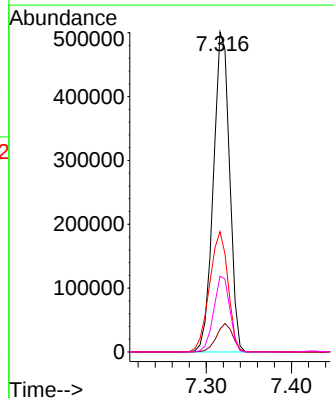
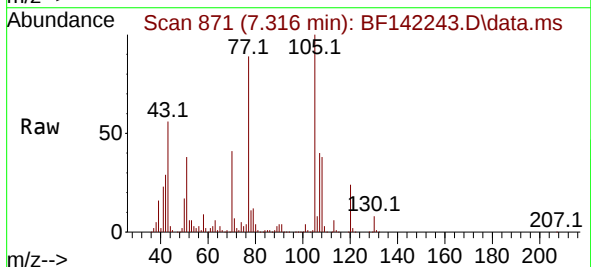
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.6	7.7	11.5
68	6.3	5.0	7.6

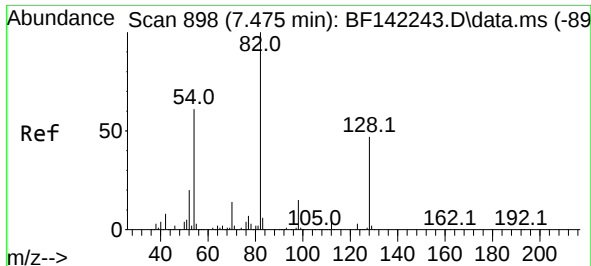


#22
Acetophenone
Concen: 40.454 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:105 Resp: 660959

Ion	Ratio	Lower	Upper
105	100		
71	7.1	5.7	8.5
51	37.6	30.1	45.1
120	23.7	19.0	28.4





#23

Nitrobenzene-d5

Concen: 89.396 ng

RT: 7.475 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

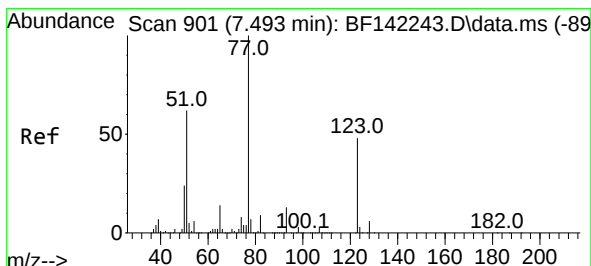
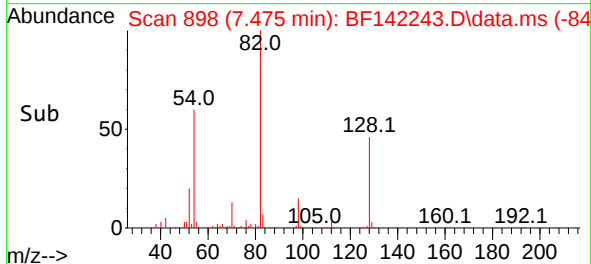
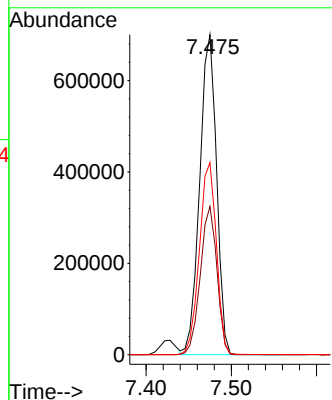
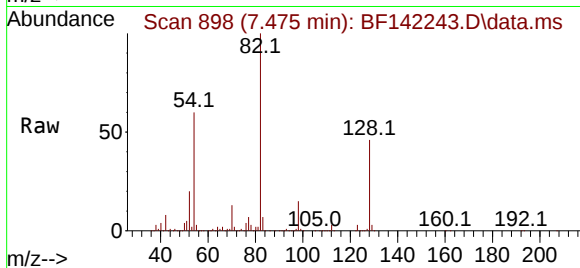
Tgt Ion: 82 Resp: 961009

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

54 60.0 48.0 72.0



#24

Nitrobenzene

Concen: 43.929 ng

RT: 7.493 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

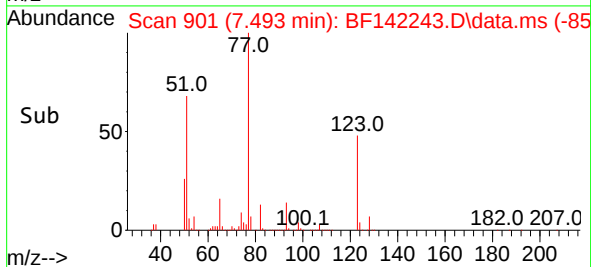
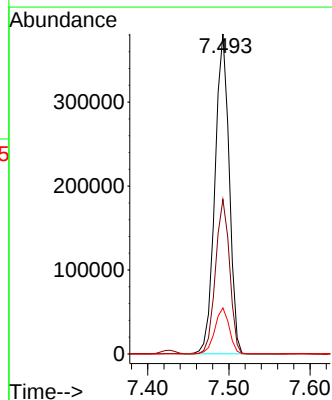
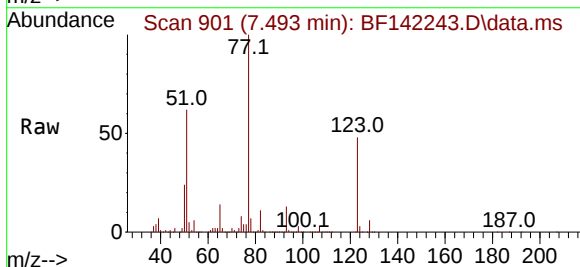
Tgt Ion: 77 Resp: 463357

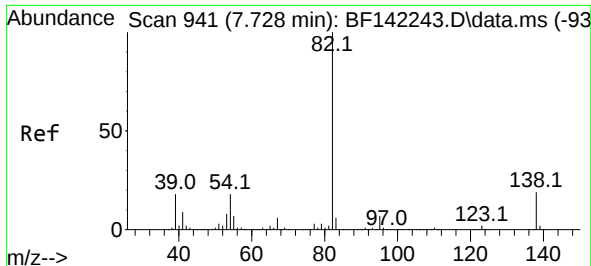
Ion Ratio Lower Upper

77 100

123 48.3 38.6 58.0

65 14.4 11.5 17.3

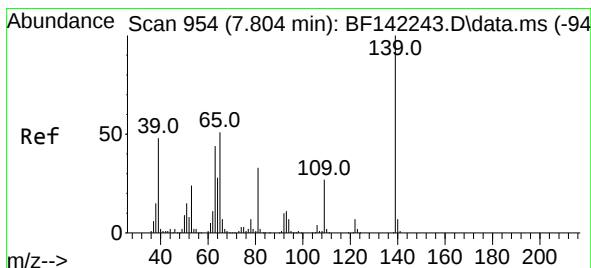
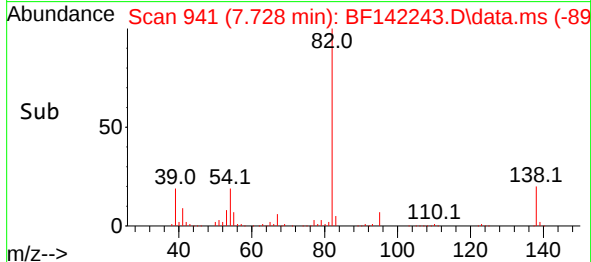
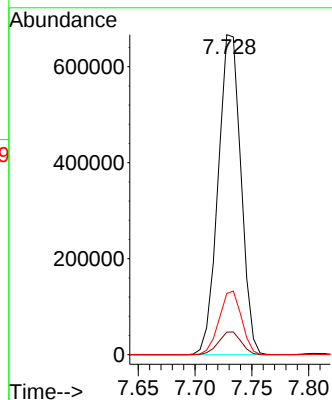
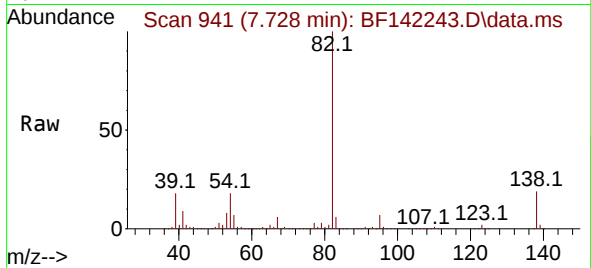




#25
Isophorone
Concen: 41.299 ng
RT: 7.728 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

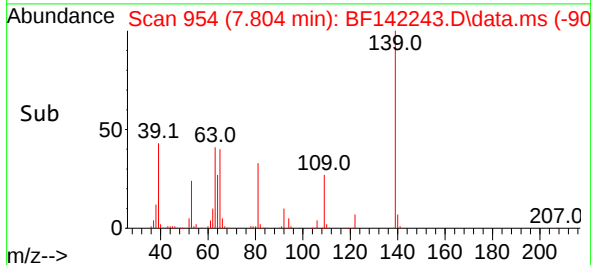
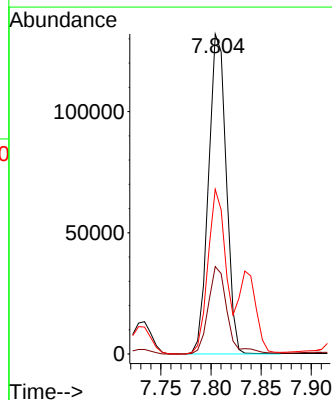
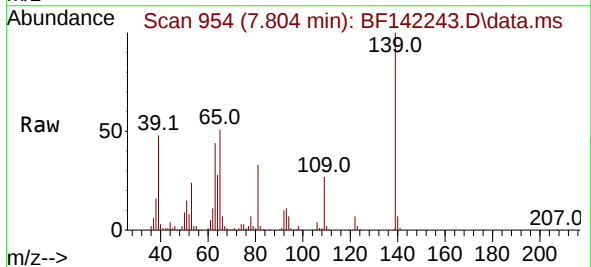
Instrument :
BNA_F
ClientSampleId :

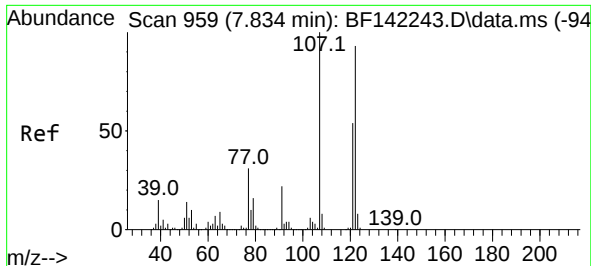
Tgt Ion: 82 Resp: 931763
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.1 15.3 22.9



#26
2-Nitrophenol
Concen: 38.737 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:139 Resp: 162563
Ion Ratio Lower Upper
139 100
109 27.3 21.8 32.8
65 51.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.862 ng

RT: 7.834 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

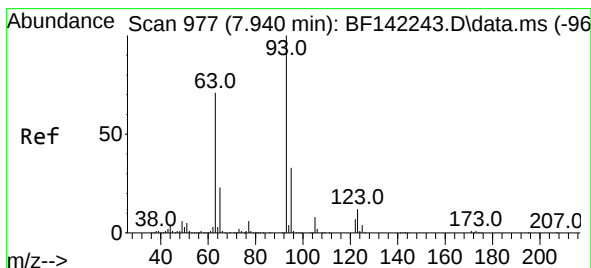
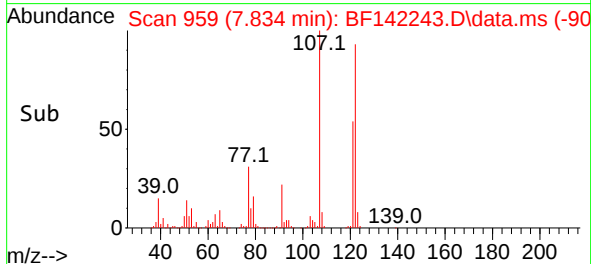
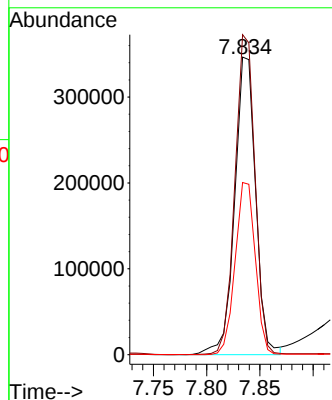
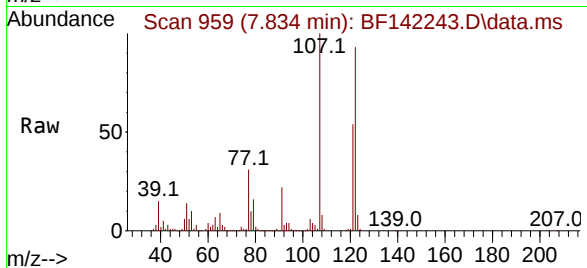
Tgt Ion:122 Resp: 476186

Ion Ratio Lower Upper

122 100

107 107.5 86.0 129.0

121 57.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.247 ng

RT: 7.940 min Scan# 977

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

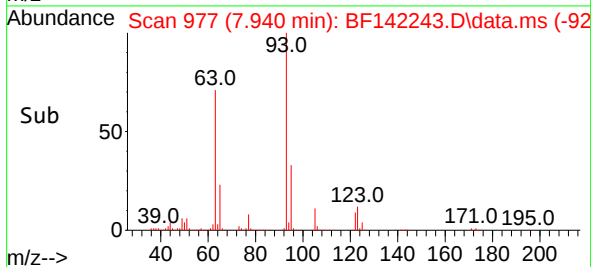
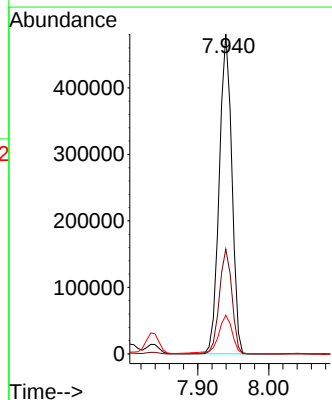
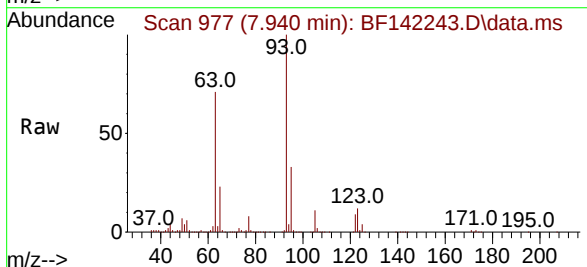
Tgt Ion: 93 Resp: 586887

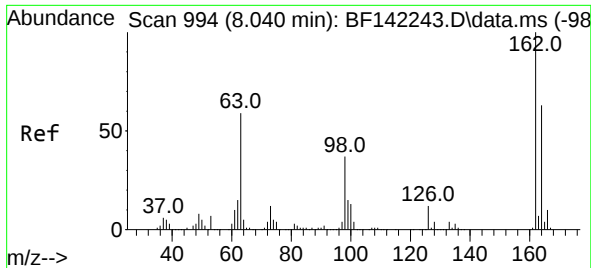
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.163 ng

RT: 8.040 min Scan# 994

Delta R.T. 0.000 min

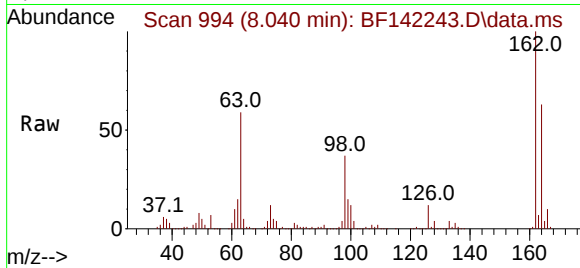
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



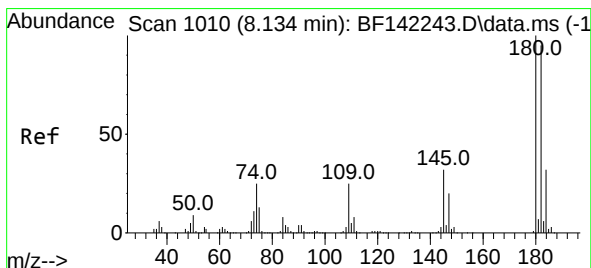
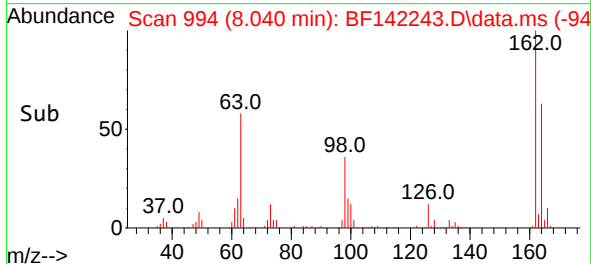
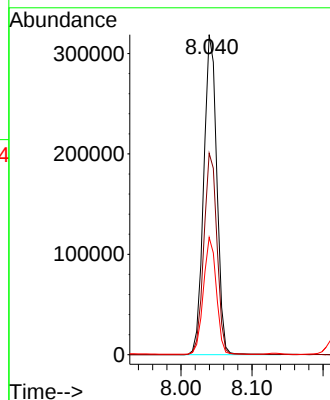
Tgt Ion:162 Resp: 410487

Ion Ratio Lower Upper

162 100

164 63.0 43.0 83.0

98 36.7 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 41.539 ng

RT: 8.134 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

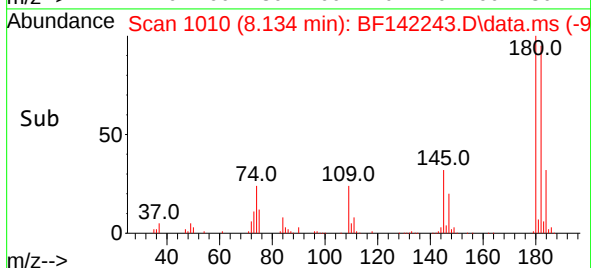
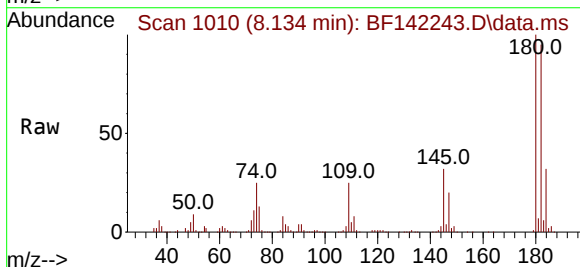
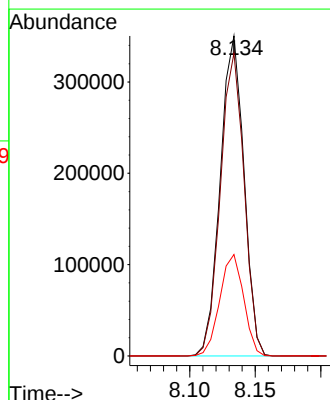
Tgt Ion:180 Resp: 440825

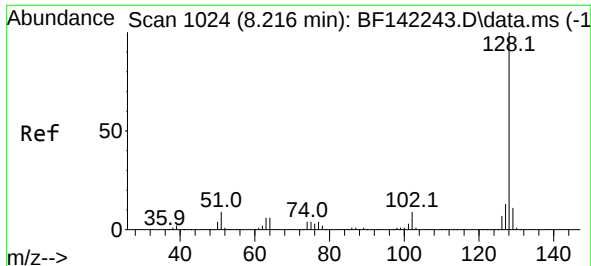
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

