

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142013.D
 Acq On : 20 Mar 2025 16:07
 Operator : RC/JU
 Sample : Q1606-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MS

Quant Time: Mar 20 16:31:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	152731	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	575838	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	299248	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	397242	20.000	ng	0.00
76) Chrysene-d12	14.039	240	303911	20.000	ng	0.00
86) Perylene-d12	15.510	264	362981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	866335	94.668	ng	0.00
7) Phenol-d6	6.498	99	1072593	92.056	ng	0.00
23) Nitrobenzene-d5	7.434	82	697501	68.166	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	329752	86.860	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1330230	67.604	ng	0.00
79) Terphenyl-d14	12.980	244	925946	45.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	172410	44.964	ng	97
3) Pyridine	3.475	79	382624	40.681	ng	98
4) n-Nitrosodimethylamine	3.422	42	189289	42.219	ng	98
6) Aniline	6.534	93	277425	24.136	ng	92
8) 2-Chlorophenol	6.657	128	451719	44.507	ng	98
9) Benzaldehyde	6.422	77	124465	19.100	ng	96
10) Phenol	6.516	94	523802	42.732	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	390902	42.470	ng	99
12) 1,3-Dichlorobenzene	6.816	146	487439	44.485	ng	99
13) 1,4-Dichlorobenzene	6.892	146	488536	44.065	ng	99
14) 1,2-Dichlorobenzene	7.045	146	469988	45.007	ng	98
15) Benzyl Alcohol	7.016	79	388189	41.211	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	434548	39.106	ng	96
17) 2-Methylphenol	7.122	107	348445	43.179	ng	99
18) Hexachloroethane	7.387	117	184543	44.389	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	294739	39.368	ng	99
20) 3+4-Methylphenols	7.275	107	440386	42.605	ng	# 86
22) Acetophenone	7.281	105	666766	48.352	ng	96
24) Nitrobenzene	7.457	77	454806	44.711	ng	99
25) Isophorone	7.692	82	815432	45.083	ng	99
26) 2-Nitrophenol	7.769	139	237681	47.607	ng	99
27) 2,4-Dimethylphenol	7.804	122	368159	53.554	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	492464	43.410	ng	99
29) 2,4-Dichlorophenol	8.010	162	370565	43.428	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	419357	44.596	ng	99
31) Naphthalene	8.181	128	1386811	46.884	ng	100
32) Benzoic acid	7.898	122	165709	27.422	ng	98
33) 4-Chloroaniline	8.222	127	124789	11.951	ng	98
34) Hexachlorobutadiene	8.292	225	285339	46.529	ng	99
35) Caprolactam	8.592	113	104077	40.007	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	377361	39.645	ng	97
37) 2-Methylnaphthalene	8.869	142	823427	41.647	ng	100
38) 1-Methylnaphthalene	8.969	142	790016	41.407	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	479779	52.660	ng	98
41) Hexachlorocyclopentadiene	9.022	237	505880	141.877	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	267098	44.858	ng	99

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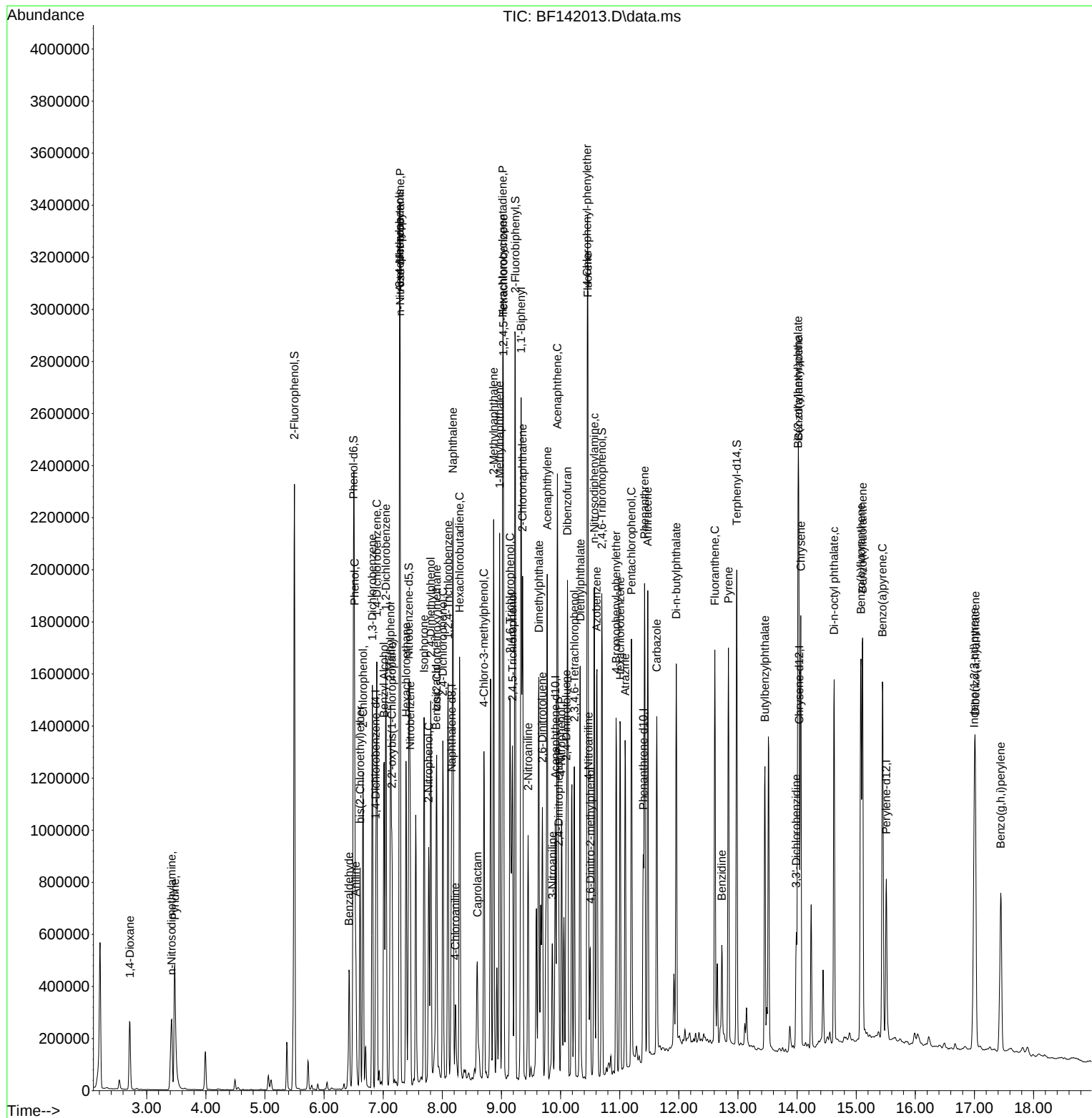
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	272559	45.196	ng	99
46) 1,1'-Biphenyl	9.333	154	1152112	50.671	ng	100
47) 2-Chloronaphthalene	9.357	162	779578	46.000	ng	98
48) 2-Nitroaniline	9.451	65	208295	42.449	ng	96
49) Acenaphthylene	9.775	152	1166082	46.367	ng	100
50) Dimethylphthalate	9.633	163	918104	43.812	ng	100
51) 2,6-Dinitrotoluene	9.692	165	192071	44.021	ng	95
52) Acenaphthene	9.945	154	810682	45.870	ng	99
53) 3-Nitroaniline	9.863	138	117949	26.650	ng	97
54) 2,4-Dinitrophenol	9.969	184	135668	56.803	ng	# 48
55) Dibenzofuran	10.116	168	1047331	41.473	ng	99
56) 4-Nitrophenol	10.016	139	228793	68.549	ng	98
57) 2,4-Dinitrotoluene	10.098	165	250441	43.947	ng	95
58) Fluorene	10.463	166	796062	40.877	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	208493	37.993	ng	98
60) Diethylphthalate	10.333	149	872296	41.746	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	427655	42.120	ng	98
62) 4-Nitroaniline	10.475	138	141021	32.728	ng	97
63) Azobenzene	10.610	77	848737	43.689	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	103131	43.550	ng	95
66) n-Nitrosodiphenylamine	10.569	169	675393	52.540	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	249011	49.913	ng	99
68) Hexachlorobenzene	11.010	284	271693	49.654	ng	96
69) Atrazine	11.092	200	240874	61.123	ng	100
70) Pentachlorophenol	11.198	266	265621	78.790	ng	100
71) Phenanthrene	11.422	178	975078	45.445	ng	99
72) Anthracene	11.474	178	1000107	46.460	ng	99
73) Carbazole	11.627	167	731412	39.398	ng	100
74) Di-n-butylphthalate	11.957	149	1047061	42.506	ng	99
75) Fluoranthene	12.610	202	860248	37.796	ng	99
77) Benzidine	12.727	184	206553	48.714	ng	99
78) Pyrene	12.839	202	874347	33.260	ng	99
80) Butylbenzylphthalate	13.457	149	360776	35.063	ng	99
81) Benzo(a)anthracene	14.027	228	909251	45.593	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	135543	23.519	ng	98
83) Chrysene	14.063	228	811226	44.875	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	528102	37.225	ng	99
85) Di-n-octyl phthalate	14.627	149	1002694	50.796	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	860142	36.632	ng	98
88) Benzo(b)fluoranthene	15.080	252	983960	39.553	ng	99
89) Benzo(k)fluoranthene	15.110	252	882542	41.455	ng	99
90) Benzo(a)pyrene	15.445	252	900988	46.287	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	702231	36.247	ng	99
92) Benzo(g,h,i)perylene	17.445	276	588725	30.751	ng	98