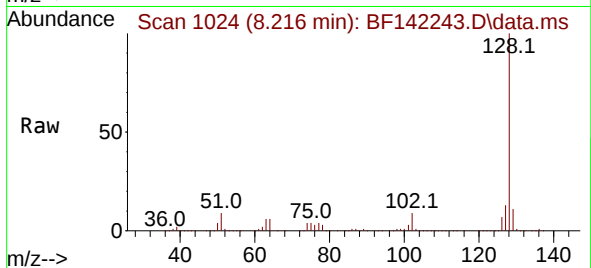
145 31.7 25.4 38.0



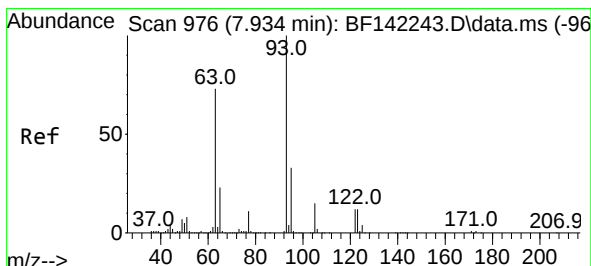
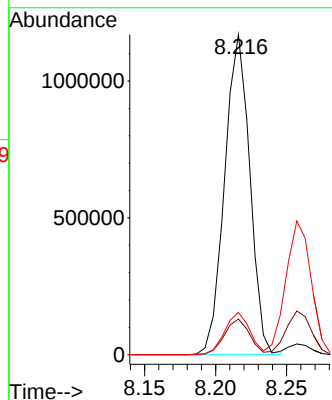
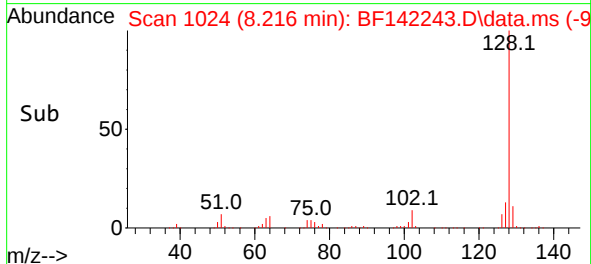


#31
Naphthalene
Concen: 40.920 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

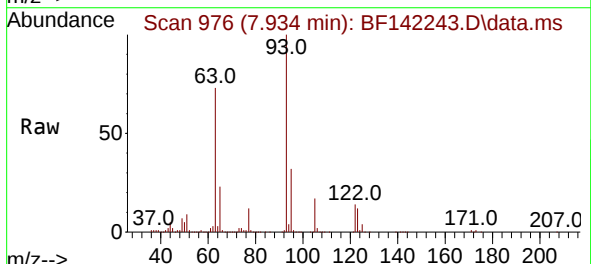
Instrument :
BNA_F
ClientSampleId :



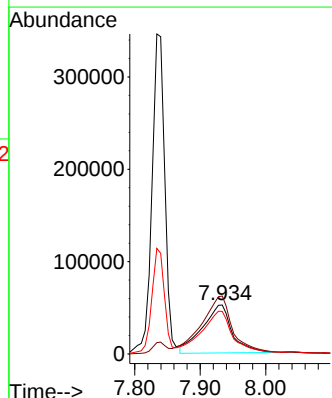
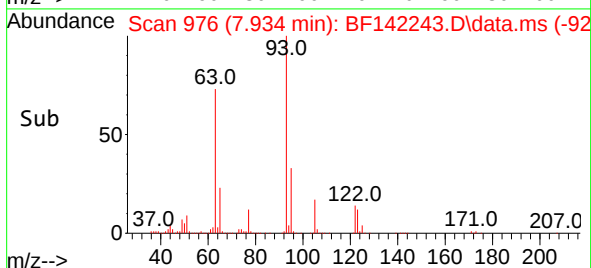
Tgt Ion:128 Resp: 1441240
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 10.6 15.8

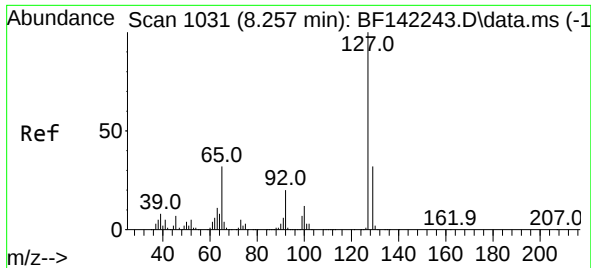


#32
Benzoic acid
Concen: 34.389 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



Tgt Ion:122 Resp: 165320
Ion Ratio Lower Upper
122 100
105 118.2 98.2 138.2
77 86.8 66.8 106.8

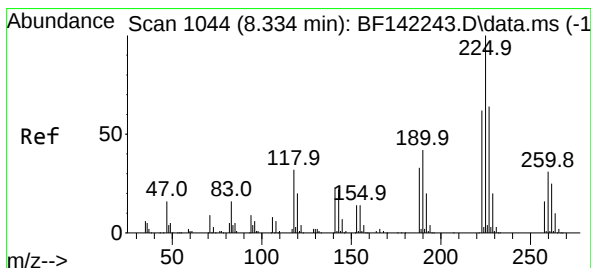
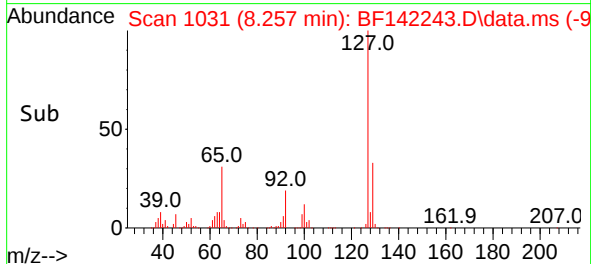
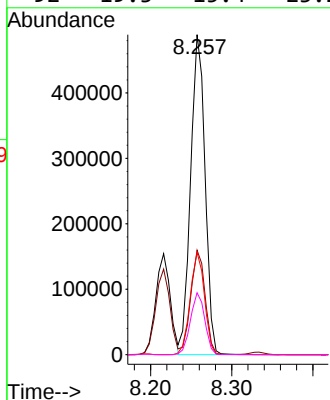
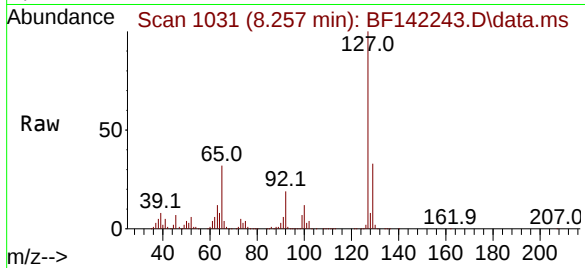




#33
4-Chloroaniline
Concen: 41.328 ng
RT: 8.257 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

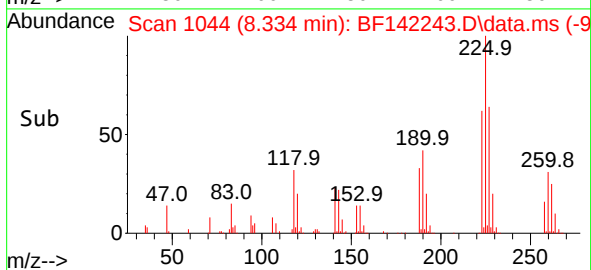
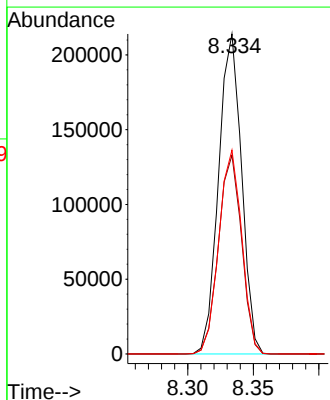
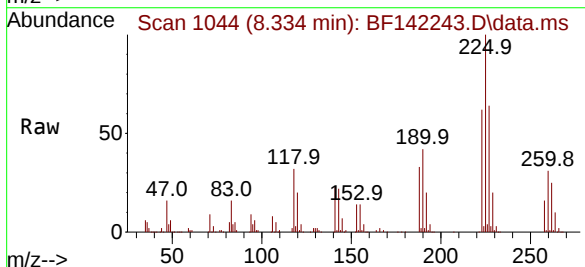
Instrument :
BNA_F
ClientSampleId :

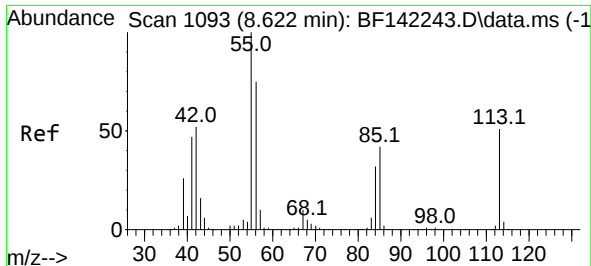
Tgt Ion:	127	Resp:	606136
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.9	25.5	38.3
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.125 ng
RT: 8.334 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:	225	Resp:	260821
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	63.7	51.0	76.4

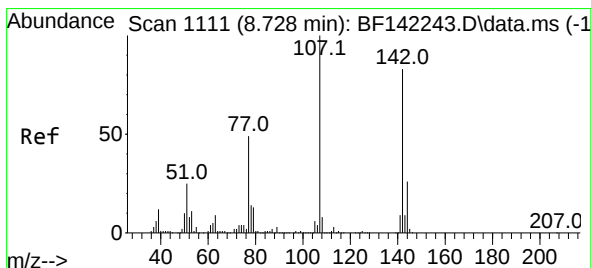
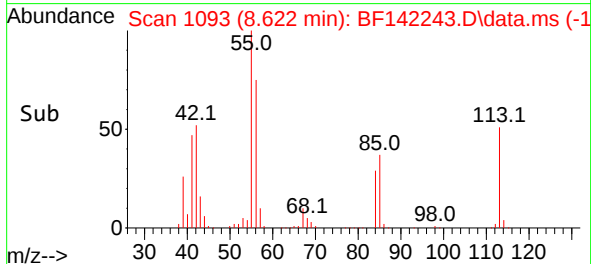
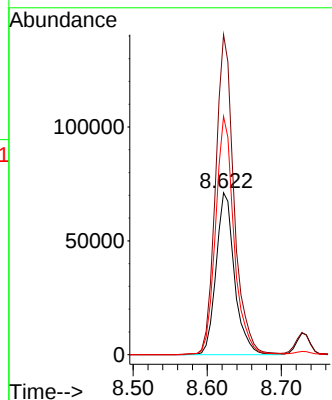
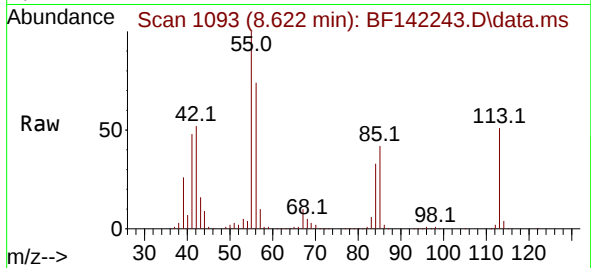




#35
 Caprolactam
 Concen: 42.889 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

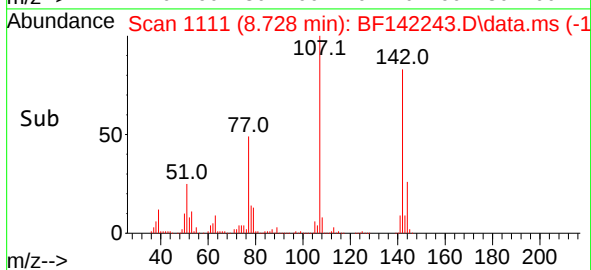
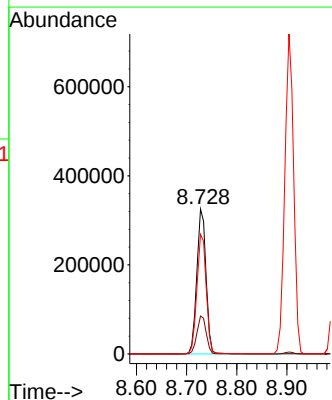
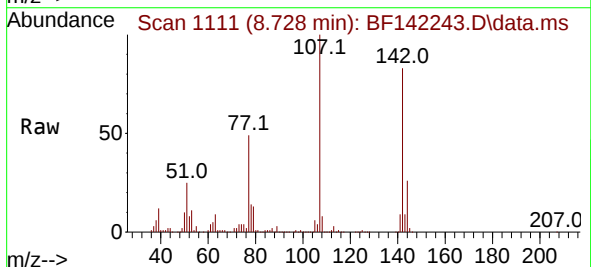
Instrument :
 BNA_F
 ClientSampleId :

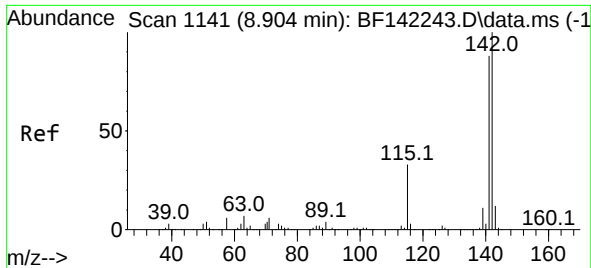
Tgt Ion:113 Resp: 122598
 Ion Ratio Lower Upper
 113 100
 55 197.7 177.7 217.7
 56 147.1 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.715 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

Tgt Ion:107 Resp: 417126
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.0 31.4
 142 82.6 66.1 99.1

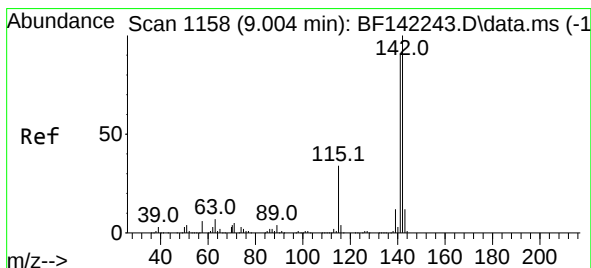
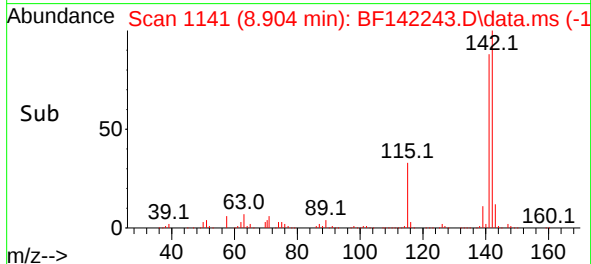
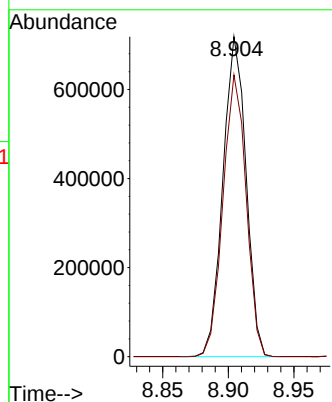
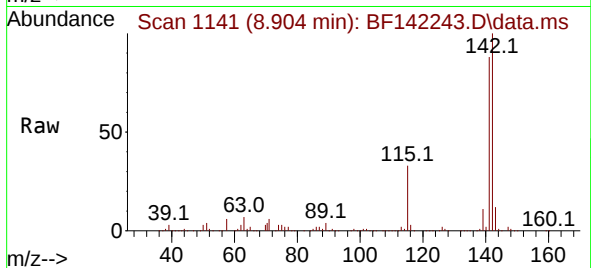




#37
2-Methylnaphthalene
Concen: 40.652 ng
RT: 8.904 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

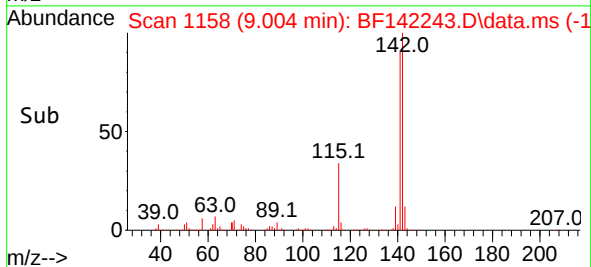
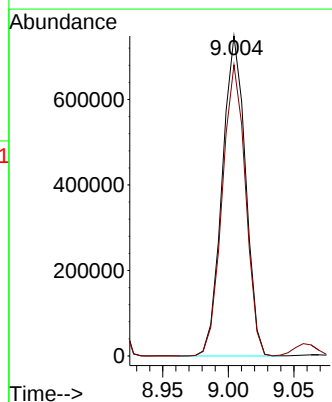
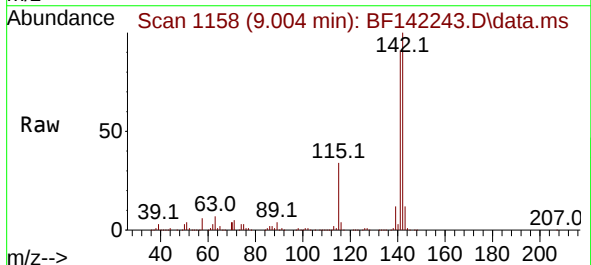
Instrument :
BNA_F
ClientSampleId :

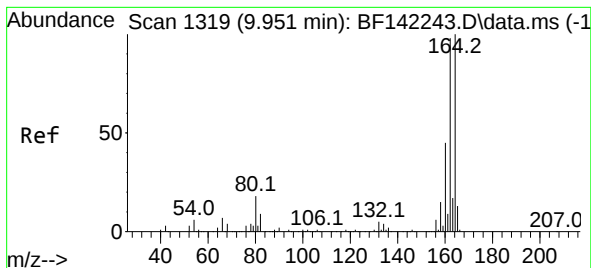
Tgt Ion:142 Resp: 880315
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7



#38
1-Methylnaphthalene
Concen: 41.054 ng
RT: 9.004 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:142 Resp: 920983
Ion Ratio Lower Upper
142 100
141 91.0 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1169

Delta R.T. 0.000 min

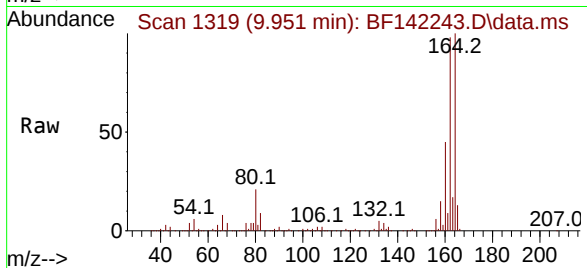
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



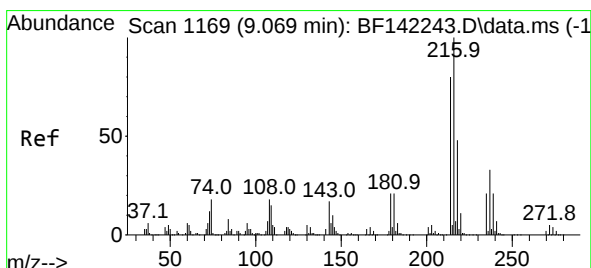
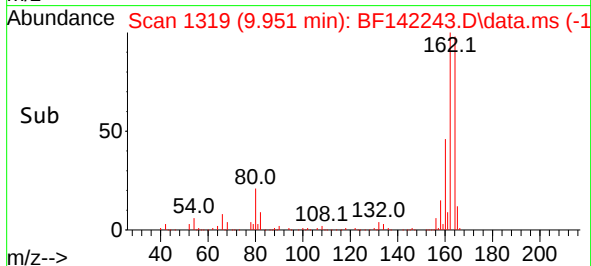
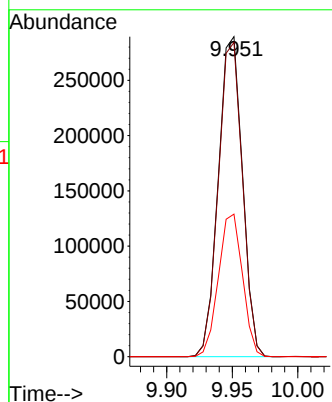
Tgt Ion:164 Resp: 370869

Ion Ratio Lower Upper

164 100

162 98.2 78.6 117.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.938 ng

RT: 9.069 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:216 Resp: 427286

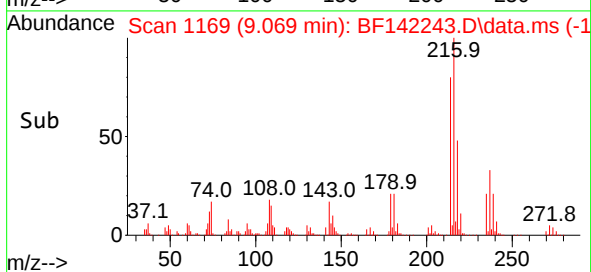
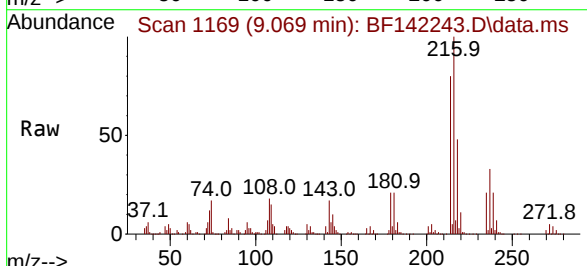
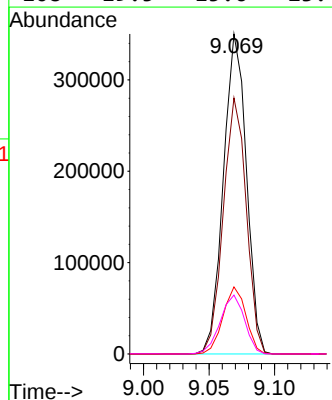
Ion Ratio Lower Upper

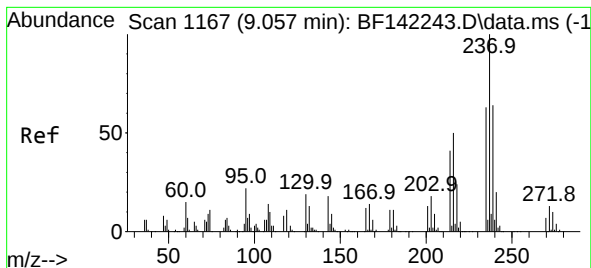
216 100

214 79.7 63.8 95.6

179 20.9 16.7 25.1

108 19.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 44.056 ng

RT: 9.057 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

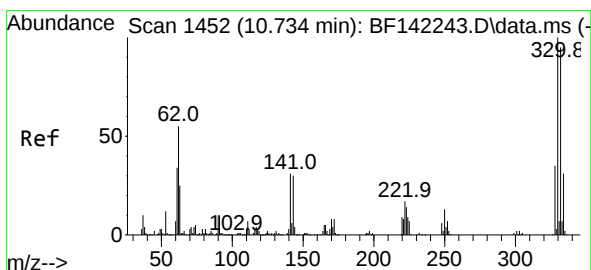
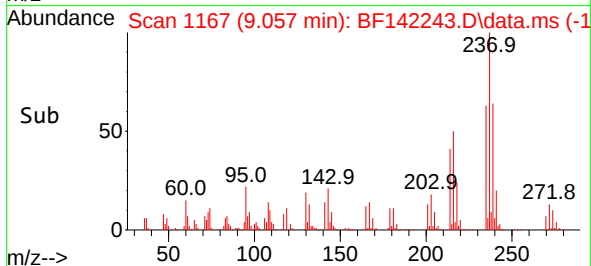
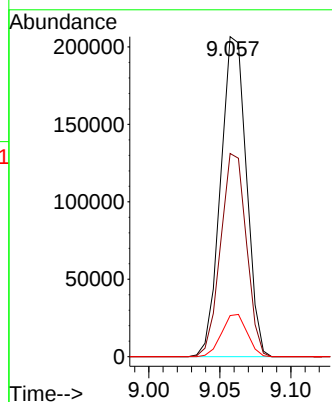
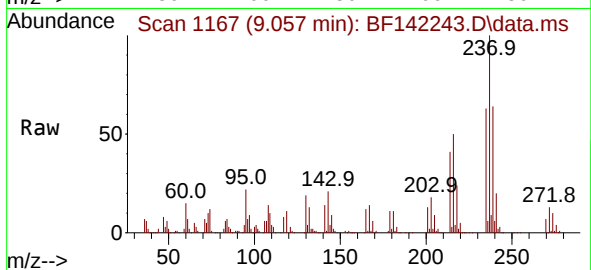
Tgt Ion:237 Resp: 260979

Ion Ratio Lower Upper

237 100

235 63.5 43.5 83.5

272 12.9 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 89.389 ng

RT: 10.734 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

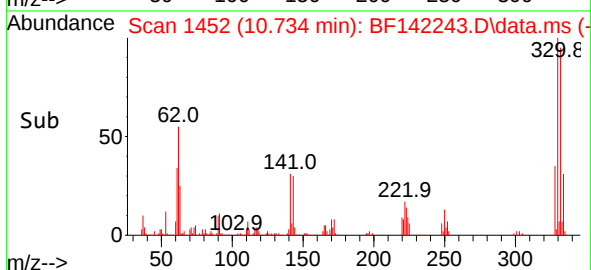
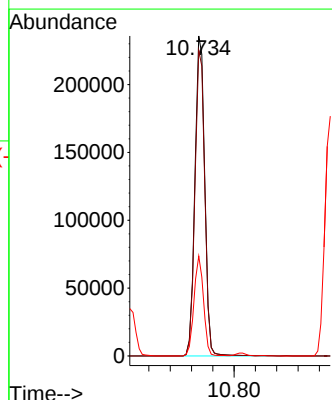
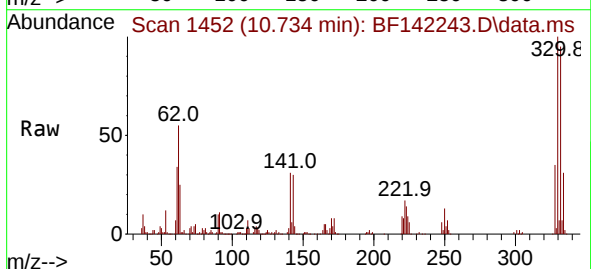
Tgt Ion:330 Resp: 302223

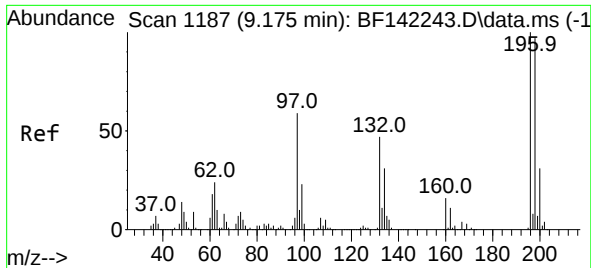
Ion Ratio Lower Upper

330 100

332 95.6 76.5 114.7

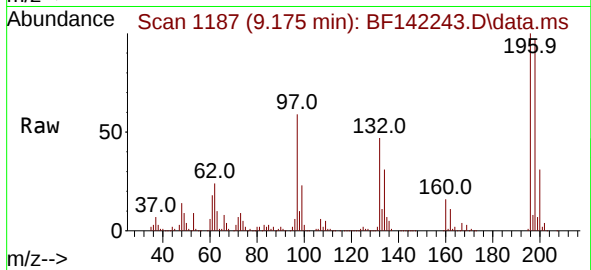
141 30.4 24.3 36.5



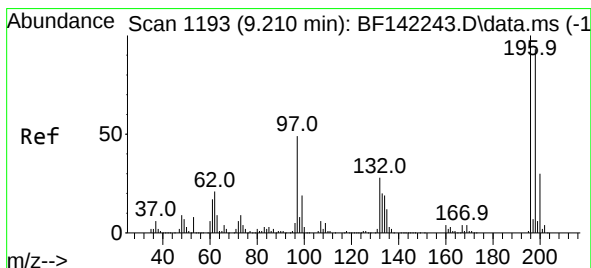
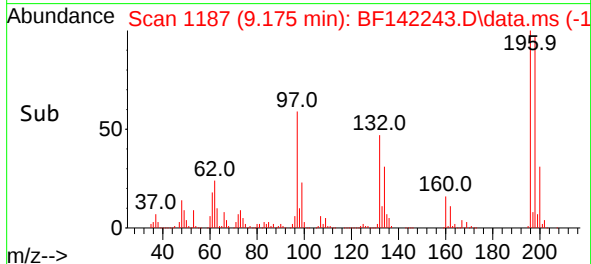
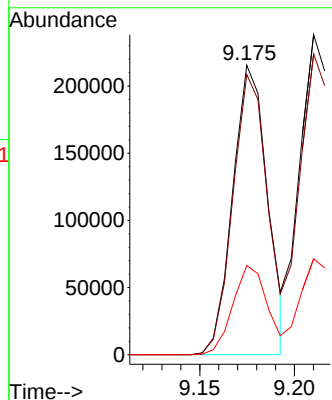


#43
2,4,6-Trichlorophenol
Concen: 42.450 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

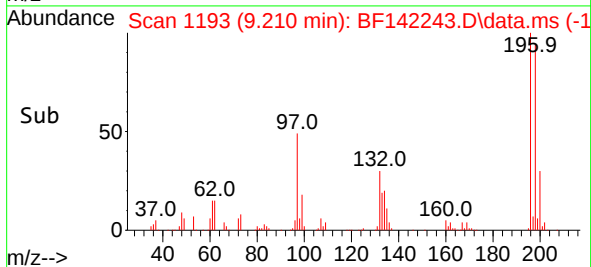
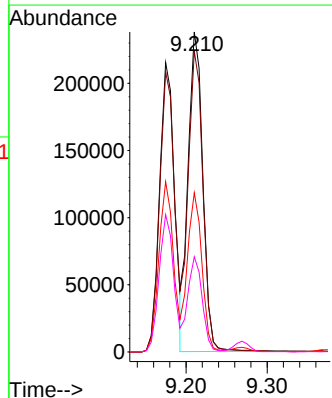
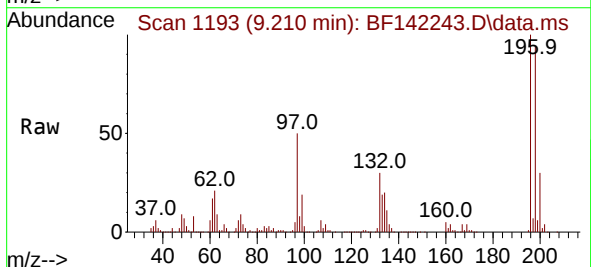


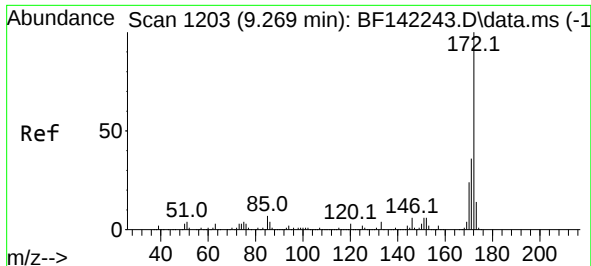
Tgt Ion:196 Resp: 274555
Ion Ratio Lower Upper
196 100
198 96.8 77.4 116.2
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.113 ng
RT: 9.210 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:196 Resp: 299967
Ion Ratio Lower Upper
196 100
198 94.0 75.2 112.8
97 49.8 39.8 59.8
132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 79.446 ng

RT: 9.269 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

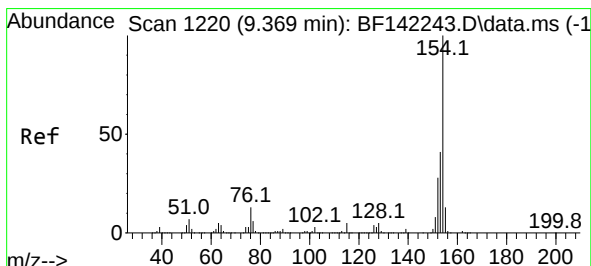
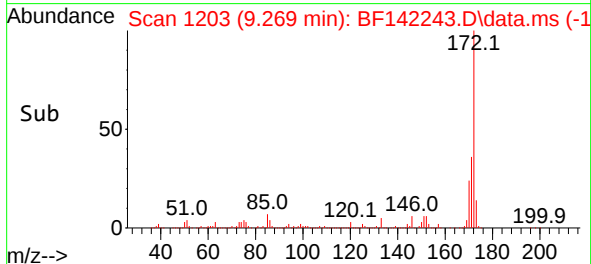
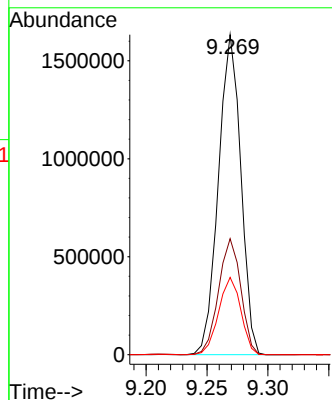
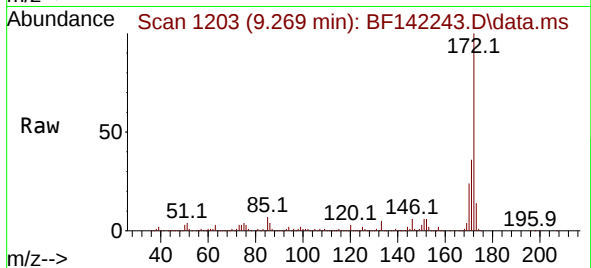
Tgt Ion:172 Resp: 2089707

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.2 19.4 29.0



#46

1,1'-Biphenyl

Concen: 40.664 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

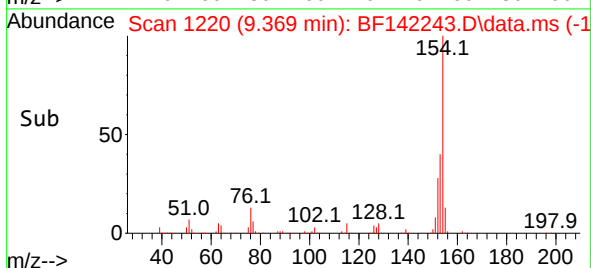
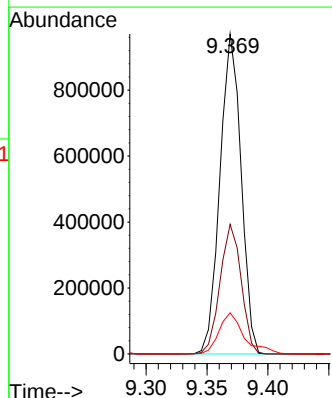
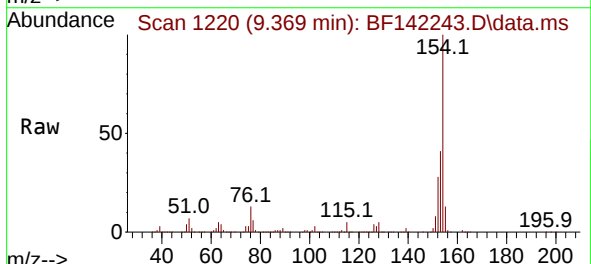
Tgt Ion:154 Resp: 1172400

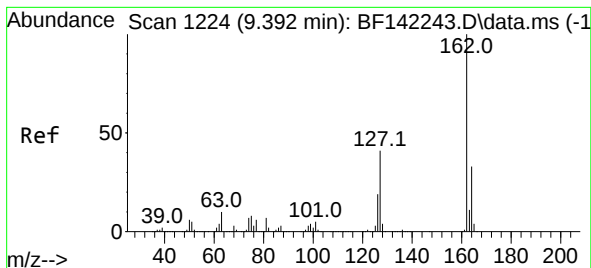
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.984 ng

RT: 9.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

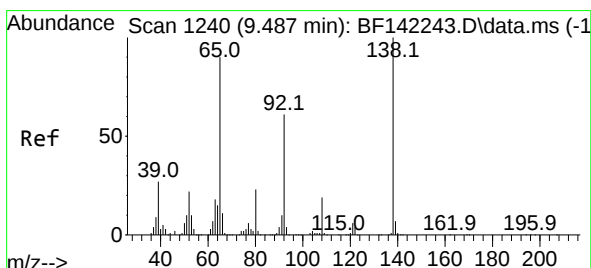
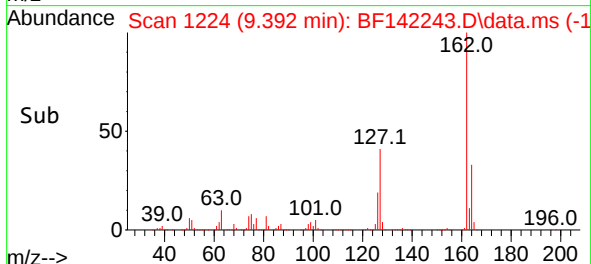
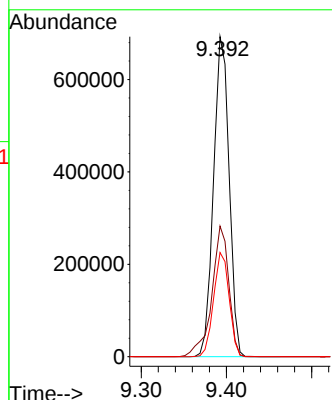
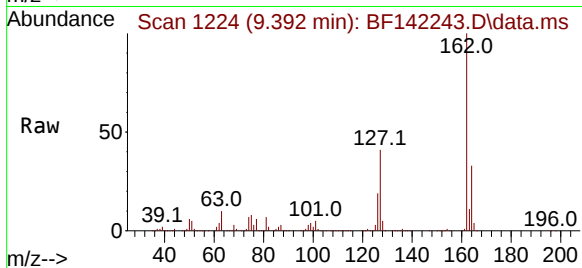
Tgt Ion:162 Resp: 879152

Ion Ratio Lower Upper

162 100

127 40.8 32.6 49.0

164 32.6 26.1 39.1



#48

2-Nitroaniline

Concen: 39.600 ng

RT: 9.487 min Scan# 1240

Delta R.T. -0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

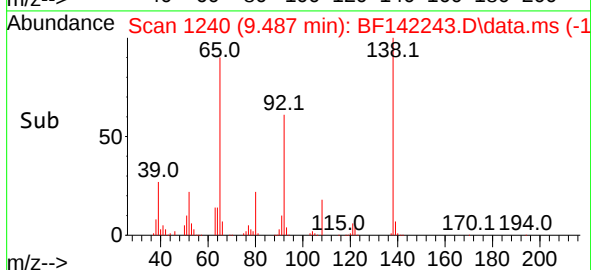
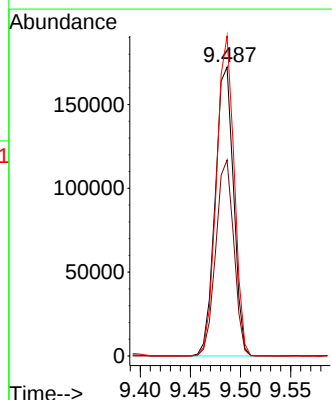
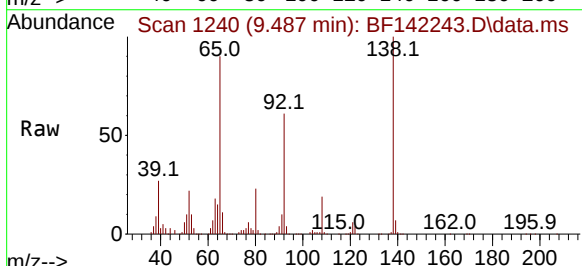
Tgt Ion: 65 Resp: 218766