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

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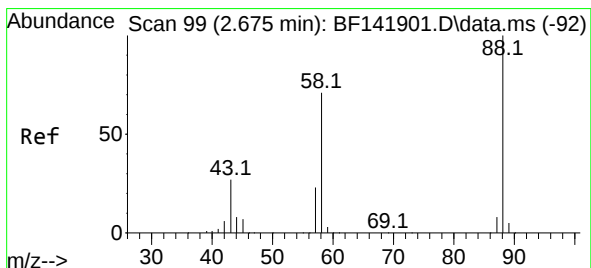
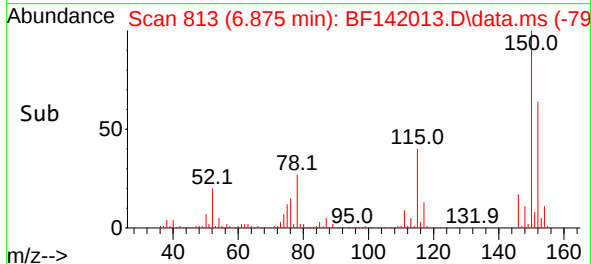
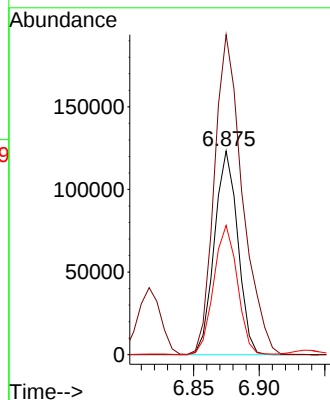
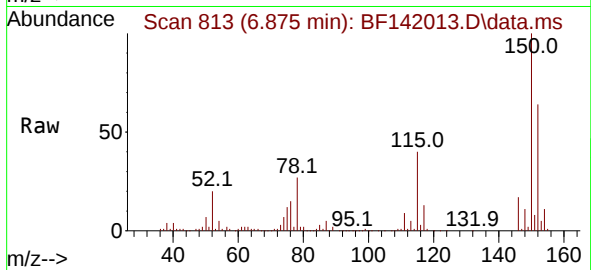




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF142013.D
 Acq: 20 Mar 2025 16:07

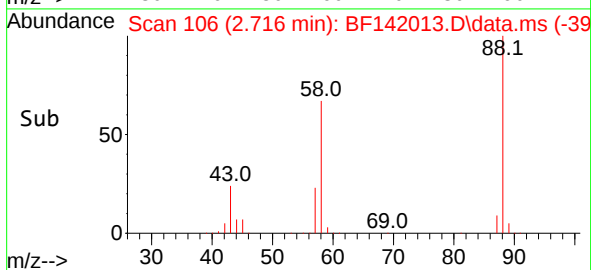
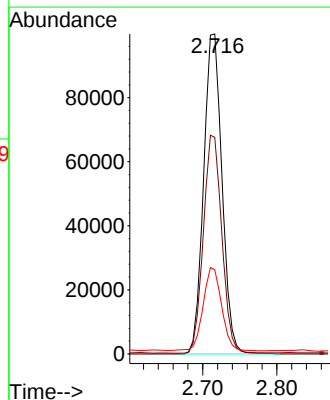
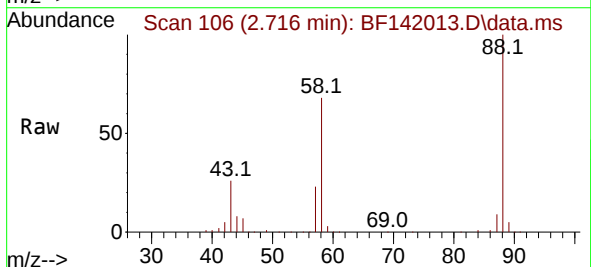
Instrument :
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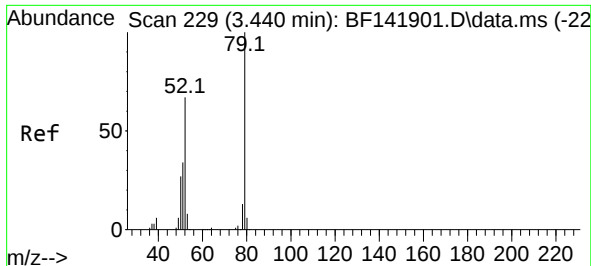
Tgt Ion:152 Resp: 152731
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.2
 115 63.5 51.9 77.9



#2
 1,4-Dioxane
 Concen: 44.964 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.041 min
 Lab File: BF142013.D
 Acq: 20 Mar 2025 16:07

Tgt Ion: 88 Resp: 172410
 Ion Ratio Lower Upper
 88 100
 58 68.4 57.4 86.2
 43 26.1 21.5 32.3

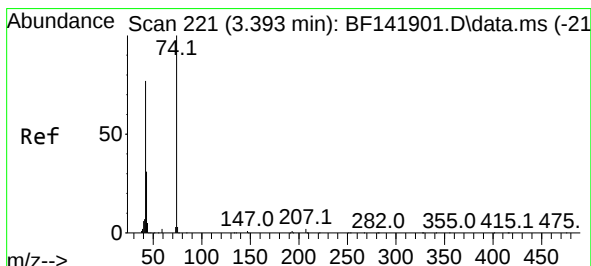
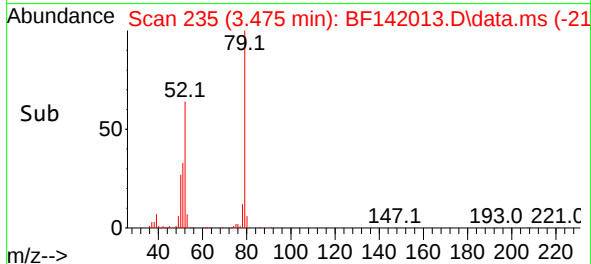
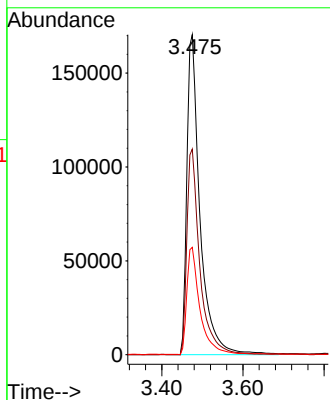
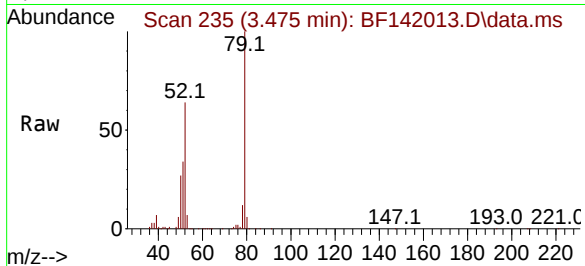