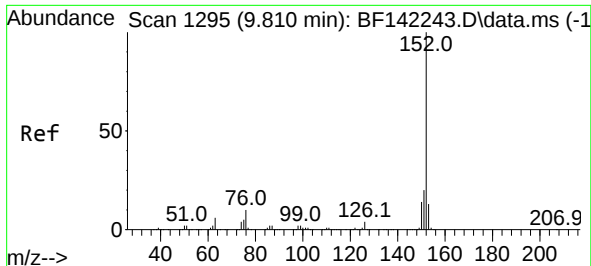
Ion Ratio Lower Upper

65 100

92 67.9 54.3 81.5

138 110.8 88.6 133.0





#49

Acenaphthylene

Concen: 40.929 ng

RT: 9.810 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

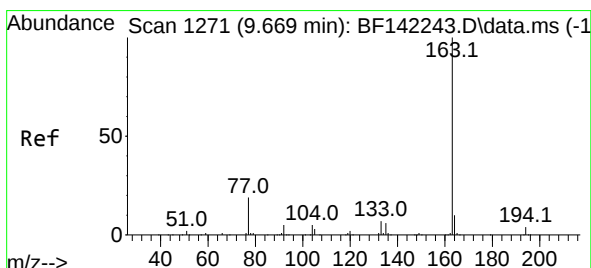
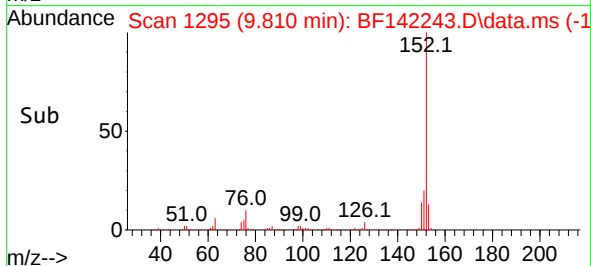
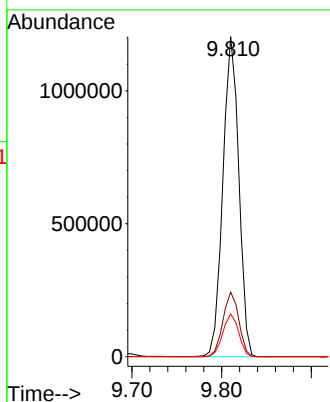
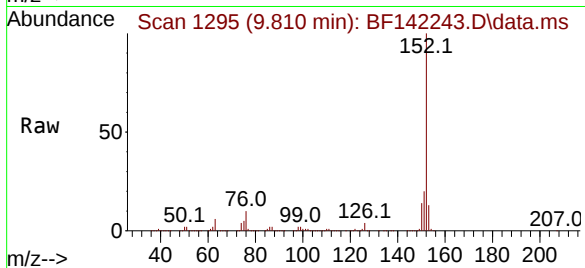
Tgt Ion:152 Resp: 1481543

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 41.312 ng

RT: 9.669 min Scan# 1271

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

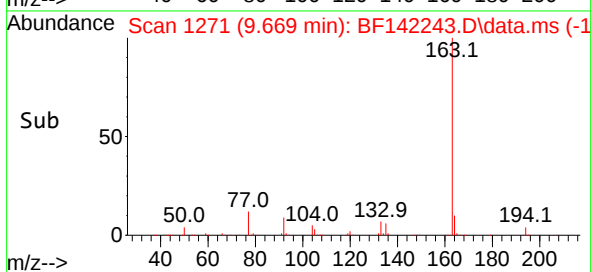
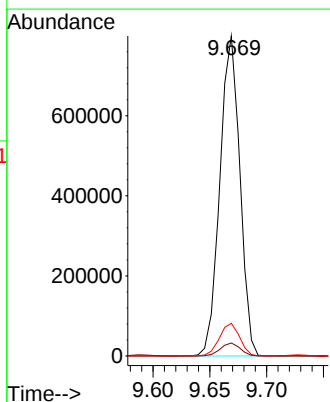
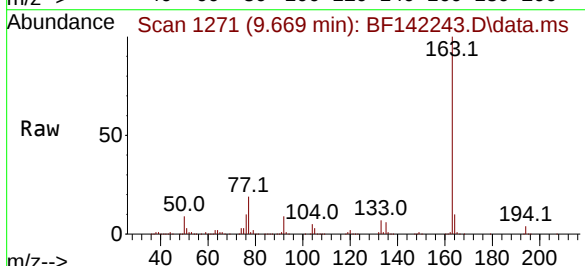
Tgt Ion:163 Resp: 980172

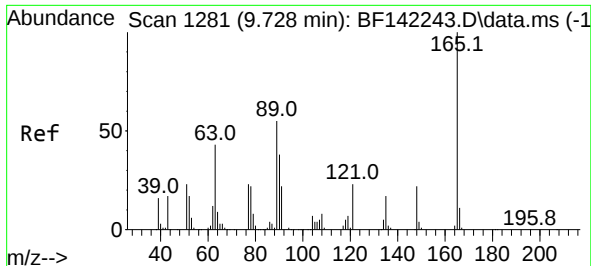
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

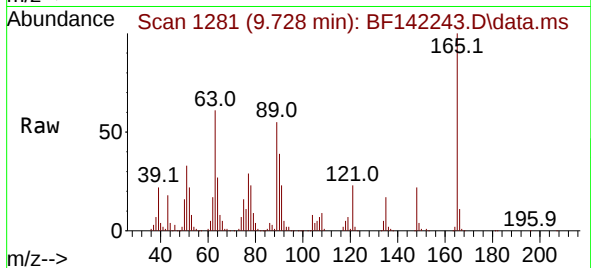
164 10.2 8.2 12.2



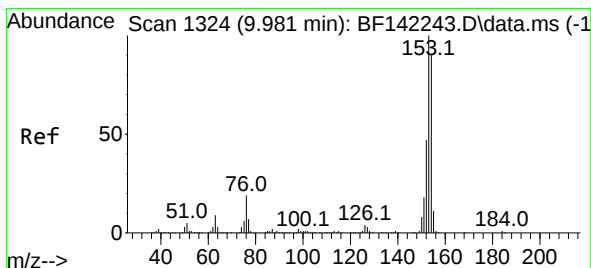
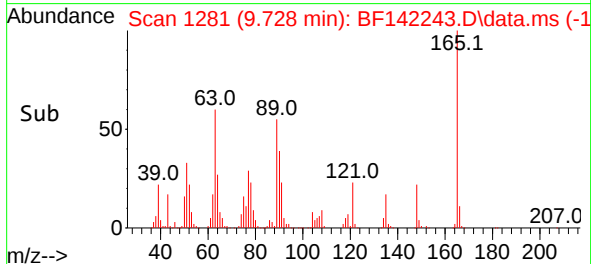
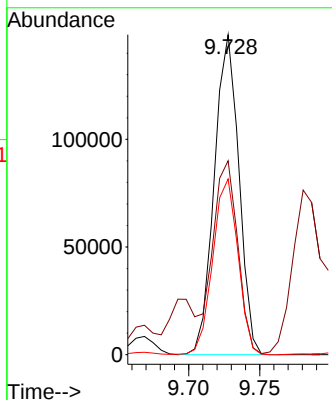


#51
2,6-Dinitrotoluene
Concen: 40.034 ng
RT: 9.728 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

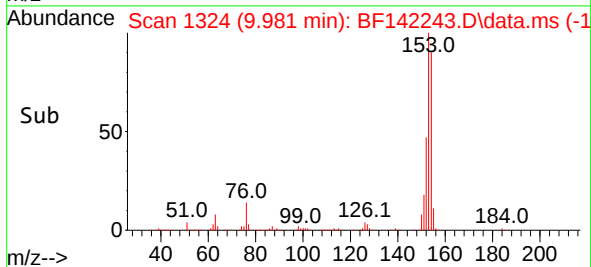
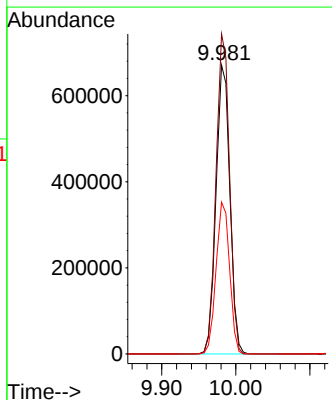
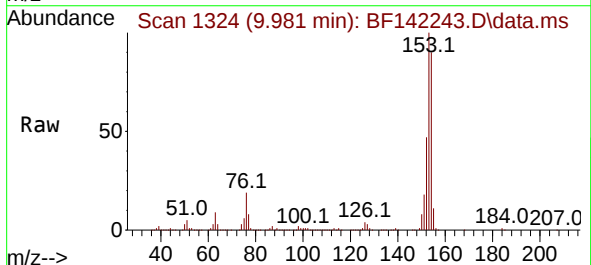


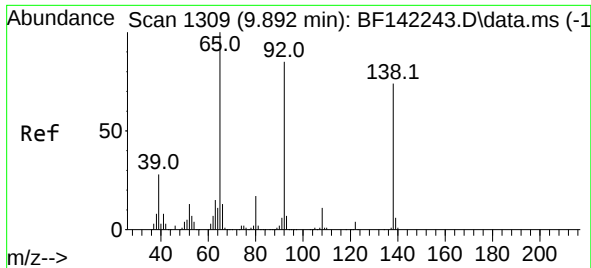
Tgt Ion:165 Resp: 178867
Ion Ratio Lower Upper
165 100
63 60.6 48.5 72.7
89 54.9 43.9 65.9



#52
Acenaphthene
Concen: 41.145 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:154 Resp: 869604
Ion Ratio Lower Upper
154 100
153 110.8 88.6 133.0
152 52.6 42.1 63.1

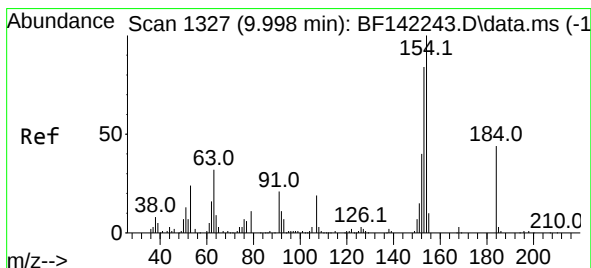
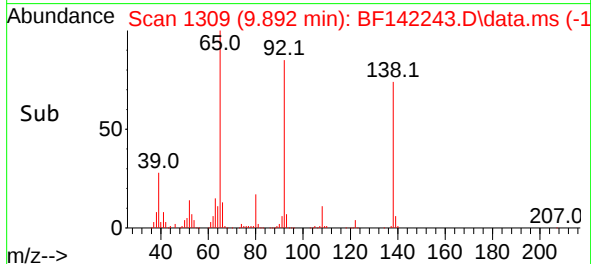
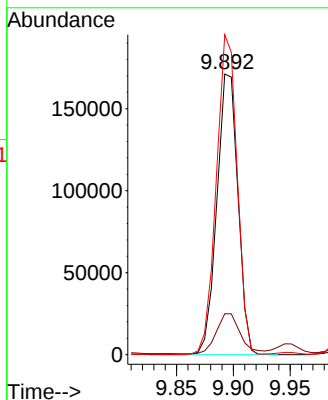
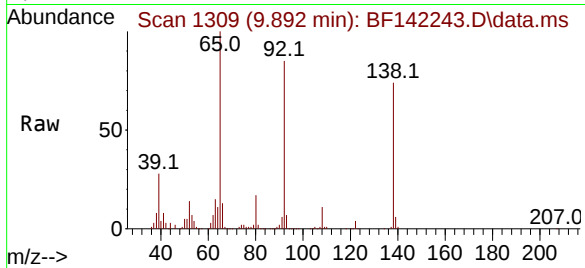




#53
3-Nitroaniline
Concen: 40.485 ng
RT: 9.892 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

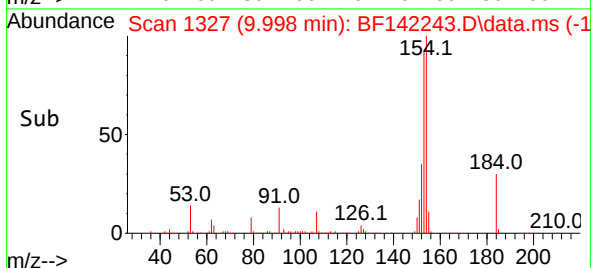
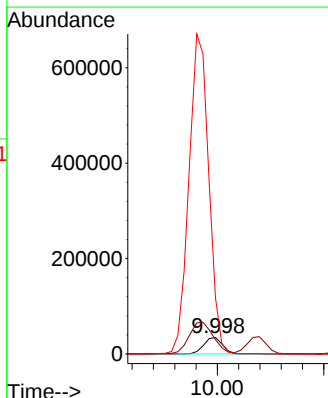
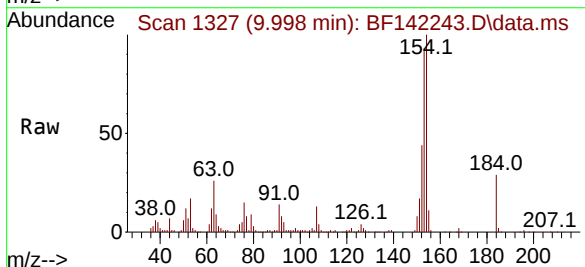
Instrument :
BNA_F
ClientSampleId :

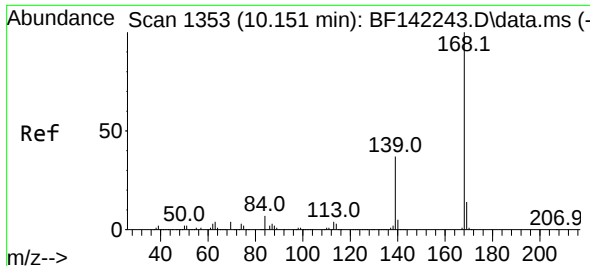
Tgt Ion:138 Resp: 221168
Ion Ratio Lower Upper
138 100
108 14.6 11.7 17.5
92 114.0 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 38.466 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

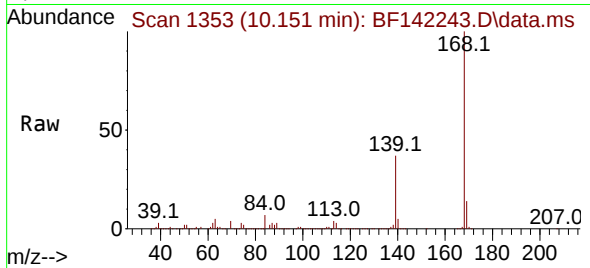
Tgt Ion:184 Resp: 42260
Ion Ratio Lower Upper
184 100
63 86.5 69.2 103.8
154 339.3 271.4 407.2



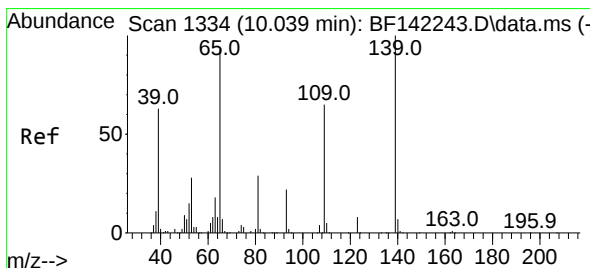
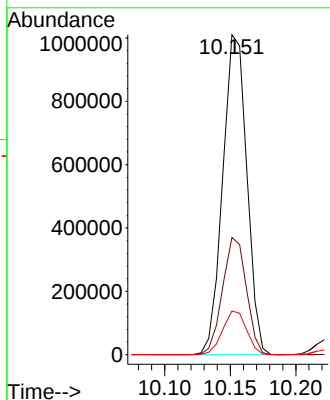
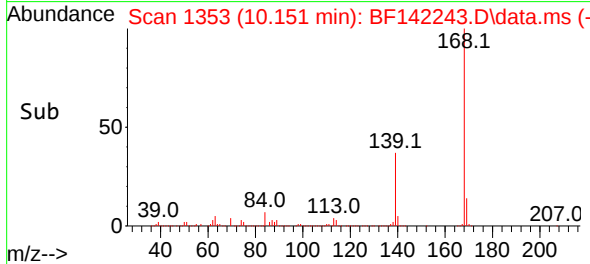


#55
Dibenzofuran
Concen: 40.813 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

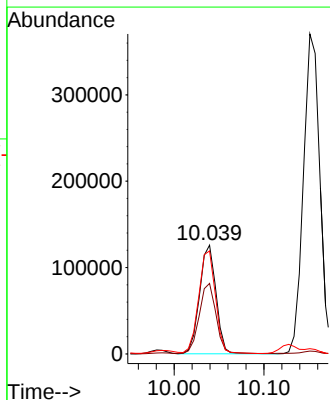
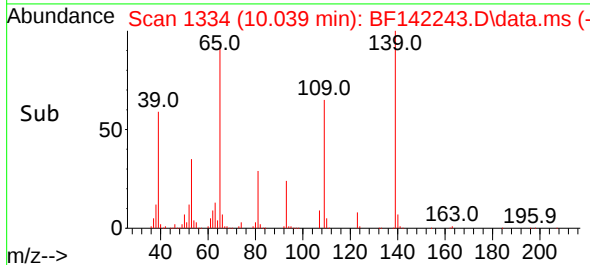
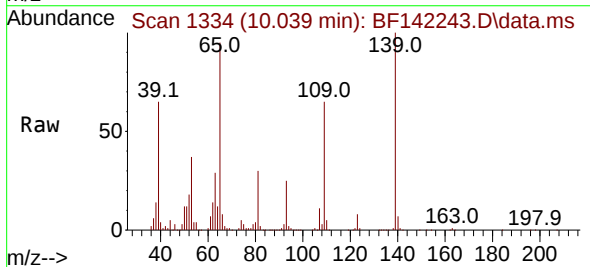


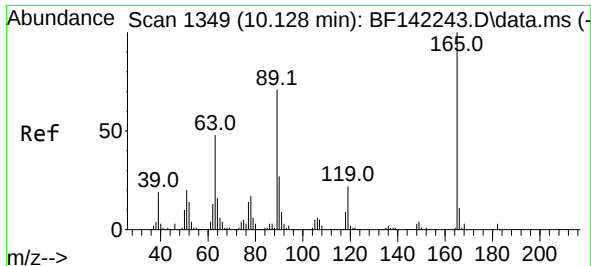
Tgt Ion:168 Resp: 1293035
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 42.900 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