#3
Pyridine
Concen: 40.681 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

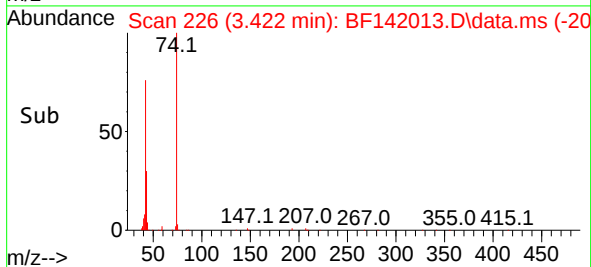
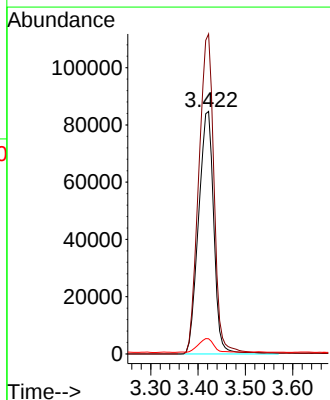
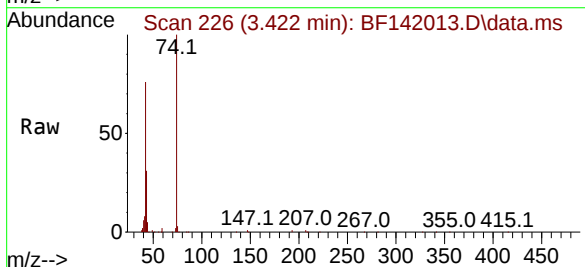
Instrument :
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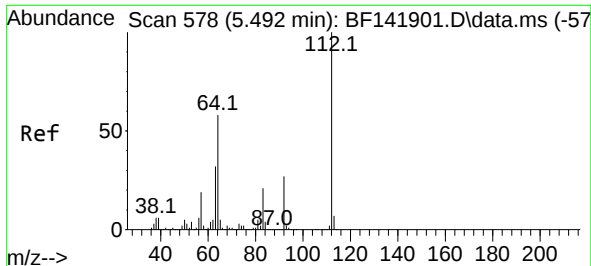
Tgt Ion: 79 Resp: 382624
Ion Ratio Lower Upper
79 100
52 64.3 53.3 79.9
51 33.6 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 42.219 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.029 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 42 Resp: 189289
Ion Ratio Lower Upper
42 100
74 131.9 103.4 155.0
44 6.3 5.0 7.4

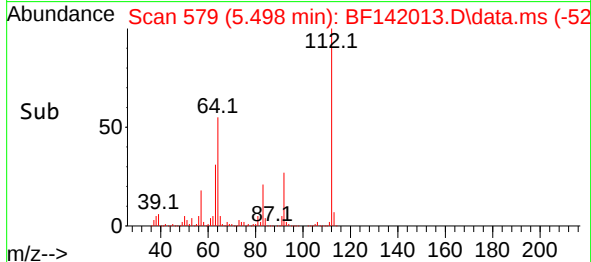
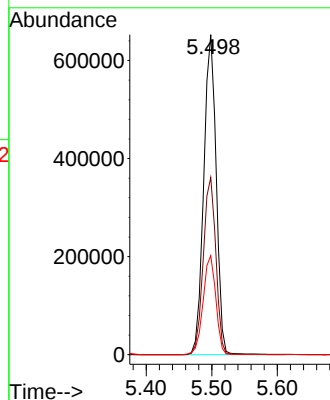
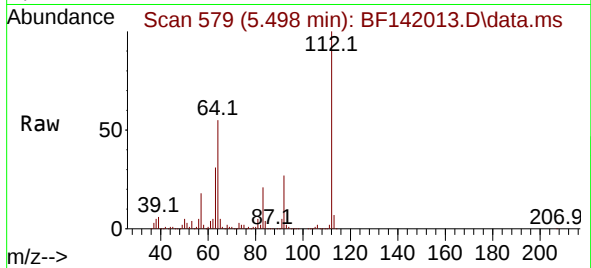




#5
2-Fluorophenol
Concen: 94.668 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

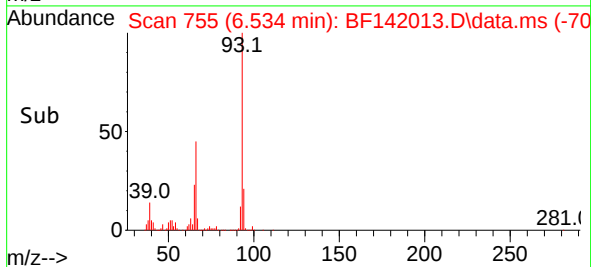
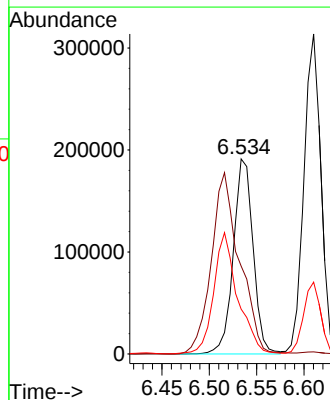
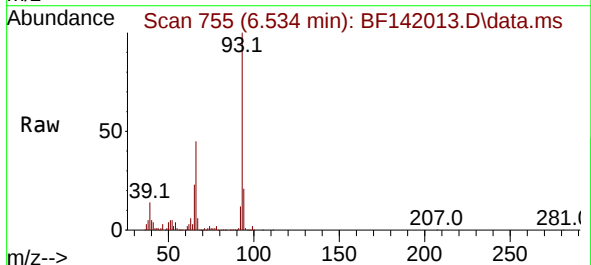
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:112 Resp: 866335
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 31.0 25.4 38.2



#6
Aniline
Concen: 24.136 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 93 Resp: 277425
Ion Ratio Lower Upper
93 100
66 45.0 31.9 47.9
65 23.0 15.8 23.6



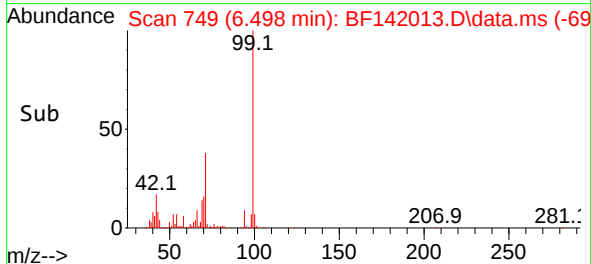
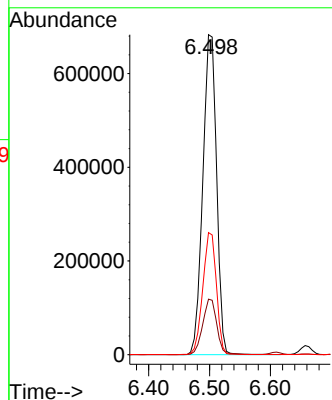
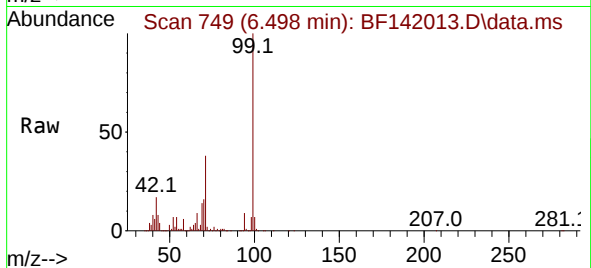


#7
Phenol-d6
Concen: 92.056 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion: 99 Resp: 1072593

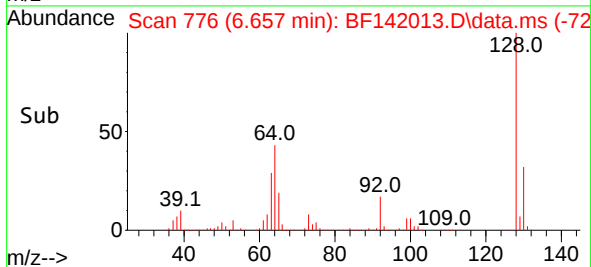
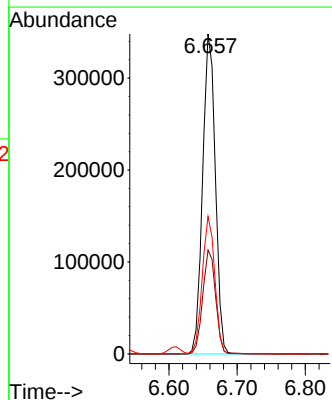
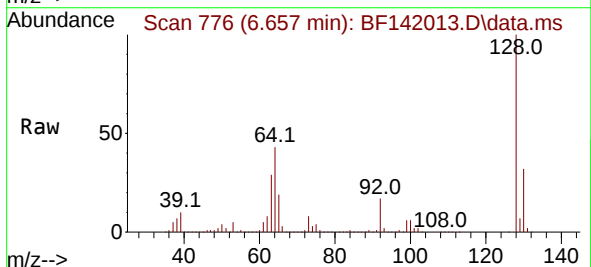
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	38.2	30.8	46.2



#8
2-Chlorophenol
Concen: 44.507 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 128 Resp: 451719

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	43.0	24.4	64.4

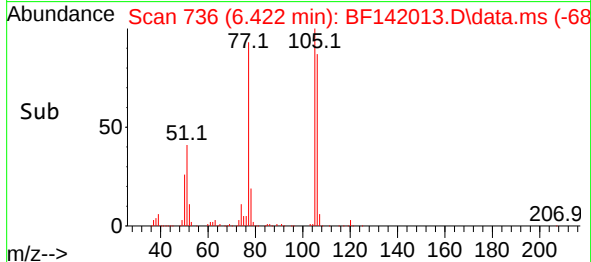
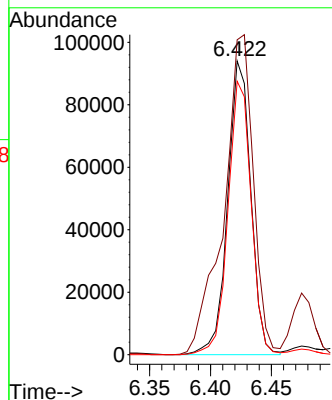
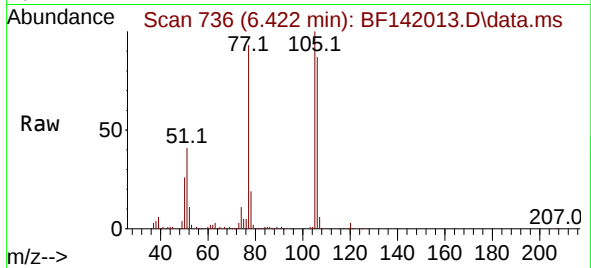




#9
Benzaldehyde
Concen: 19.100 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

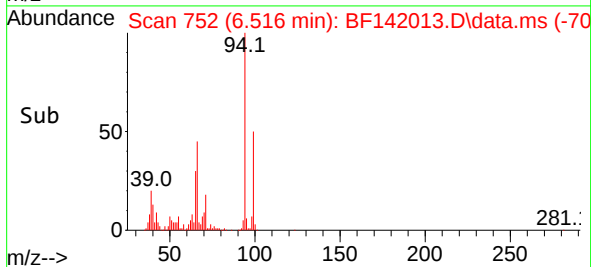
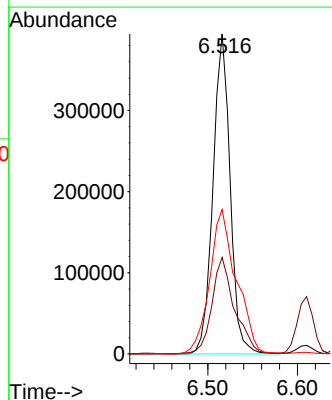
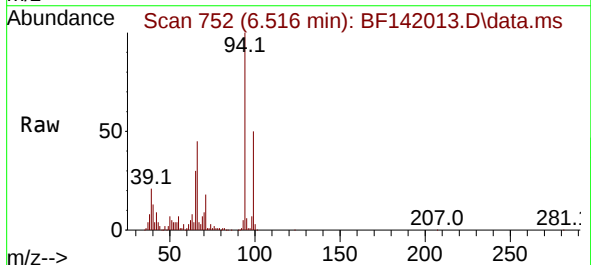
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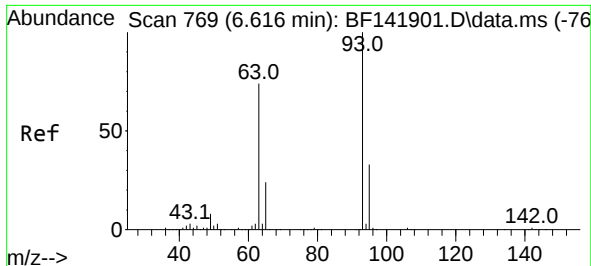
Tgt Ion: 77 Resp: 124465
Ion Ratio Lower Upper
77 100
105 107.2 80.0 120.0
106 93.1 74.5 114.5



#10
Phenol
Concen: 42.732 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 94 Resp: 523802
Ion Ratio Lower Upper
94 100
65 30.1 10.5 50.5
66 45.1 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 42.470 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

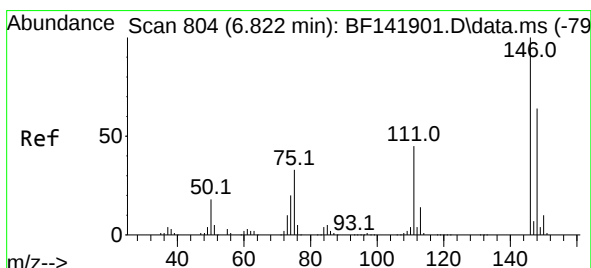
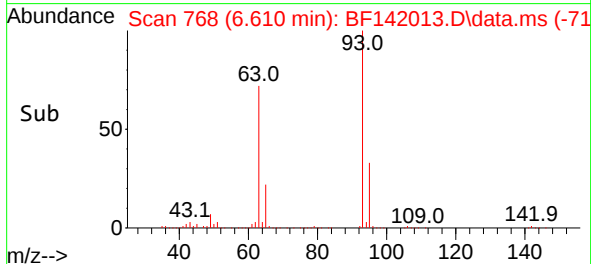
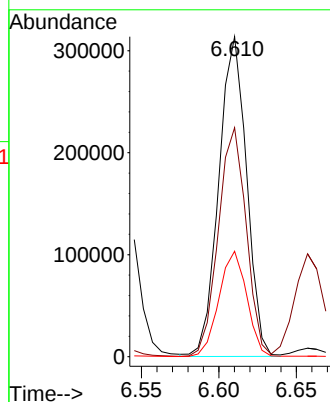
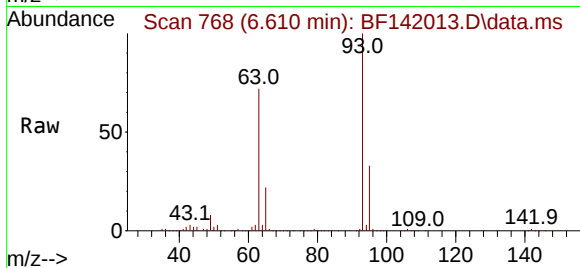
Tgt Ion: 93 Resp: 390902

Ion Ratio Lower Upper

93 100

63 71.5 53.0 93.0

95 32.9 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.485 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

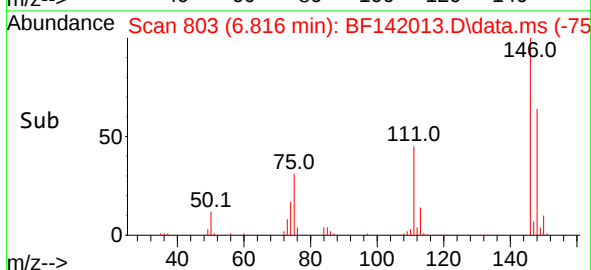
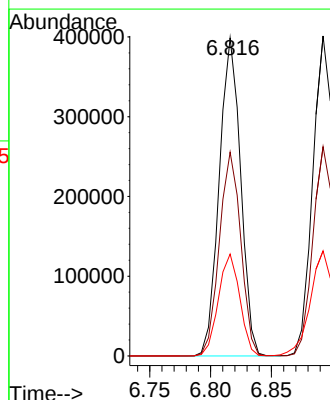
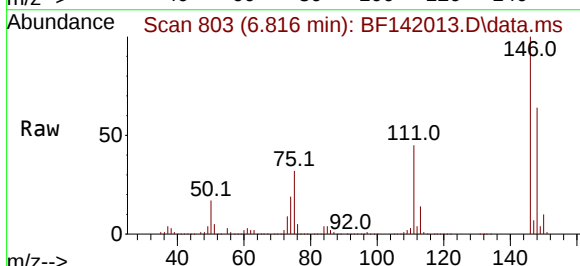
Tgt Ion:146 Resp: 487439

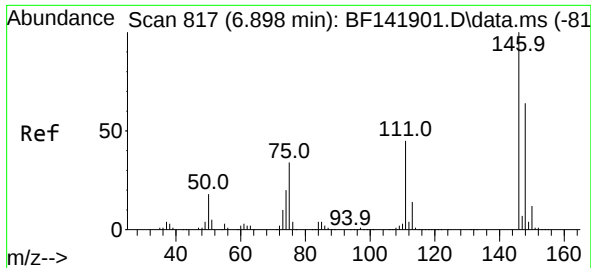
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 32.0 26.6 40.0

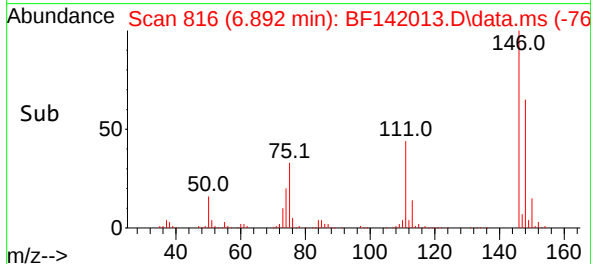
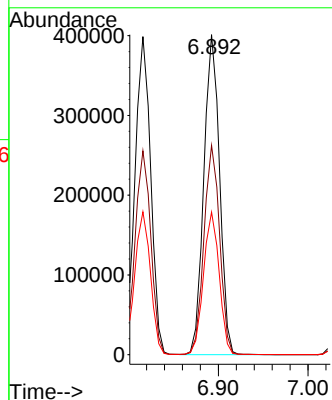
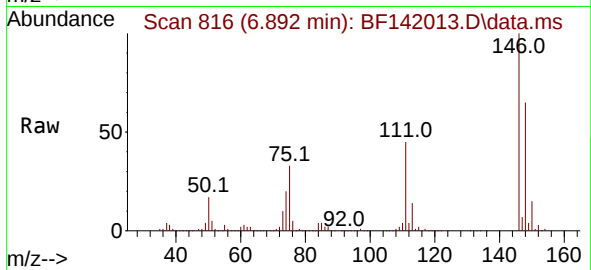