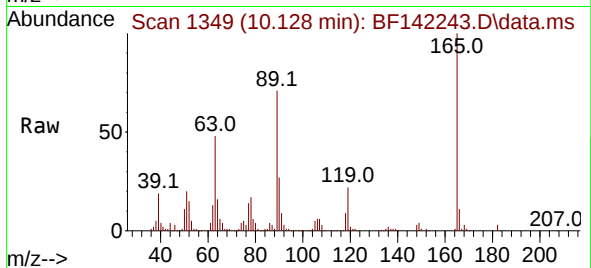
Tgt Ion:139 Resp: 159989
Ion Ratio Lower Upper
139 100
109 64.9 44.9 84.9
65 94.7 74.7 114.7



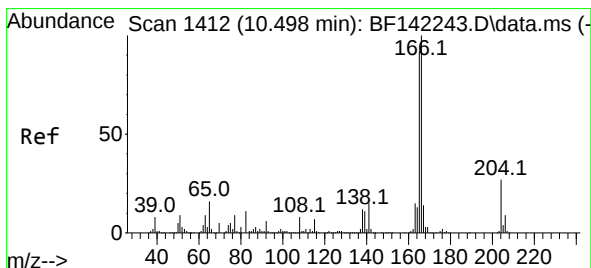
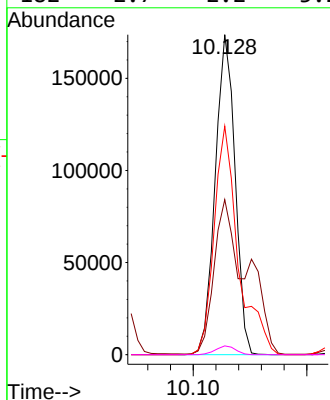
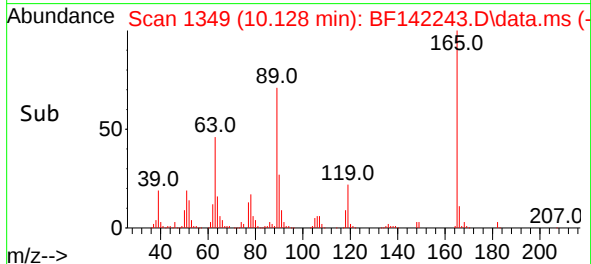


#57
2,4-Dinitrotoluene
Concen: 39.352 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

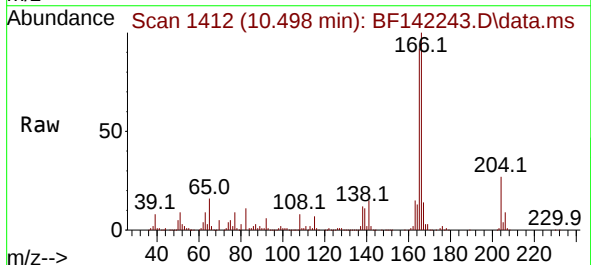
Instrument :
BNA_F
ClientSampleId :



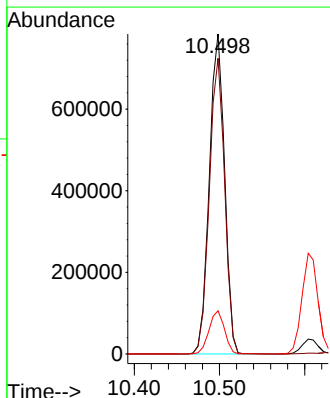
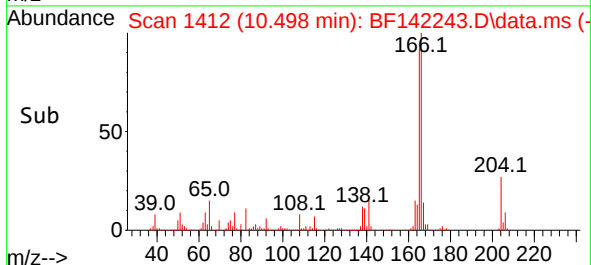
Tgt Ion:165 Resp: 211218
Ion Ratio Lower Upper
165 100
63 48.5 38.8 58.2
89 71.4 57.1 85.7
182 2.7 2.2 3.2

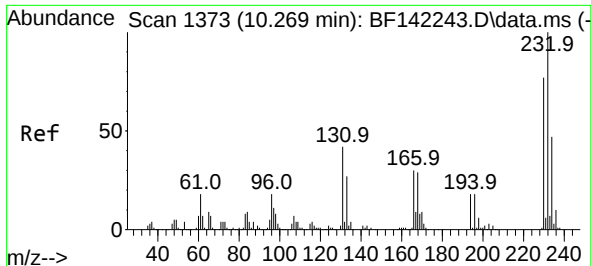


#58
Fluorene
Concen: 40.554 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17



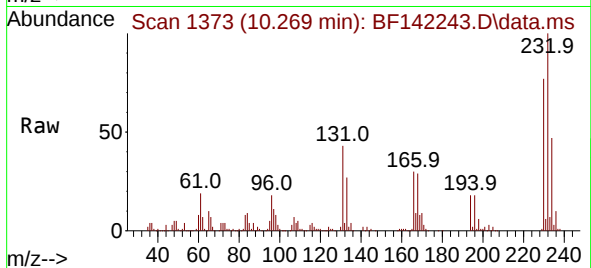
Tgt Ion:166 Resp: 976948
Ion Ratio Lower Upper
166 100
165 92.4 73.9 110.9
167 13.5 10.8 16.2



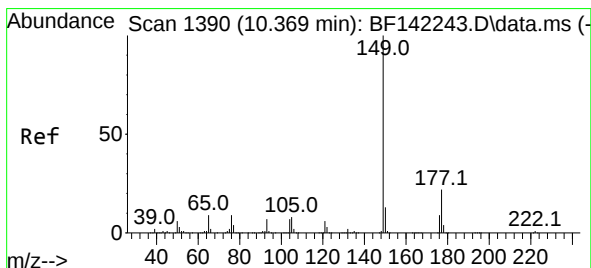
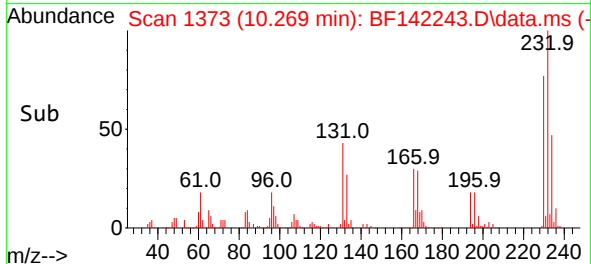
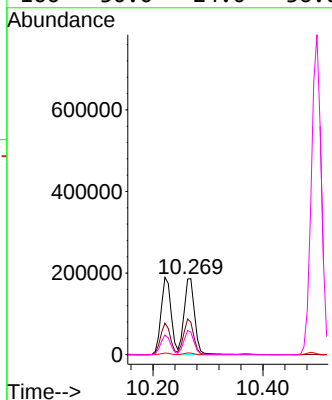


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.967 ng
RT: 10.269 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

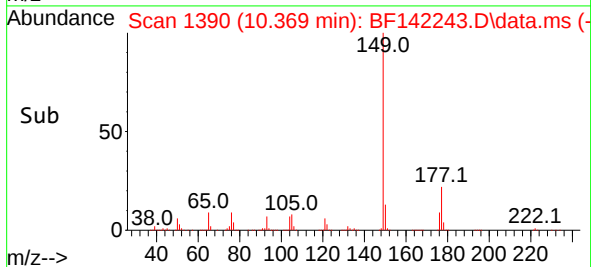
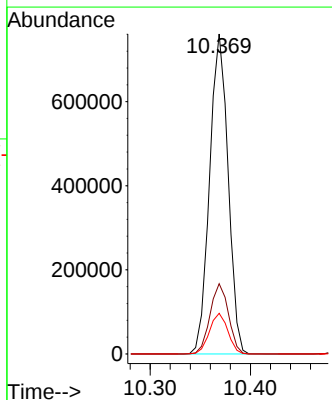
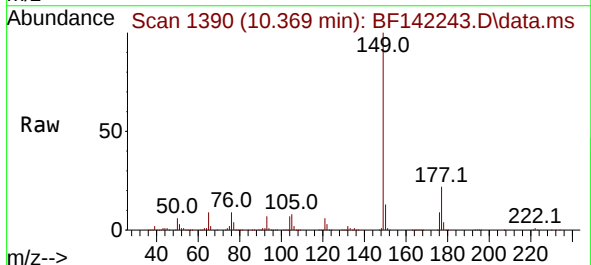


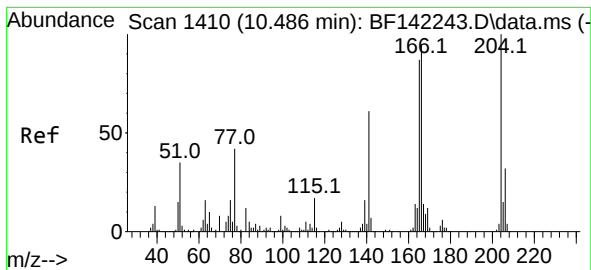
Tgt Ion:232 Resp: 247655
Ion Ratio Lower Upper
232 100
131 44.9 35.9 53.9
130 2.2 1.8 2.6
166 30.0 24.0 36.0



#60
Diethylphthalate
Concen: 41.573 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 974036
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.7 10.2 15.2

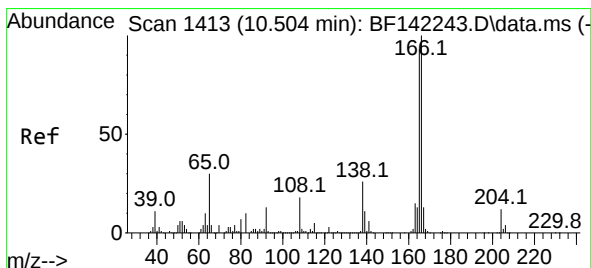
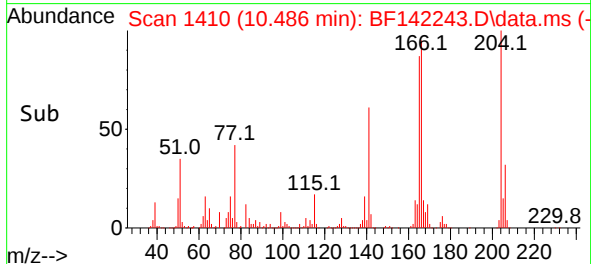
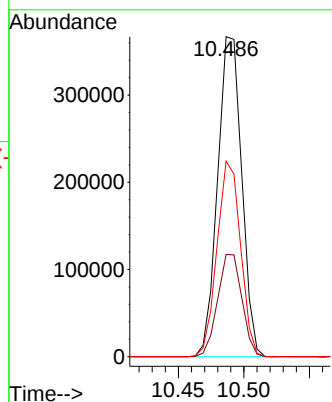
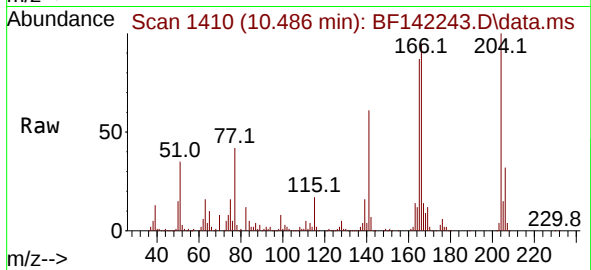




#61
4-Chlorophenyl-phenylether
Concen: 40.986 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

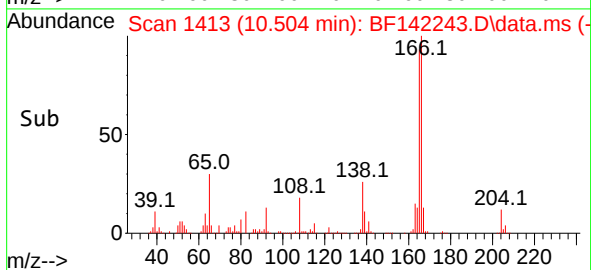
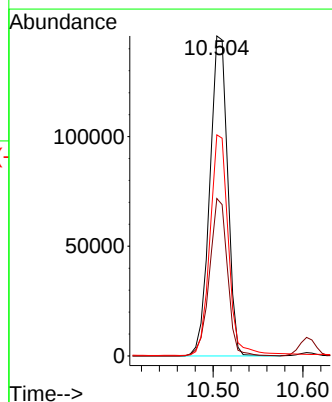
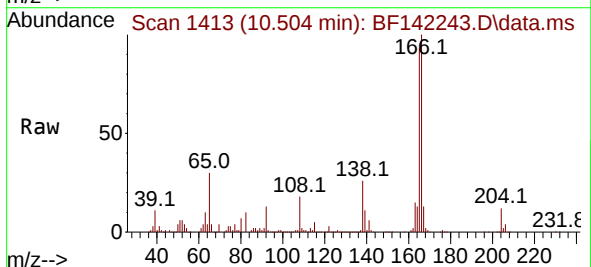
Instrument :
BNA_F
ClientSampleId :

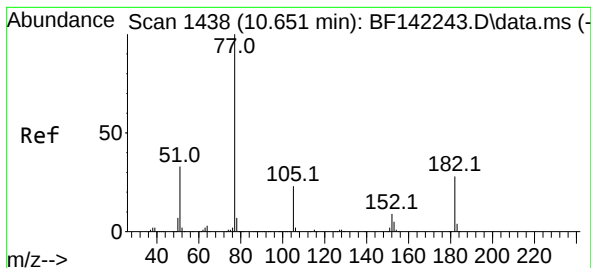
Tgt Ion:204 Resp: 468898
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 61.1 48.9 73.3



#62
4-Nitroaniline
Concen: 40.498 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:138 Resp: 201491
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 69.1 49.1 89.1





#63

Azobenzene

Concen: 40.994 ng

RT: 10.651 min Scan# 1438

Delta R.T. 0.000 min

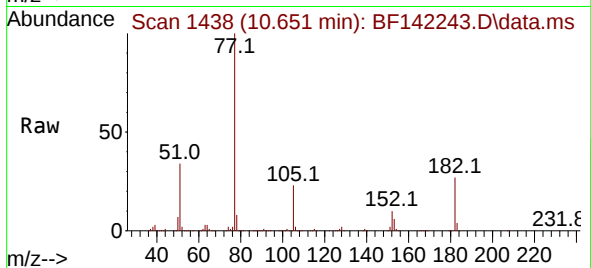
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 948440

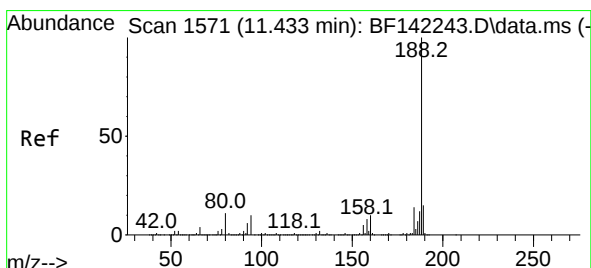
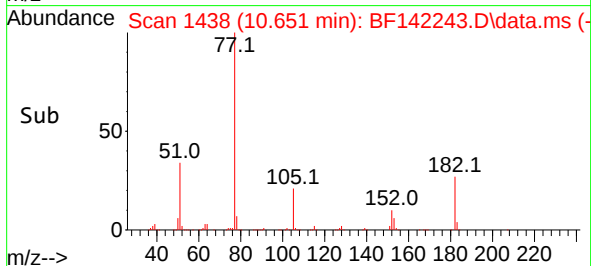
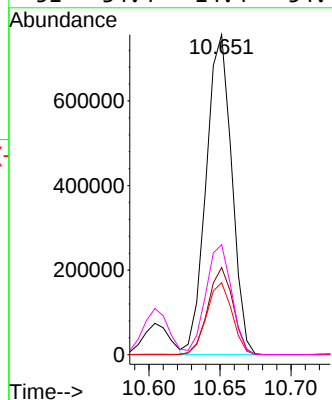
Ion Ratio Lower Upper

77 100

182 27.3 7.3 47.3

105 22.5 2.5 42.5

51 34.4 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

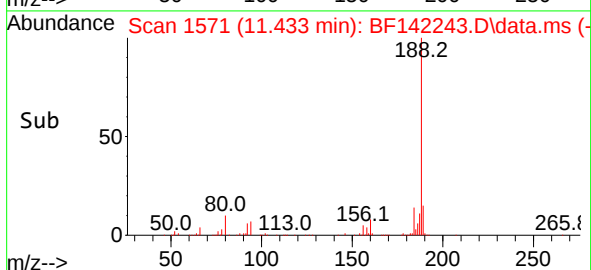
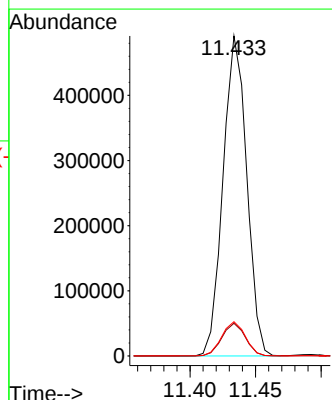
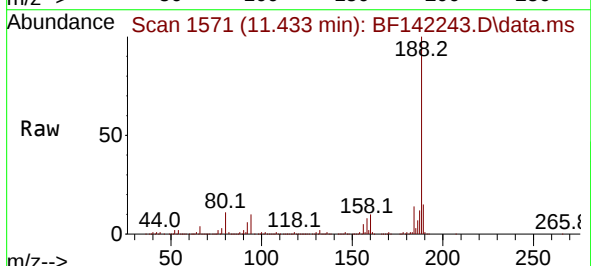
Tgt Ion:188 Resp: 616408

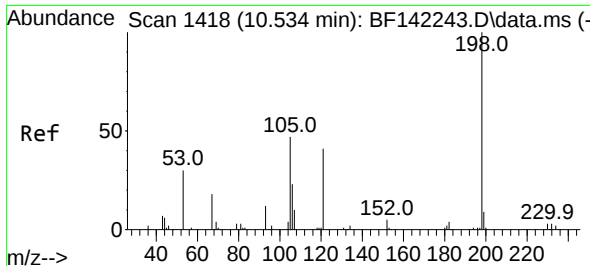
Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

80 10.7 8.6 12.8

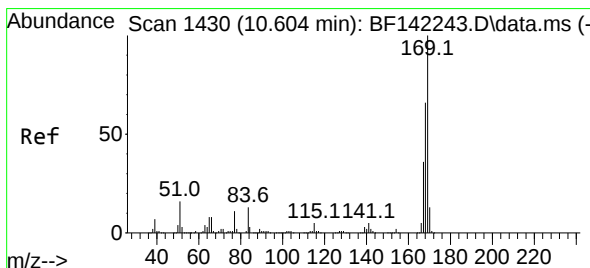
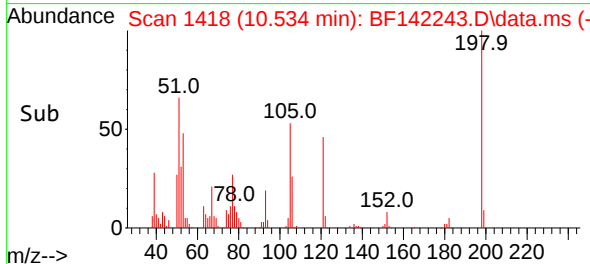
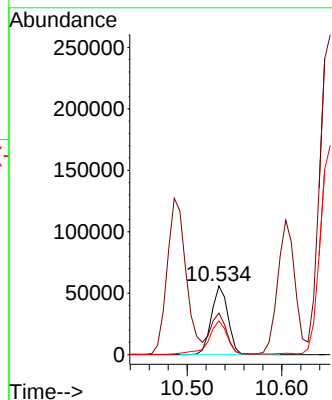
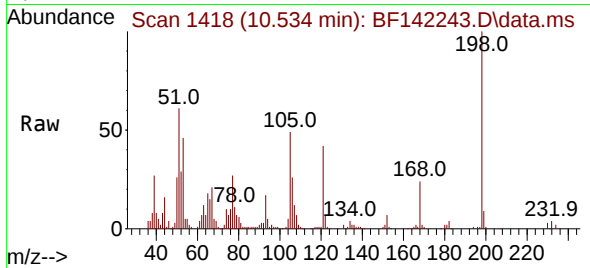