#13
1,4-Dichlorobenzene
Concen: 44.065 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

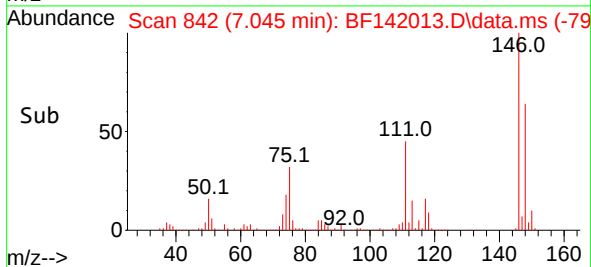
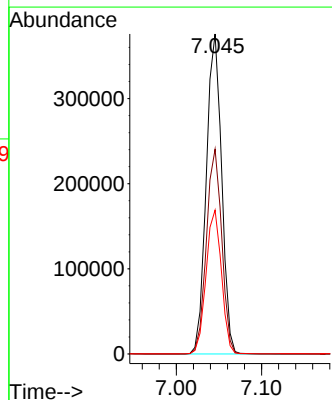
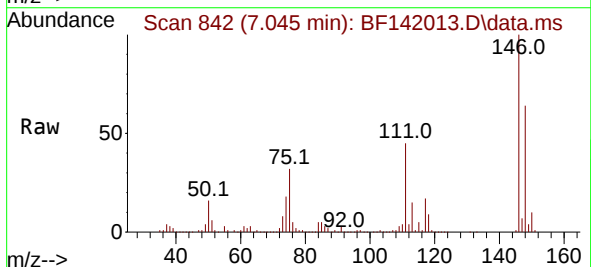
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:146 Resp: 488536
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
111 44.6 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 45.007 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:146 Resp: 469988
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 45.0 38.0 57.0

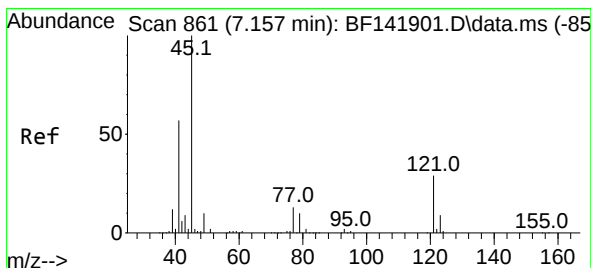
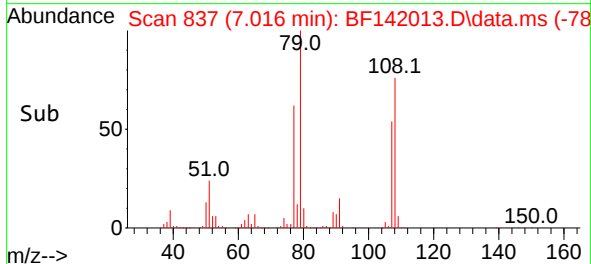
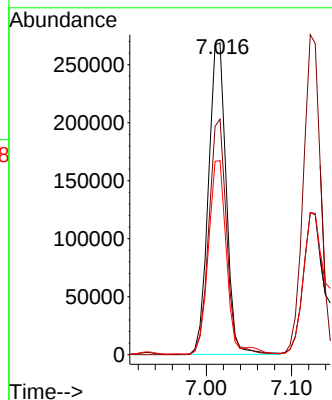
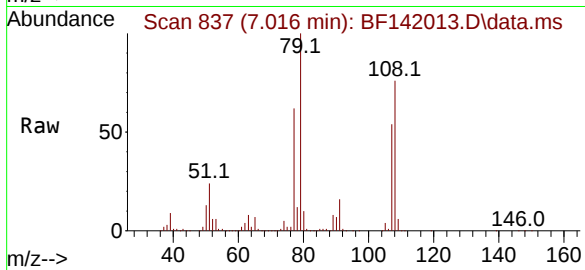




#15
Benzyl Alcohol
Concen: 41.211 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

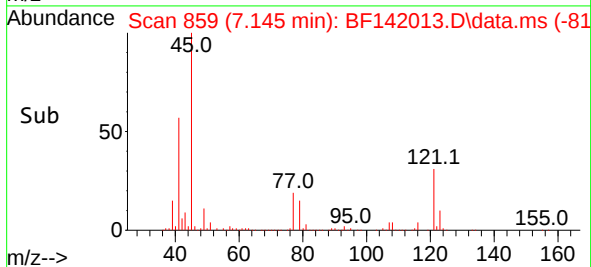
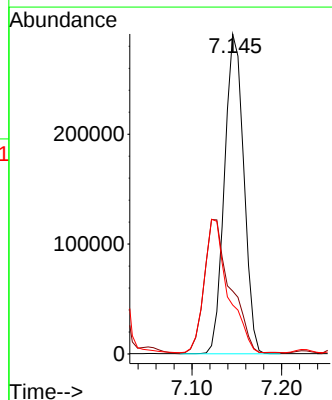
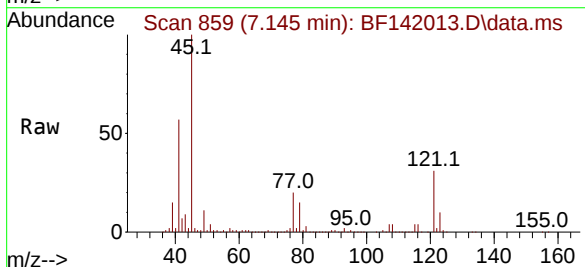
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

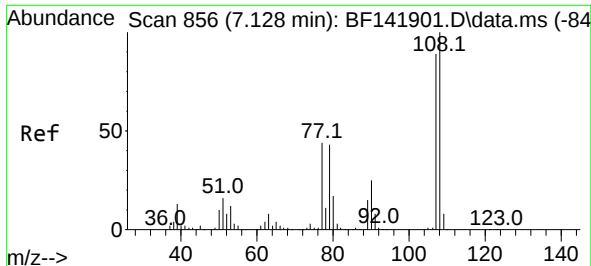
Tgt Ion: 79 Resp: 388189
Ion Ratio Lower Upper
79 100
108 75.6 59.7 89.5
77 62.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.106 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 45 Resp: 434548
Ion Ratio Lower Upper
45 100
77 19.6 0.0 37.8
79 15.3 0.0 34.2

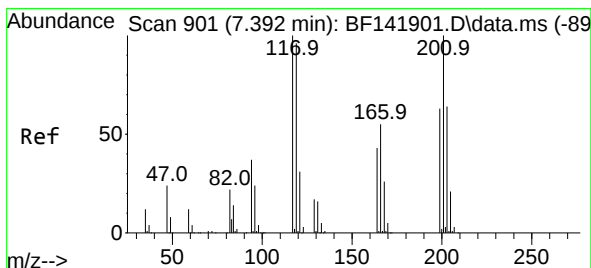
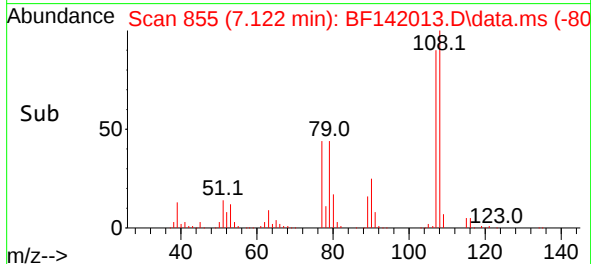
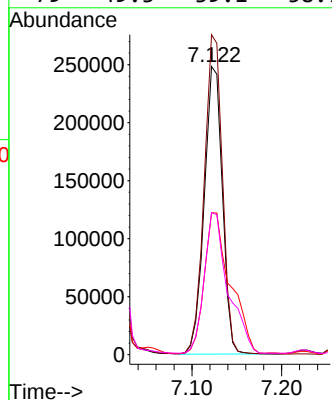
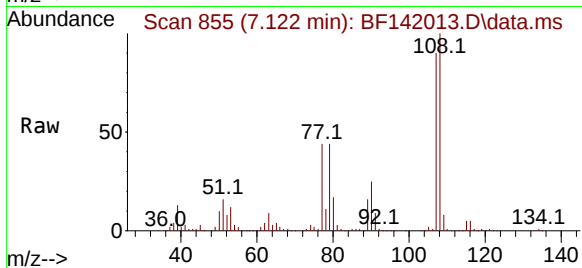




#17
2-Methylphenol
Concen: 43.179 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

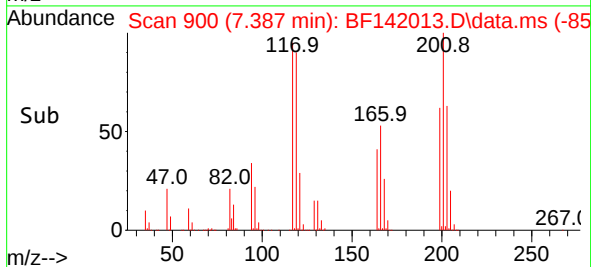
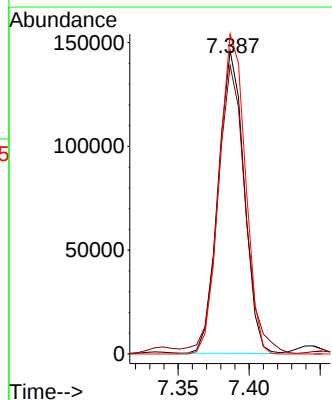
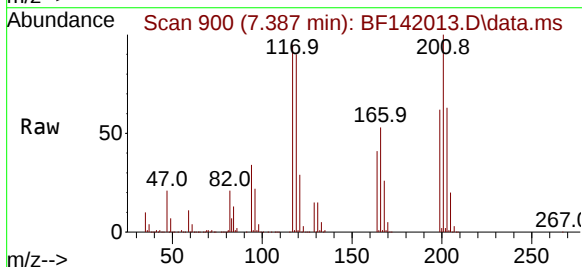
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:	107	Resp:	348445
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.2	135.2
77	49.2	39.6	59.4
79	49.3	39.1	58.7



#18
Hexachloroethane
Concen: 44.389 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:	117	Resp:	184543
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.9	115.3
201	105.5	79.9	119.9

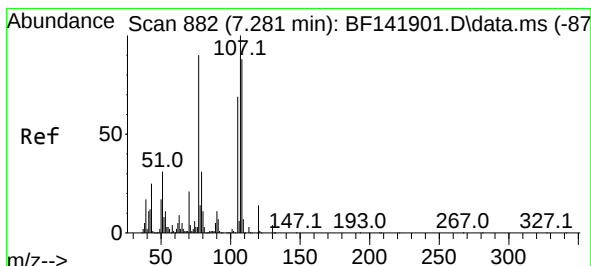
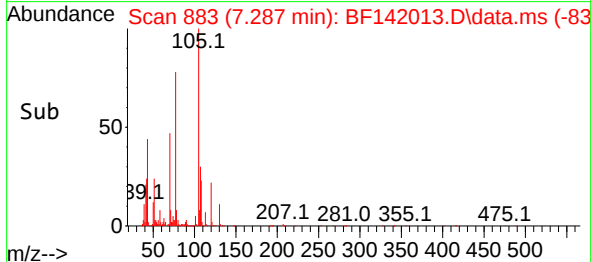
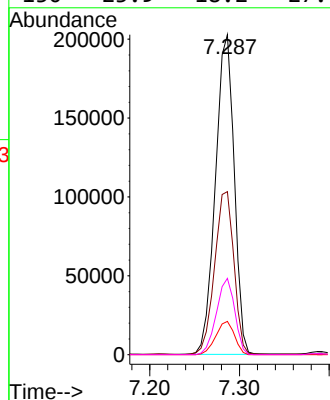
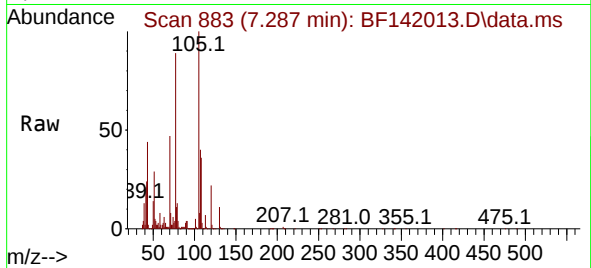




#19
n-Nitroso-di-n-propylamine
Concen: 39.368 ng
RT: 7.287 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

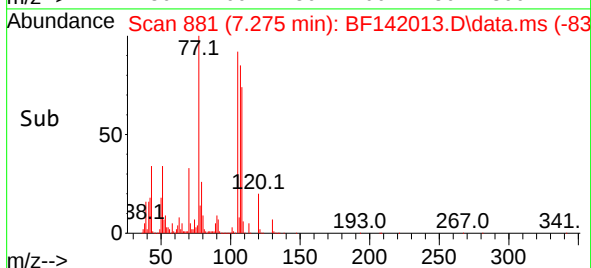
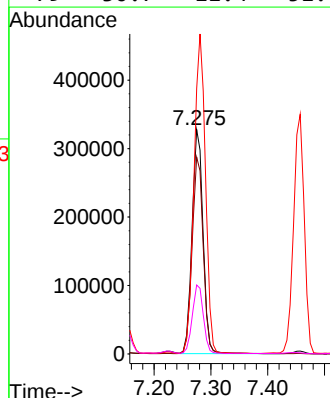
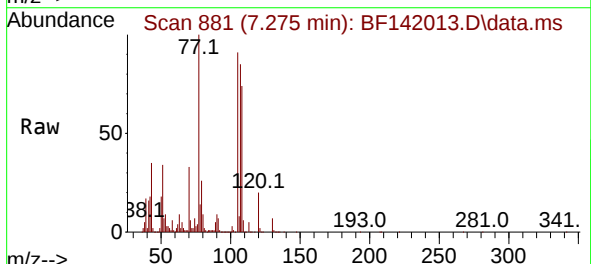
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion: 70 Resp: 294739
Ion Ratio Lower Upper
70 100
42 50.9 41.4 62.0
101 10.4 8.2 12.2
130 23.9 18.2 27.4



#20
3+4-Methylphenols
Concen: 42.605 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:107 Resp: 440386
Ion Ratio Lower Upper
107 100
108 87.7 68.4 108.4
77 118.3 69.7 109.7#
79 30.7 11.4 51.4

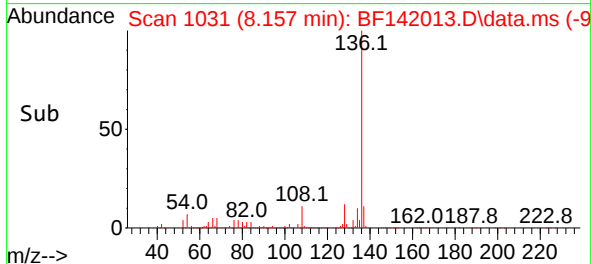
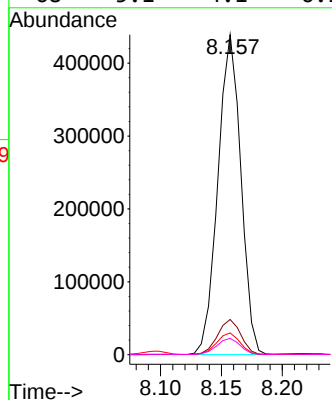
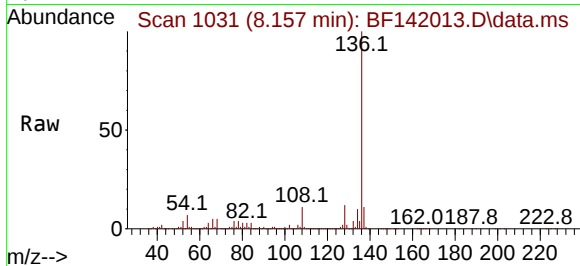




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

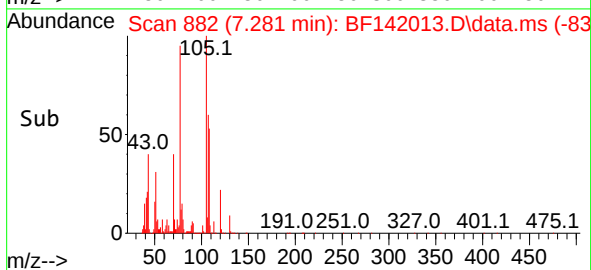
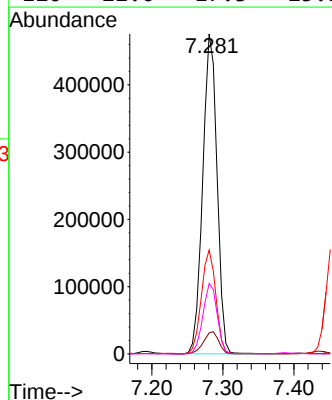
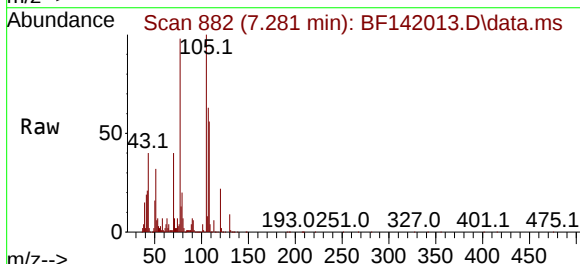
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