#65
4,6-Dinitro-2-methylphenol
Concen: 36.574 ng
RT: 10.534 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

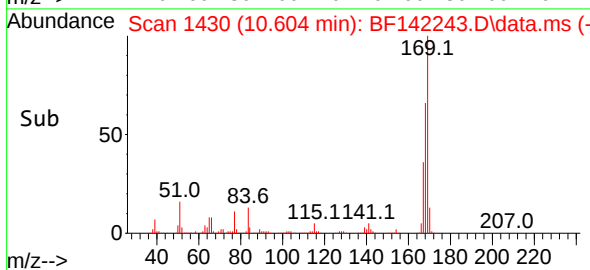
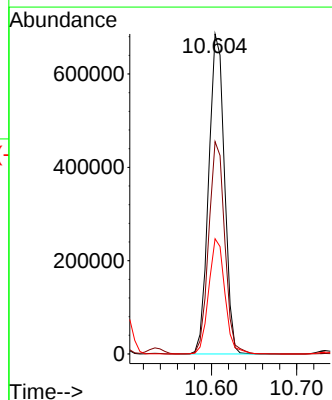
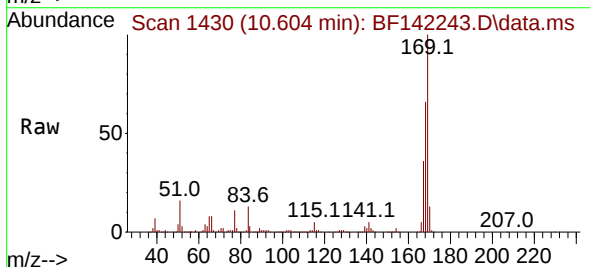
Instrument :
BNA_F
ClientSampleId :

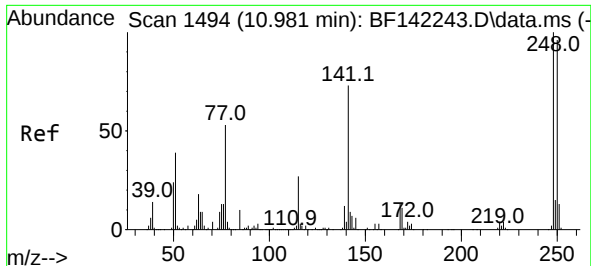
Tgt Ion:198 Resp: 67678
Ion Ratio Lower Upper
198 100
51 60.6 40.6 80.6
105 49.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 41.656 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:169 Resp: 877338
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.0 28.8 43.2

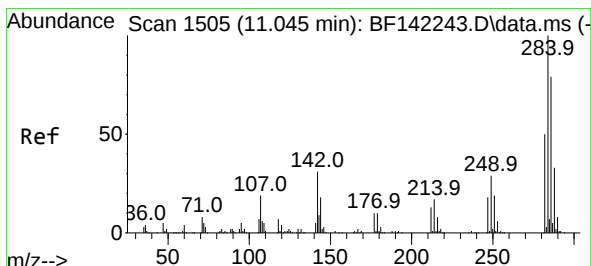
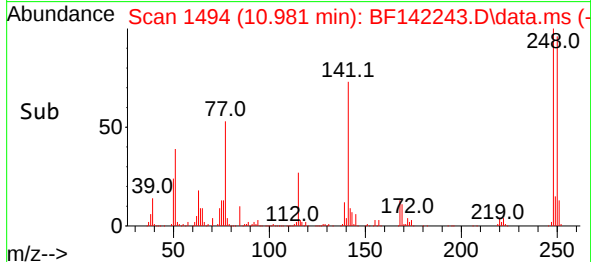
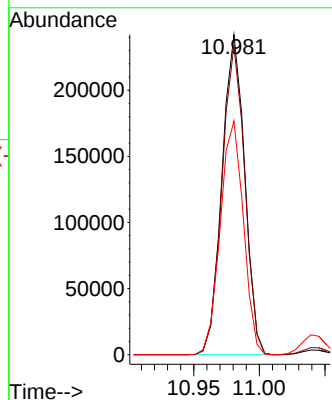
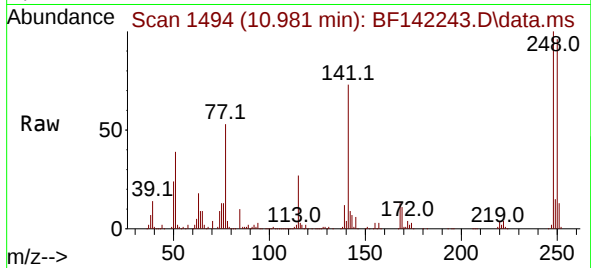




#67
4-Bromophenyl-phenylether
Concen: 42.400 ng
RT: 10.981 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

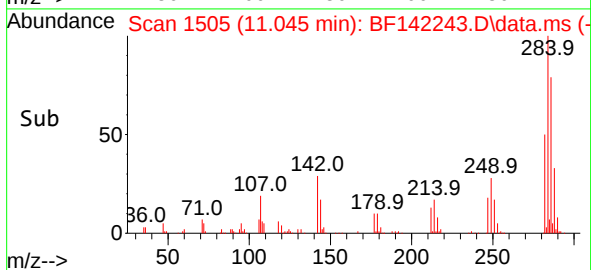
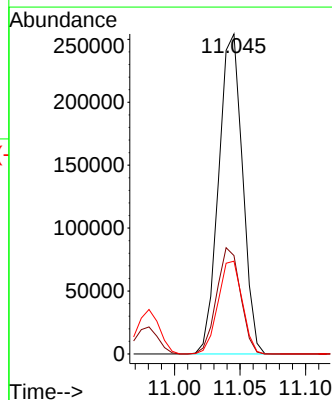
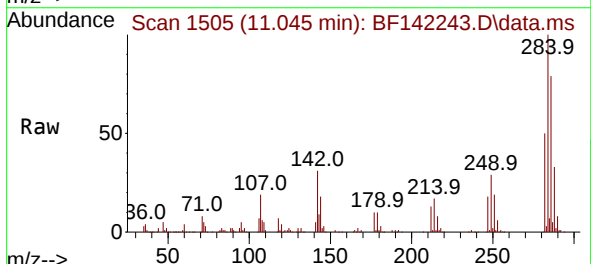
Instrument :
BNA_F
ClientSampleId :

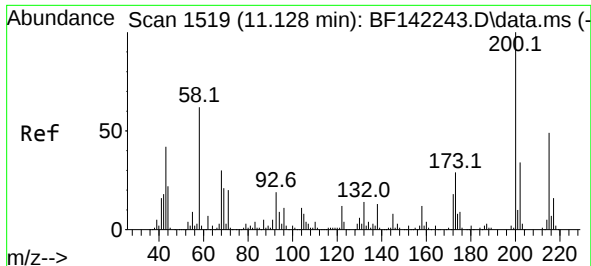
Tgt Ion:248 Resp: 291063
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 73.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.809 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

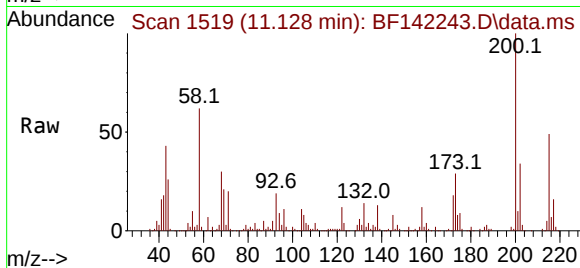
Tgt Ion:284 Resp: 321448
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.0 23.2 34.8



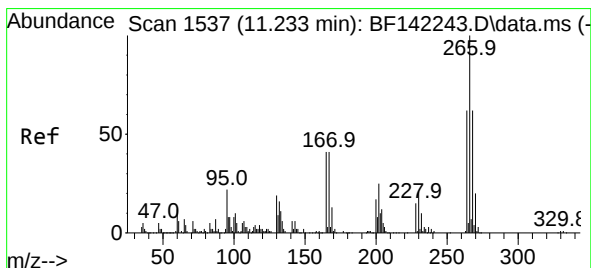
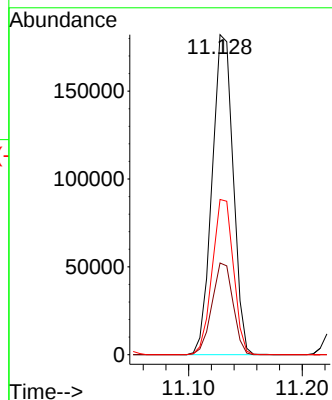
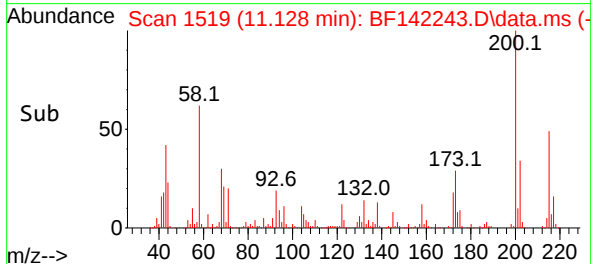


#69
 Atrazine
 Concen: 42.299 ng
 RT: 11.128 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

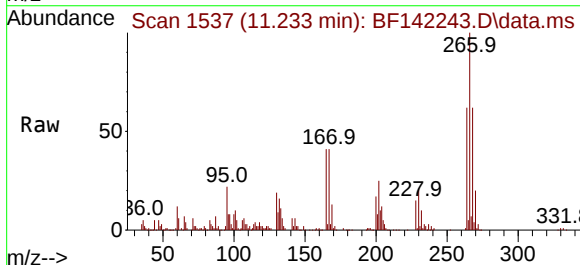
Instrument :
 BNA_F
 ClientSampleId :



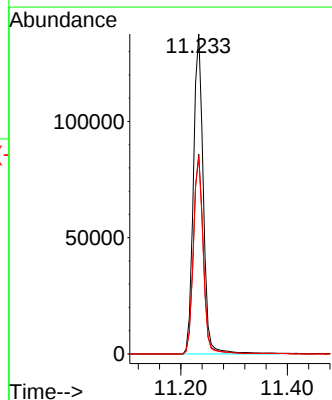
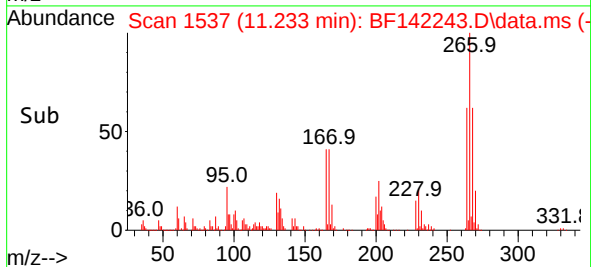
Tgt Ion:200 Resp: 234825
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.6 48.6
 215 48.5 28.5 68.5

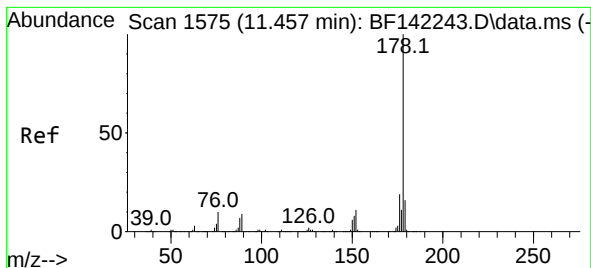


#70
 Pentachlorophenol
 Concen: 43.764 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17



Tgt Ion:266 Resp: 177755
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.0 75.0
 264 61.6 49.3 73.9





#71

Phenanthrene

Concen: 41.176 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

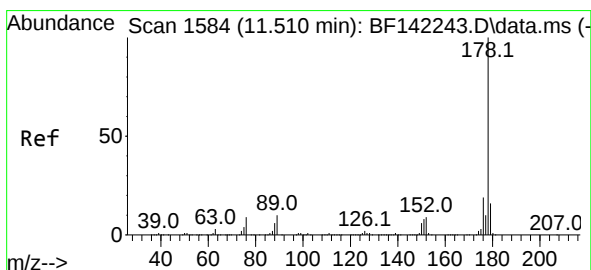
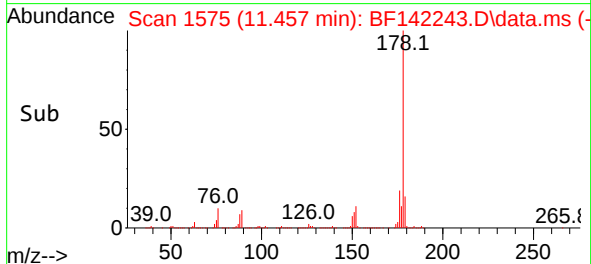
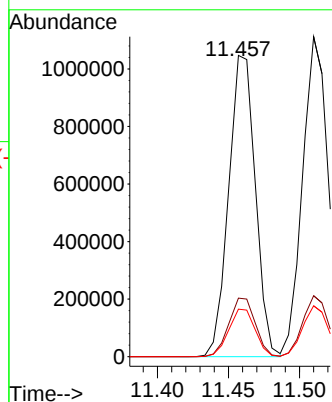
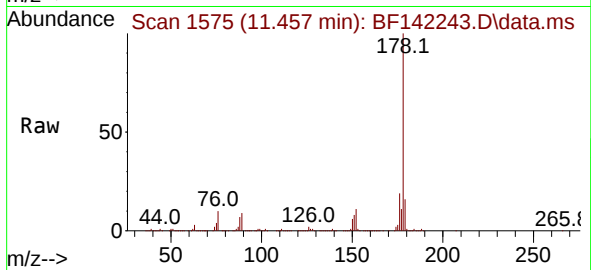
Tgt Ion:178 Resp: 1371009

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.8 12.6 19.0



#72

Anthracene

Concen: 40.840 ng

RT: 11.510 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

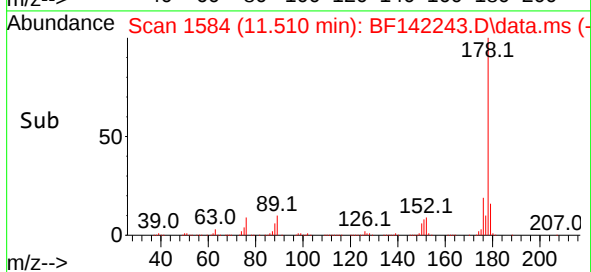
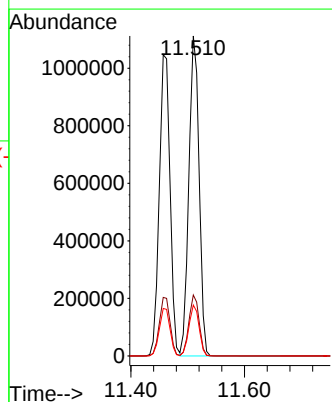
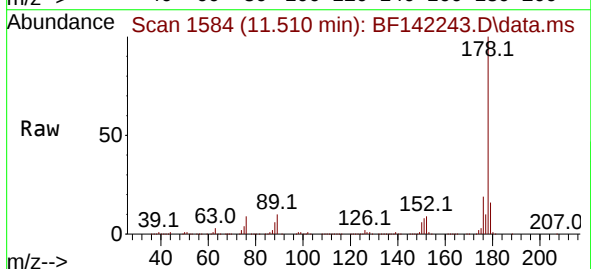
Tgt Ion:178 Resp: 1390308

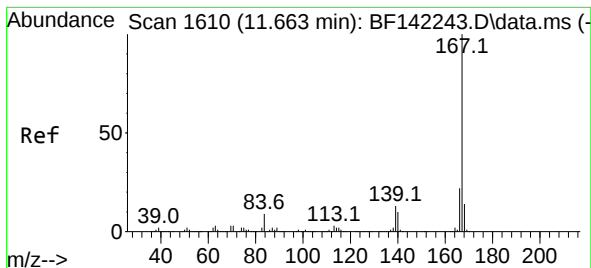
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.9 12.7 19.1





#73

Carbazole

Concen: 40.999 ng

RT: 11.663 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

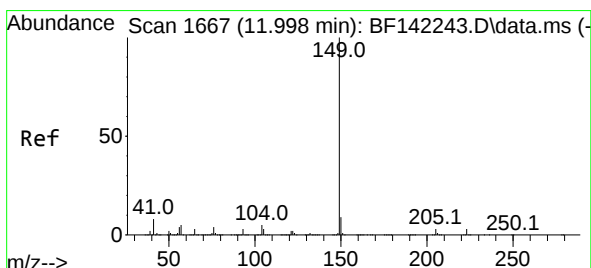
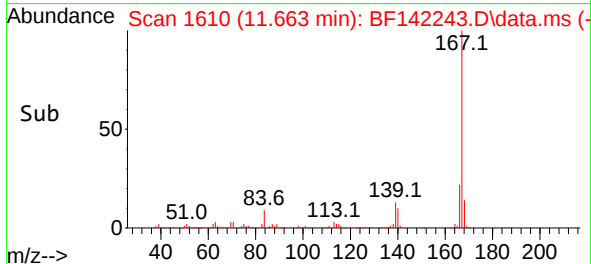
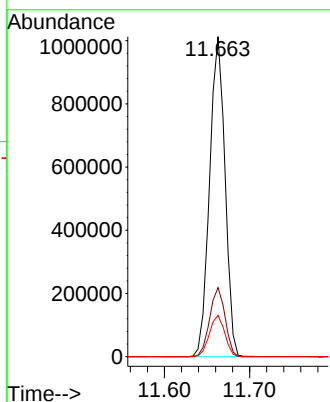
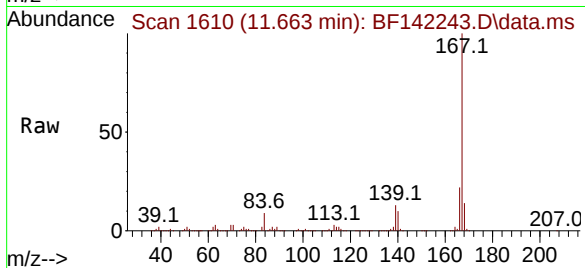
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 1273184

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.9	10.3	15.5



#74

Di-n-butylphthalate

Concen: 42.180 ng

RT: 11.998 min Scan# 1667

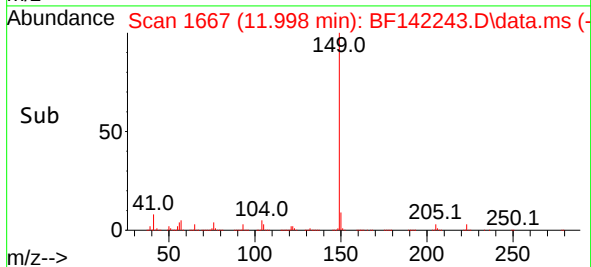
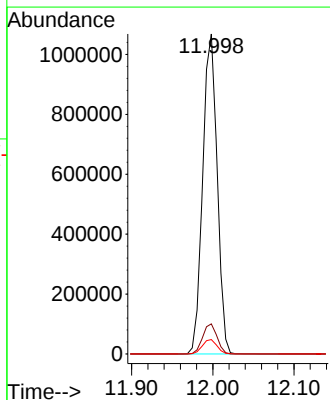
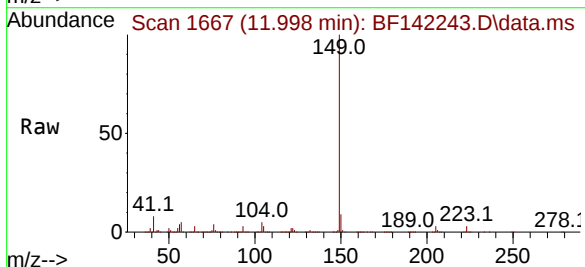
Delta R.T. 0.000 min

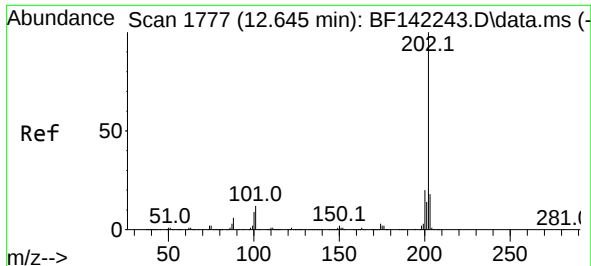
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:149 Resp: 1317363

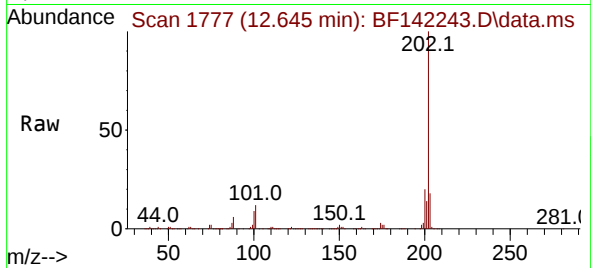
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.6	5.4





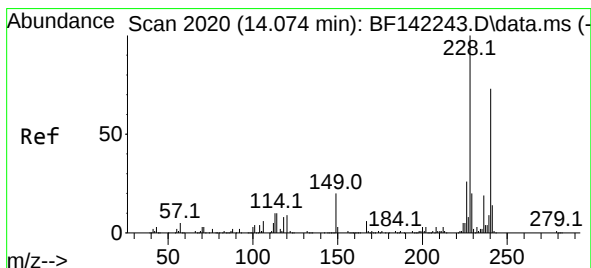
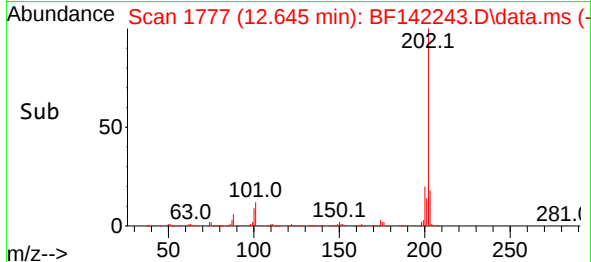
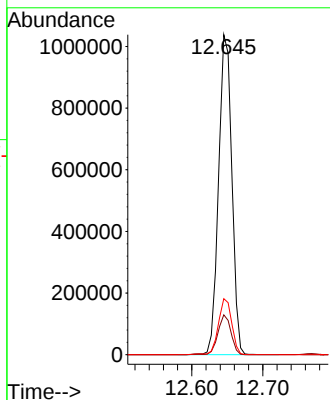
#75
 Fluoranthene
 Concen: 40.652 ng
 RT: 12.645 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:202 Resp: 1338006

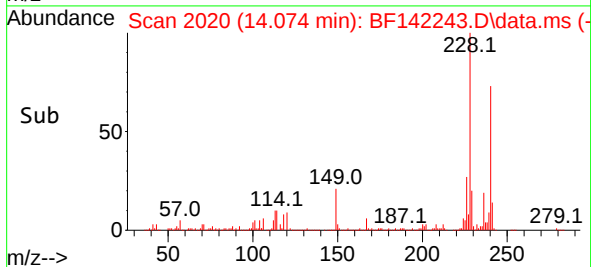
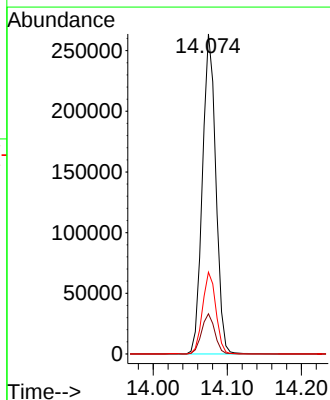
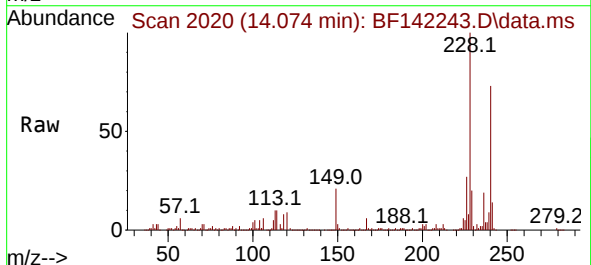
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
203	17.5	0.0	37.5

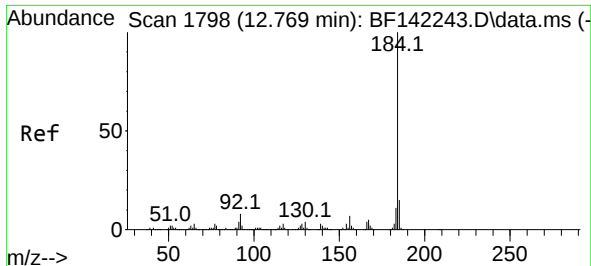


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.074 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: BF142243.D
 Acq: 30 Apr 2025 13:17

Tgt Ion:240 Resp: 331192

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.1	15.1
236	25.6	20.5	30.7

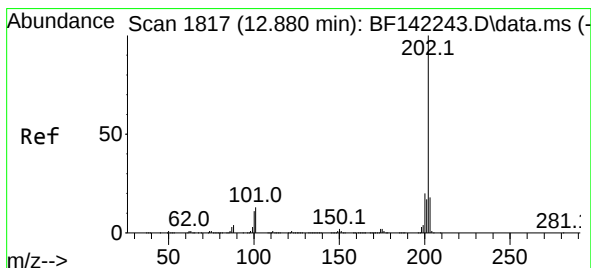
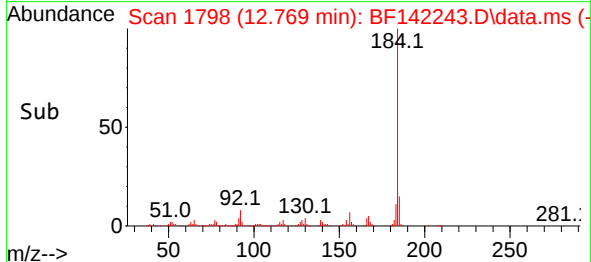
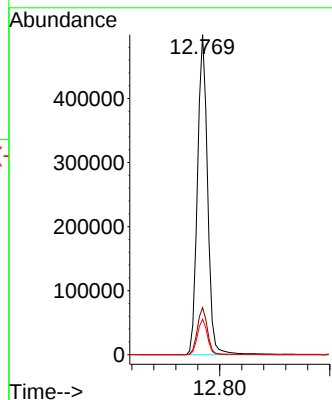
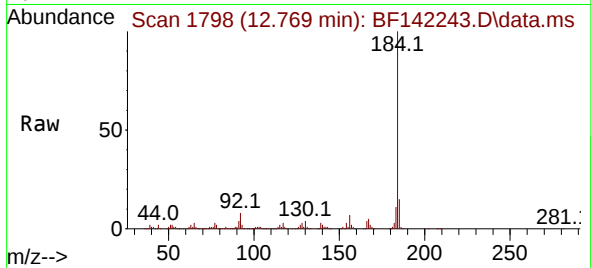




#77
Benzidine
Concen: 45.346 ng
RT: 12.769 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

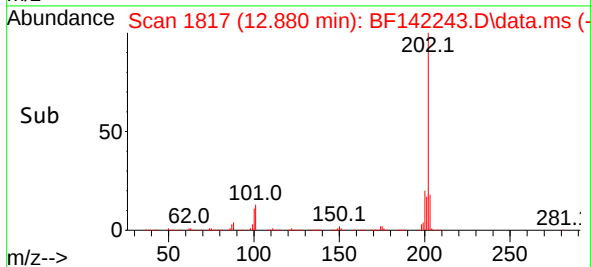
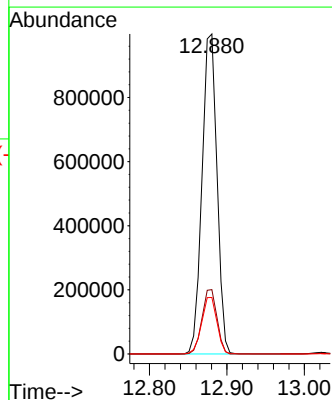
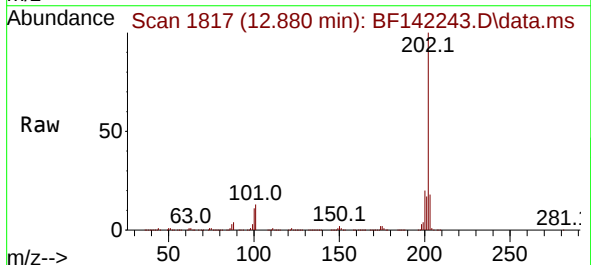
Instrument :
BNA_F
ClientSampleId :

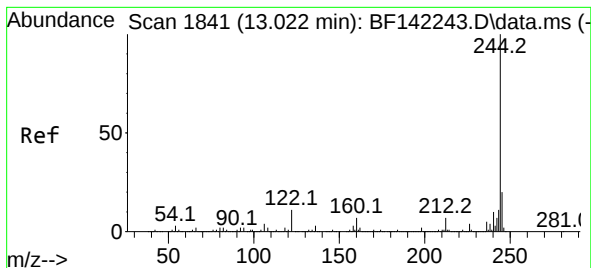
Tgt Ion:184 Resp: 638142
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 11.1 8.9 13.3



#78
Pyrene
Concen: 43.920 ng
RT: 12.880 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:202 Resp: 1341800
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 86.181 ng

RT: 13.022 min Scan# 1841

Delta R.T. 0.000 min

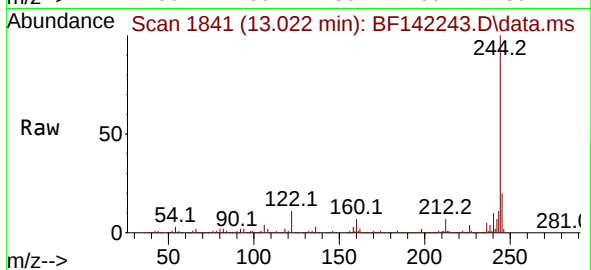
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



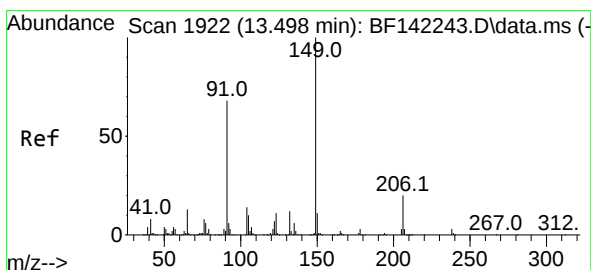
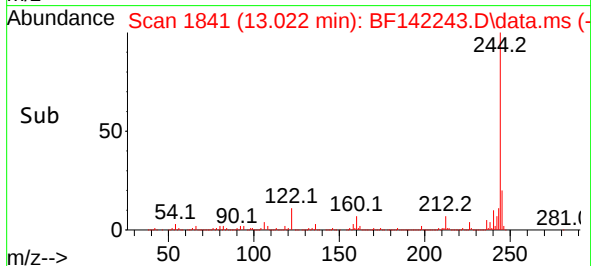
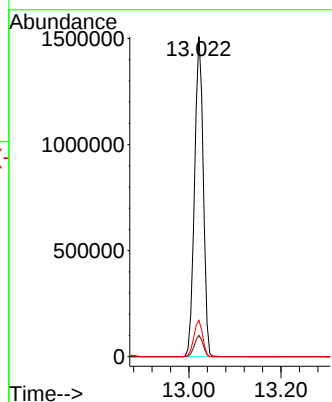
Tgt Ion:244 Resp: 1962470

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 11.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 40.624 ng

RT: 13.498 min Scan# 1922

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

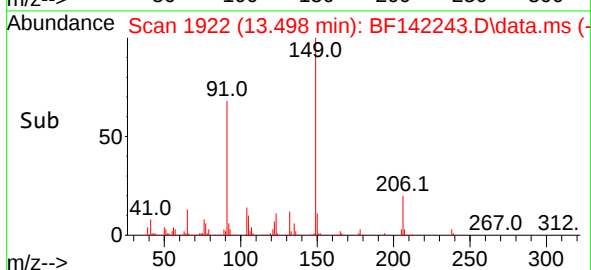
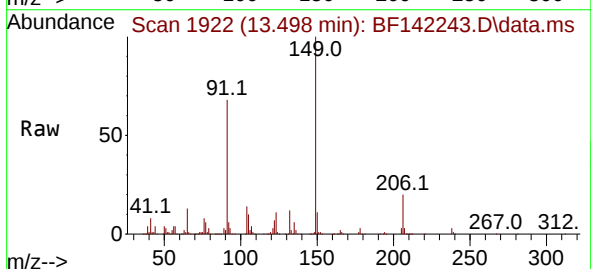
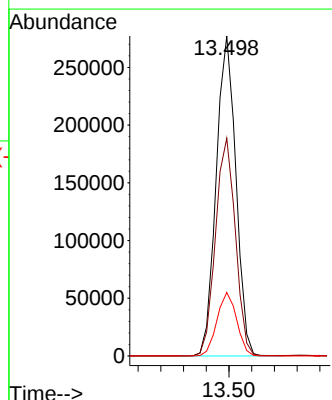
Tgt Ion:149 Resp: 334175

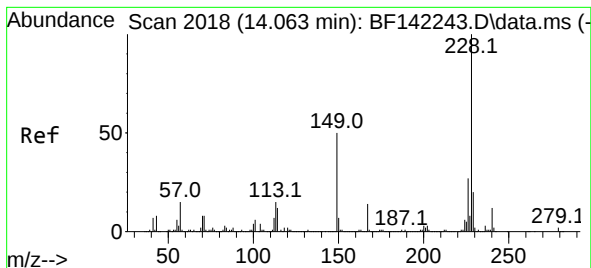
Ion Ratio Lower Upper

149 100

91 68.0 54.4 81.6

206 19.9 15.9 23.9





#81

Benzo(a)anthracene

Concen: 42.831 ng

RT: 14.063 min Scan# 2018

Delta R.T. 0.000 min

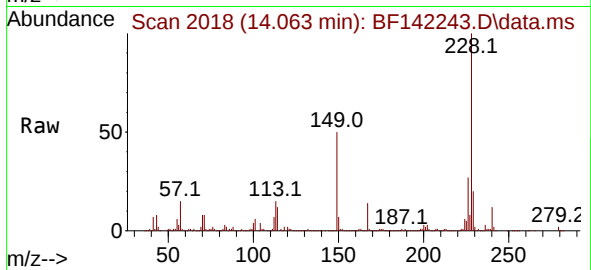
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



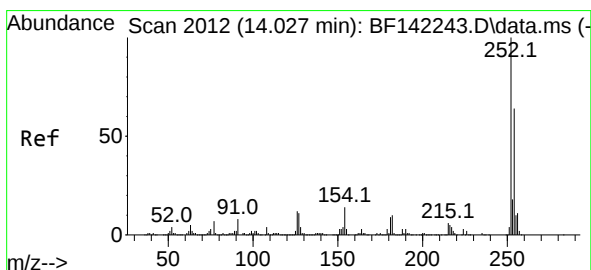
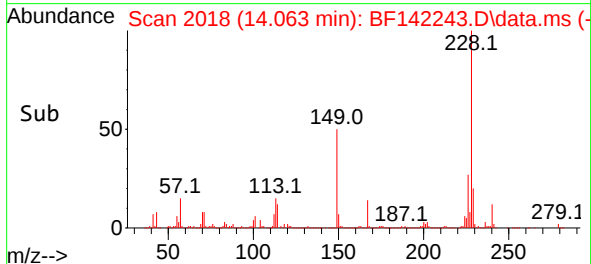
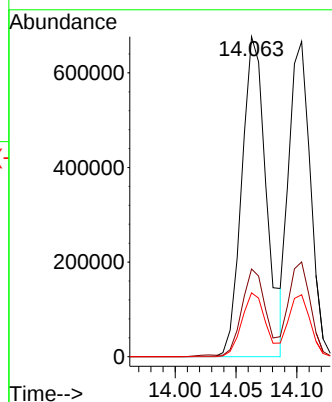
Tgt Ion:228 Resp: 952290

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 44.859 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

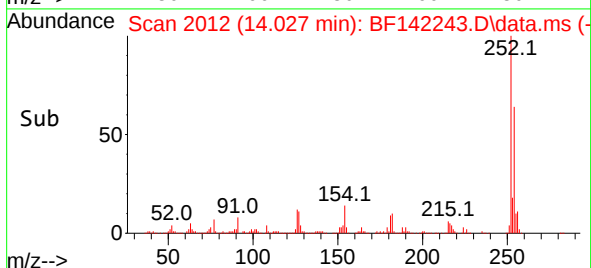
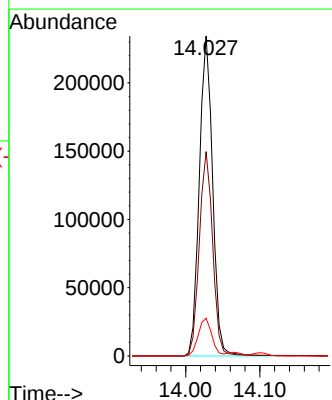
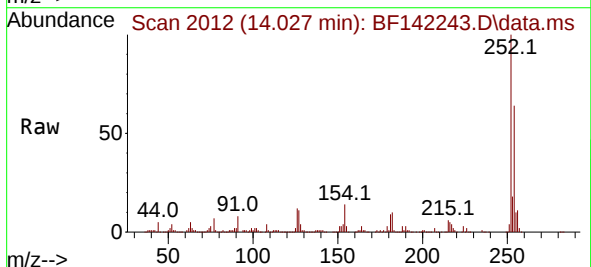
Tgt Ion:252 Resp: 292958

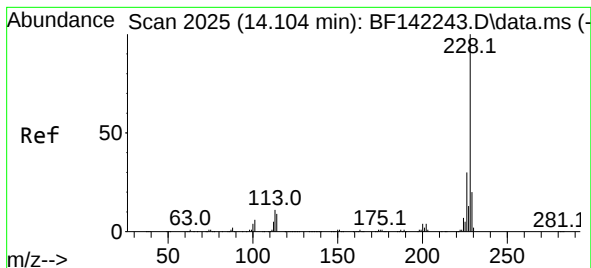
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 11.8 9.4 14.2





#83

Chrysene

Concen: 40.321 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.000 min

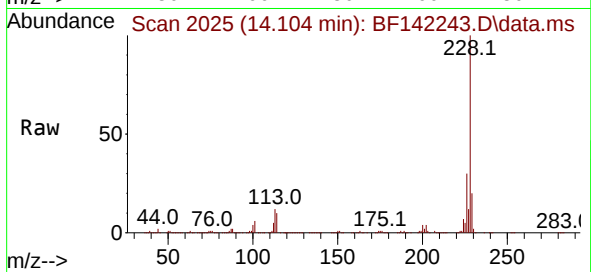
Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :