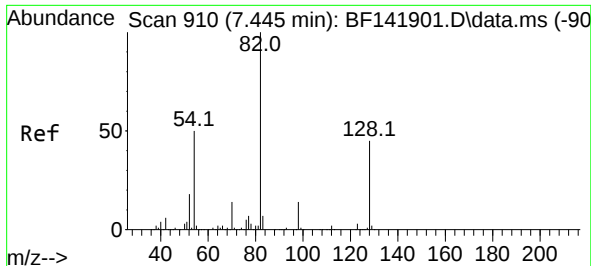
Tgt Ion:	136	Resp:	575838
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.8	5.8	8.8
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 48.352 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:	105	Resp:	666766
Ion Ratio	Lower	Upper	
105	100		
71	6.6	5.8	8.8
51	32.5	23.4	35.0
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 68.166 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

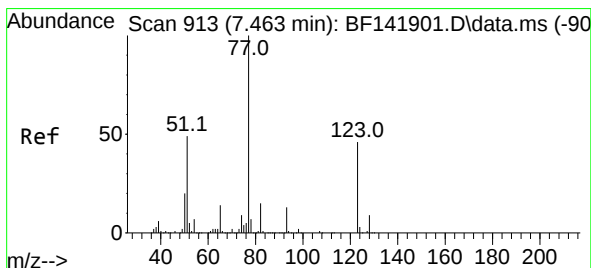
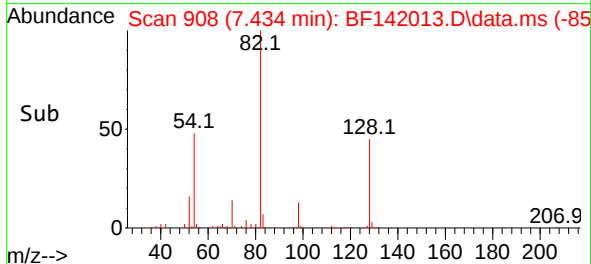
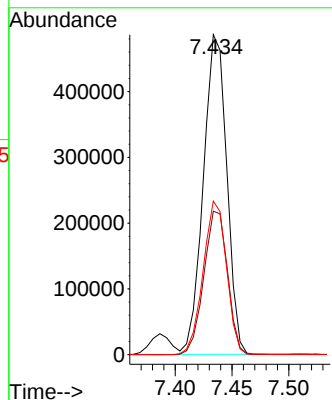
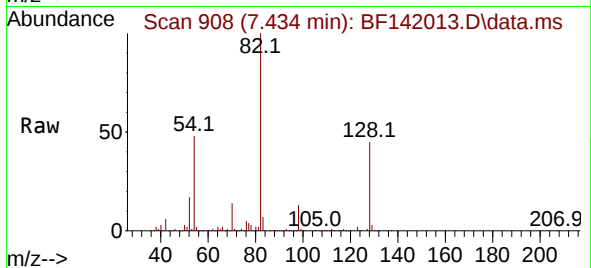
Tgt Ion: 82 Resp: 697501

Ion Ratio Lower Upper

82 100

128 44.8 36.0 54.0

54 48.0 39.6 59.4



#24

Nitrobenzene

Concen: 44.711 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

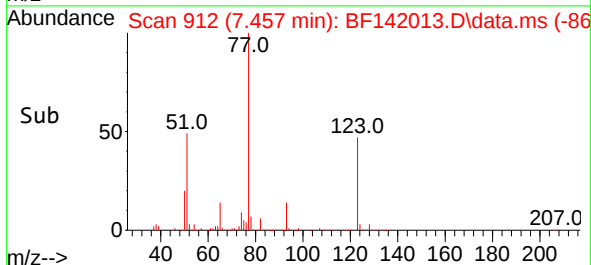
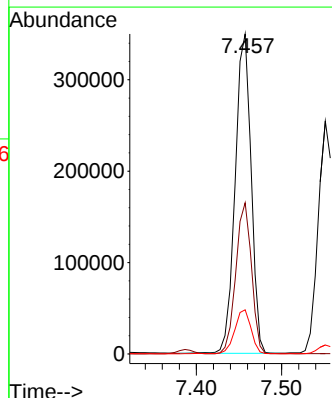
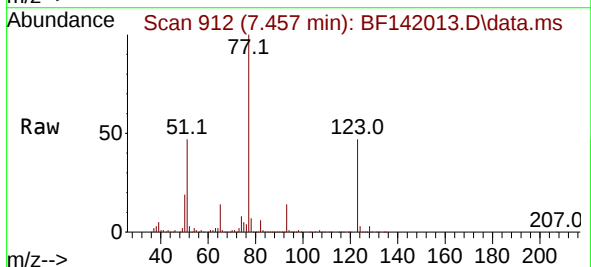
Tgt Ion: 77 Resp: 454806

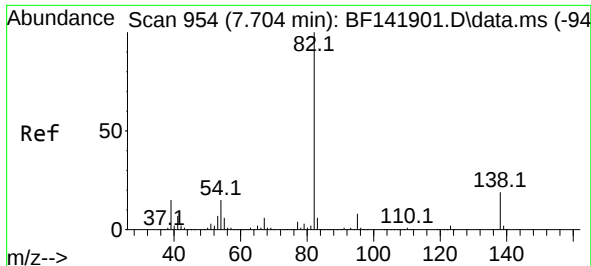
Ion Ratio Lower Upper

77 100

123 47.2 37.0 55.4

65 13.8 11.3 16.9

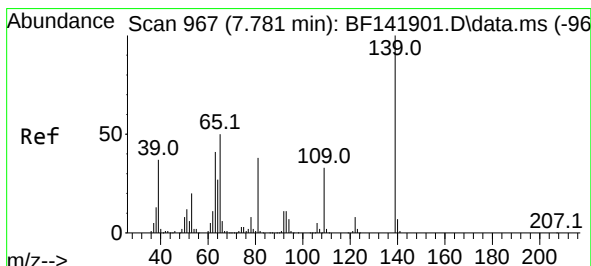
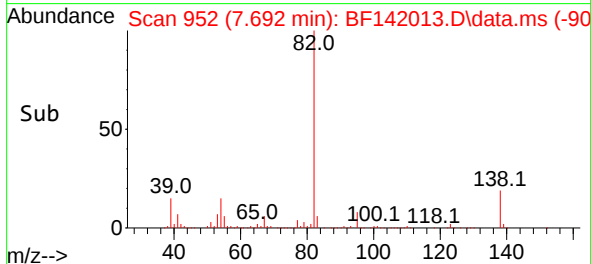
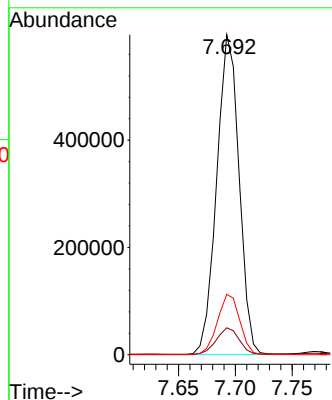
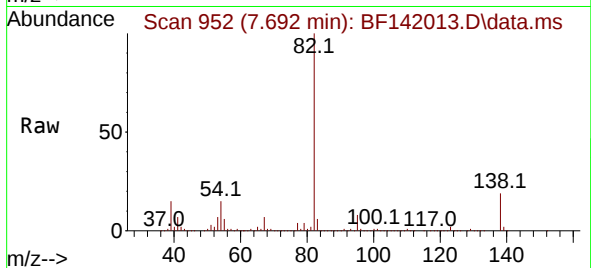




#25
Isophorone
Concen: 45.083 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