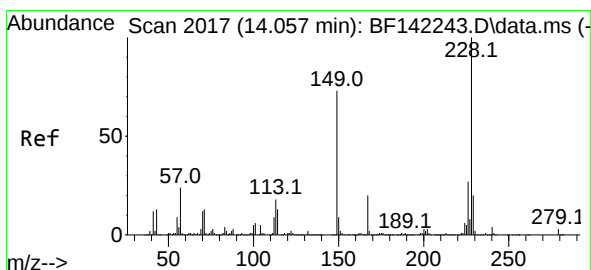
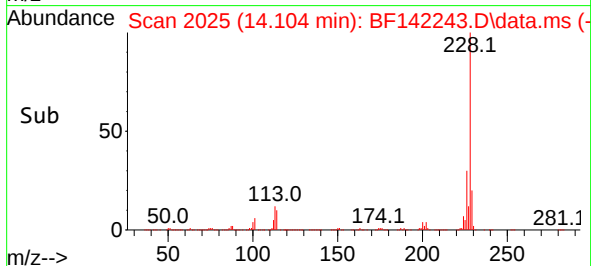
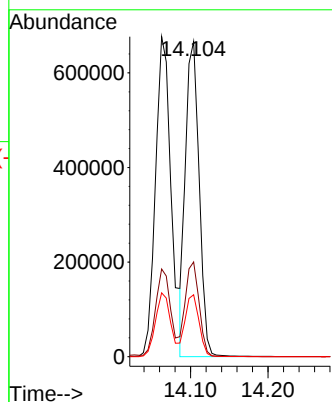
Tgt Ion:228 Resp: 816041

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.356 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

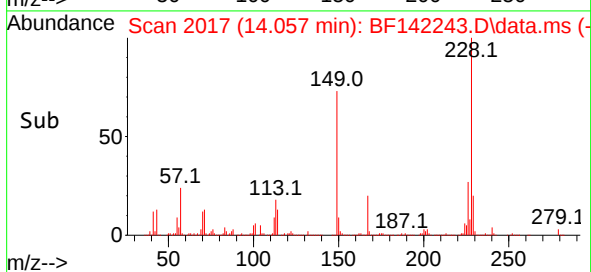
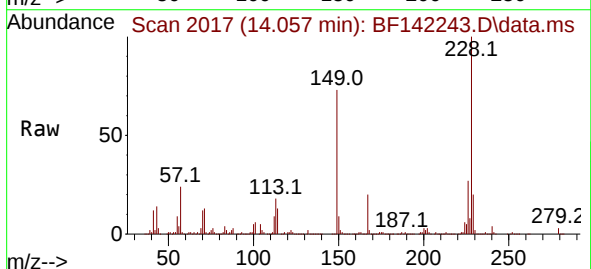
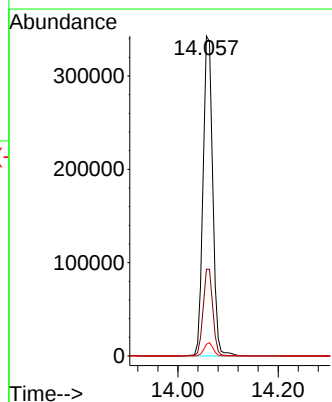
Tgt Ion:149 Resp: 460074

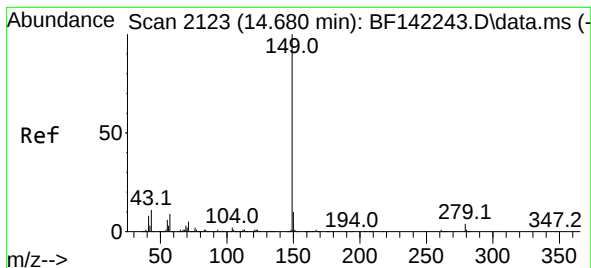
Ion Ratio Lower Upper

149 100

167 27.1 21.7 32.5

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 40.504 ng

RT: 14.680 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

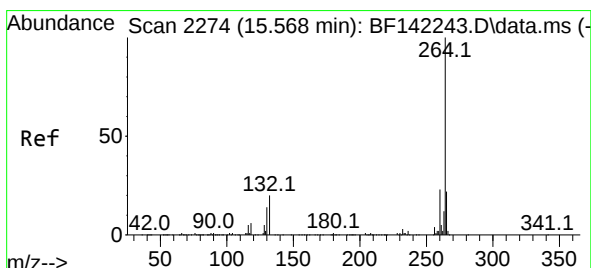
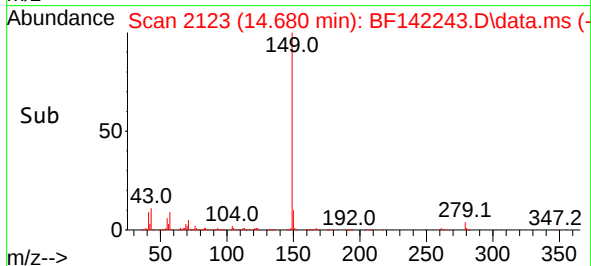
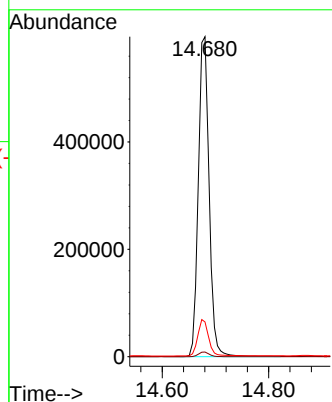
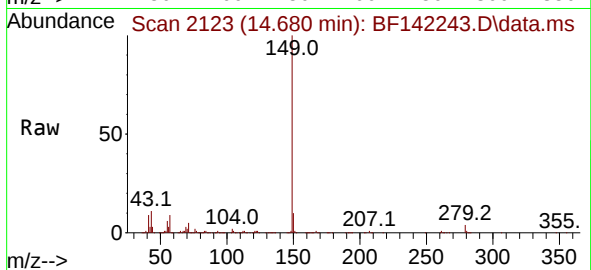
Tgt Ion:149 Resp: 836078

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 11.6 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

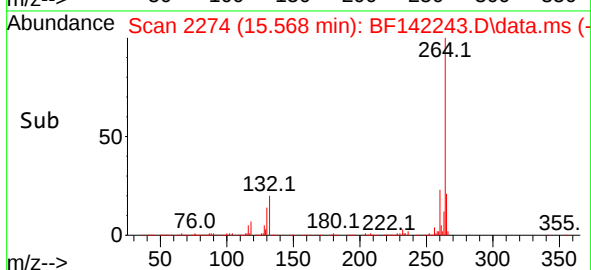
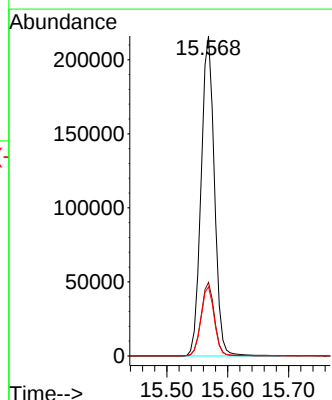
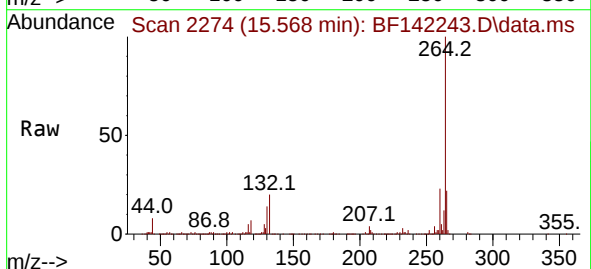
Tgt Ion:264 Resp: 328405

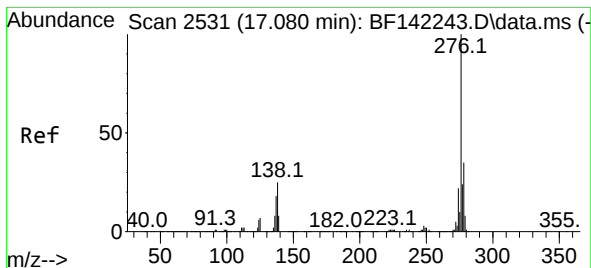
Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.049 ng

RT: 17.080 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

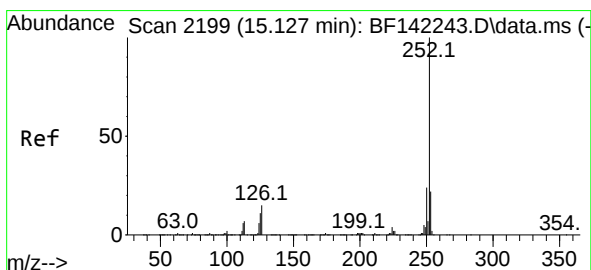
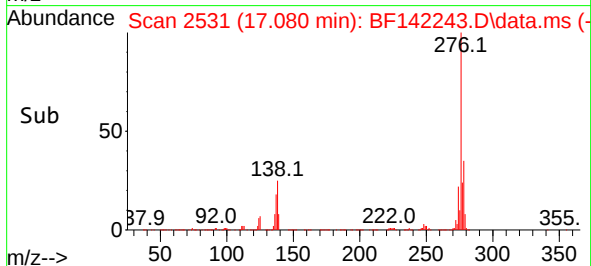
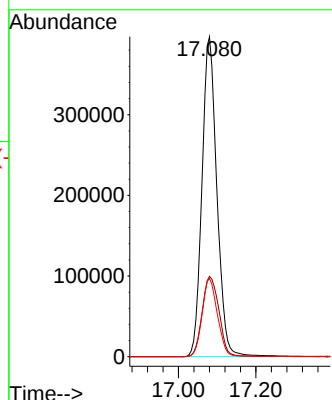
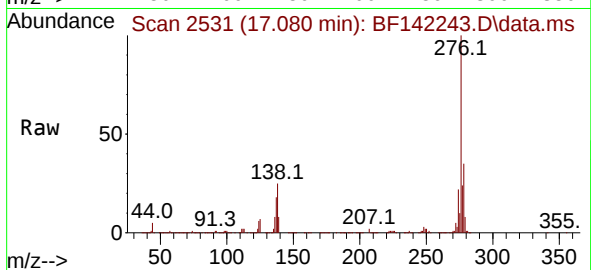
Tgt Ion:276 Resp: 1059591

Ion Ratio Lower Upper

276 100

138 28.2 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 41.912 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

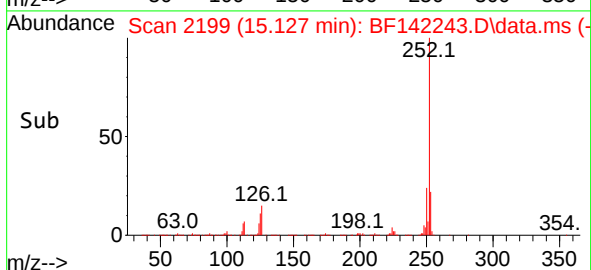
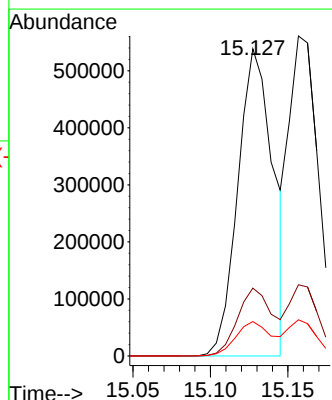
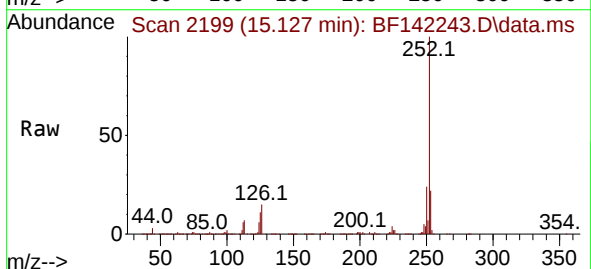
Tgt Ion:252 Resp: 854971

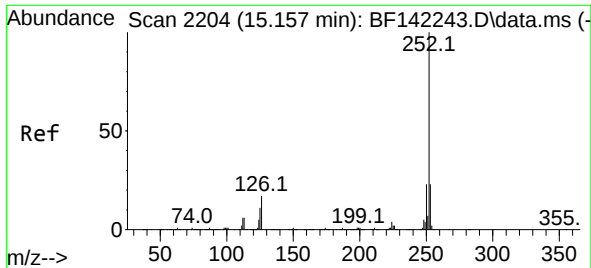
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

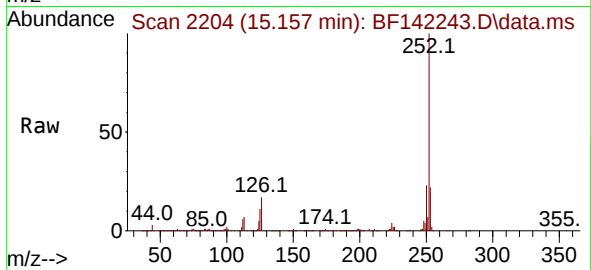
125 11.2 9.0 13.4



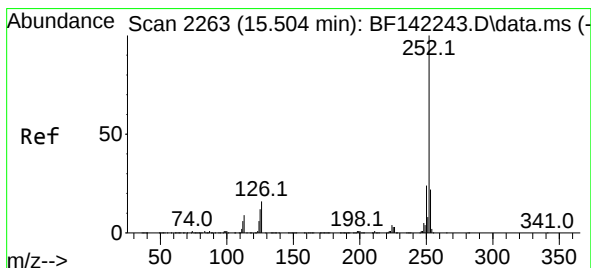
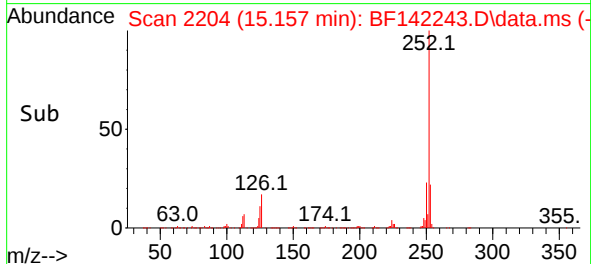
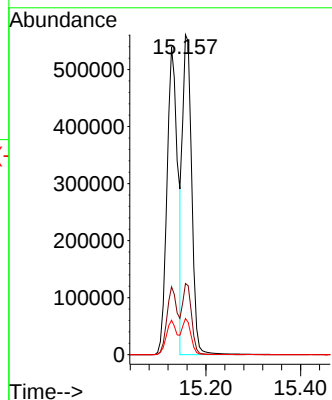


#89
Benzo(k)fluoranthene
Concen: 40.310 ng
RT: 15.157 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Instrument :
BNA_F
ClientSampleId :

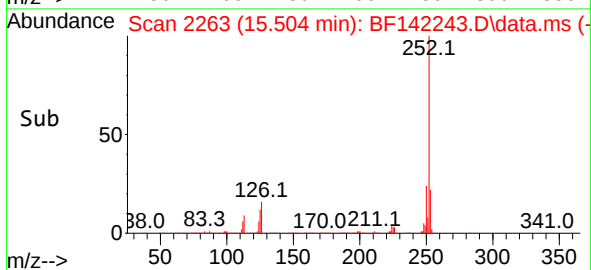
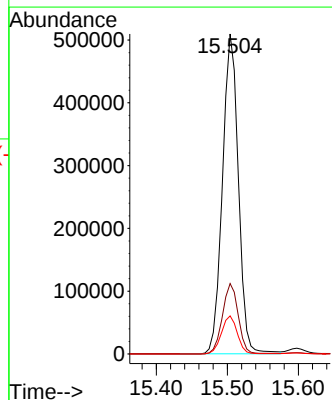
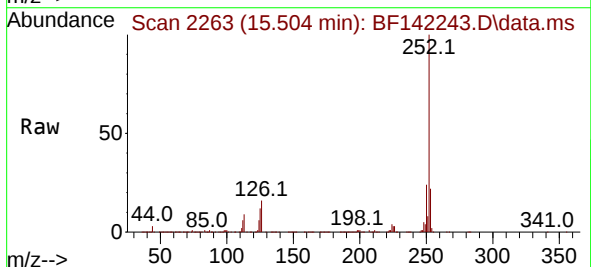


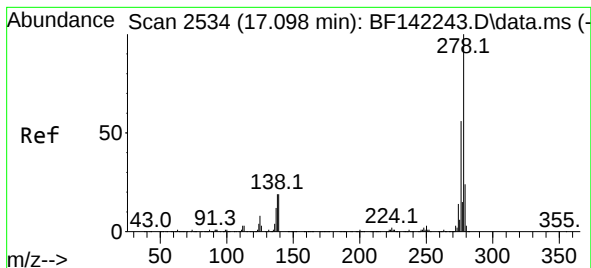
Tgt Ion:252 Resp: 752135
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 42.318 ng
RT: 15.504 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF142243.D
Acq: 30 Apr 2025 13:17

Tgt Ion:252 Resp: 790330
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 44.142 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Instrument :

BNA_F

ClientSampleId :

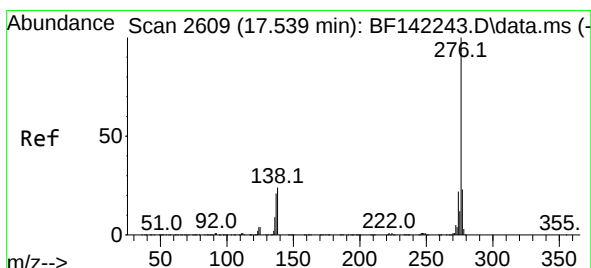
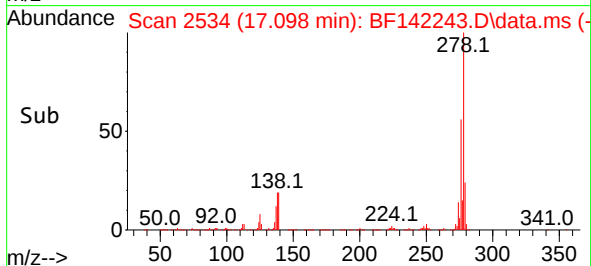
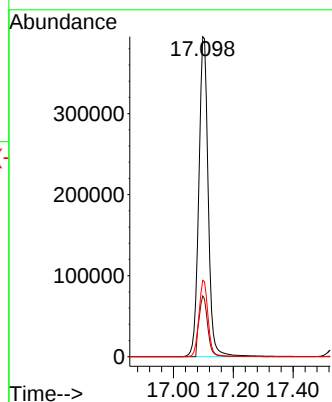
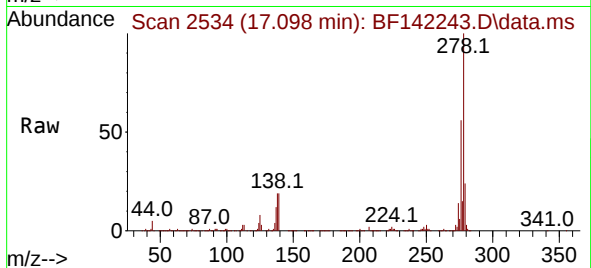
Tgt Ion:278 Resp: 861783

Ion Ratio Lower Upper

278 100

139 19.0 15.2 22.8

279 23.8 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 43.758 ng

RT: 17.539 min Scan# 2609

Delta R.T. 0.000 min

Lab File: BF142243.D

Acq: 30 Apr 2025 13:17

Tgt Ion:276 Resp: 858804

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 24.2 19.4 29.0