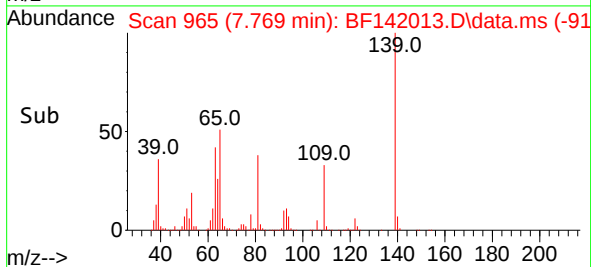
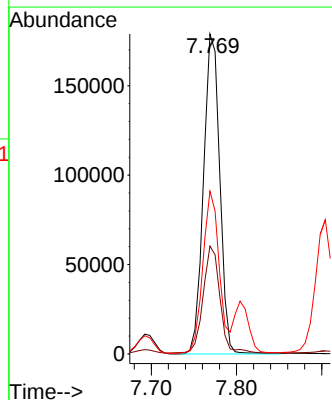
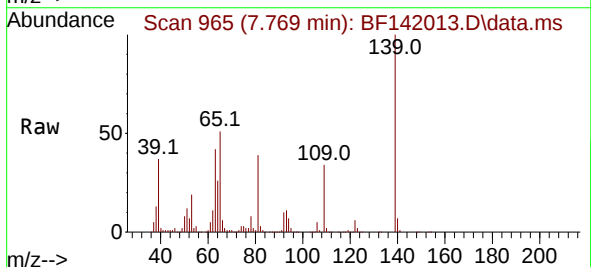
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion: 82 Resp: 815432
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 47.607 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 139 Resp: 237681
Ion Ratio Lower Upper
139 100
109 33.7 26.5 39.7
65 50.8 40.3 60.5

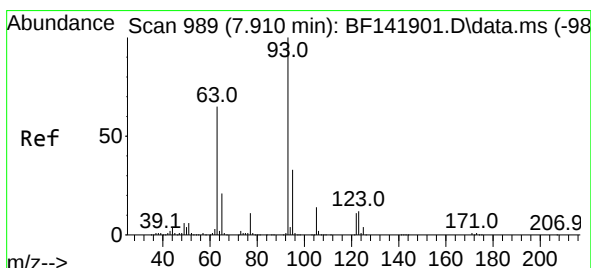
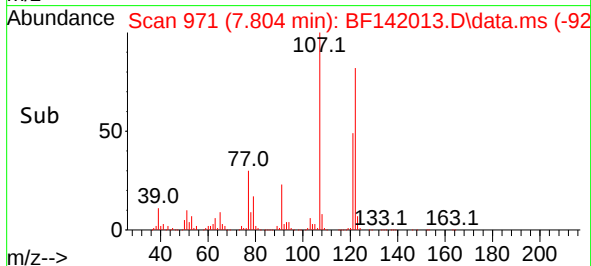
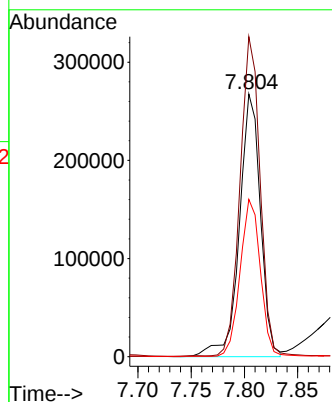
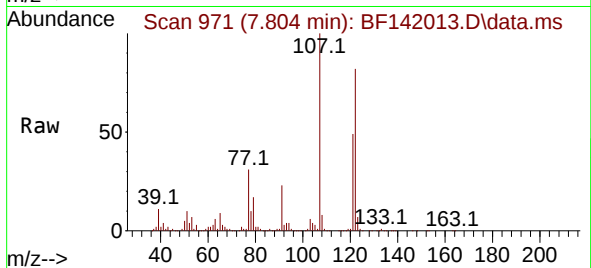




#27
2,4-Dimethylphenol
Concen: 53.554 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

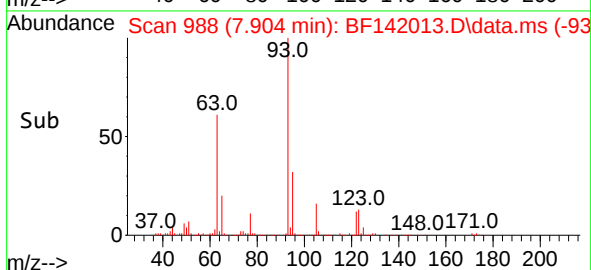
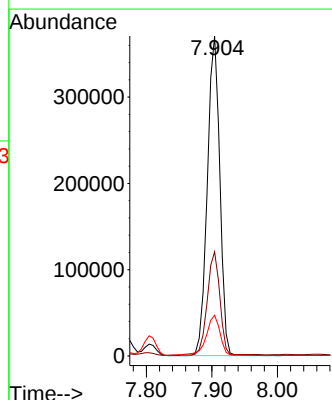
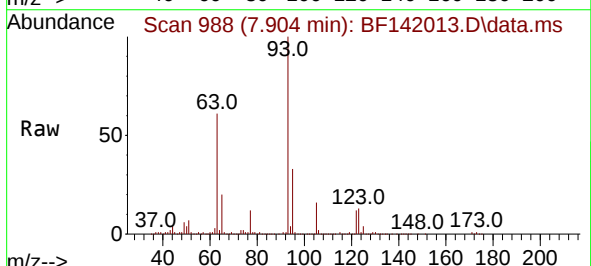
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

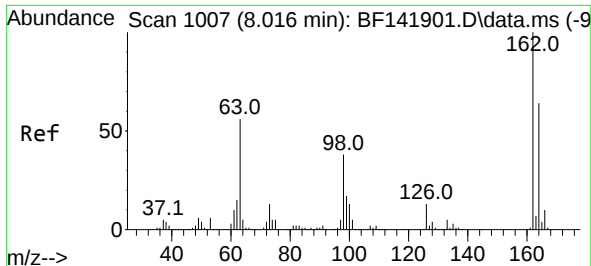
Tgt Ion:122 Resp: 368159
Ion Ratio Lower Upper
122 100
107 121.8 94.8 142.2
121 59.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.410 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion: 93 Resp: 492464
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.428 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

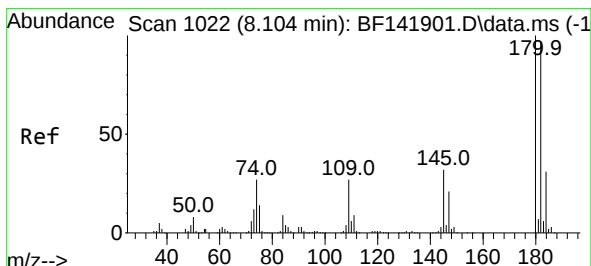
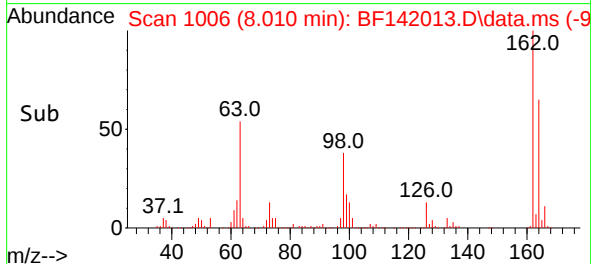
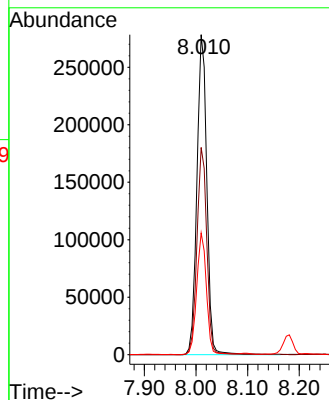
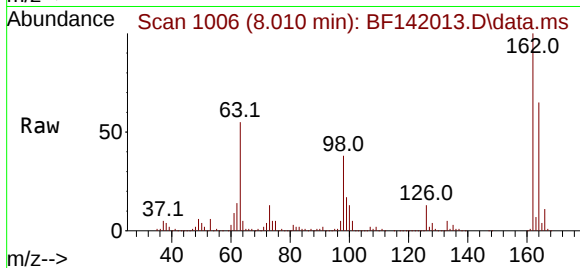
Tgt Ion:162 Resp: 370565

Ion Ratio Lower Upper

162 100

164 64.7 43.8 83.8

98 38.0 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.596 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

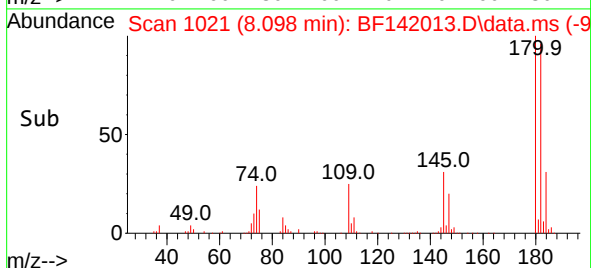
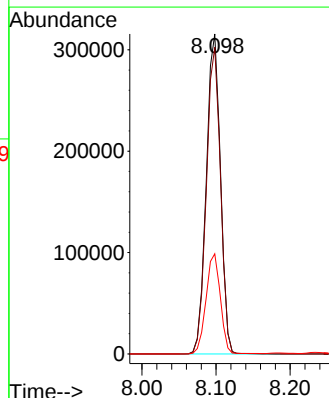
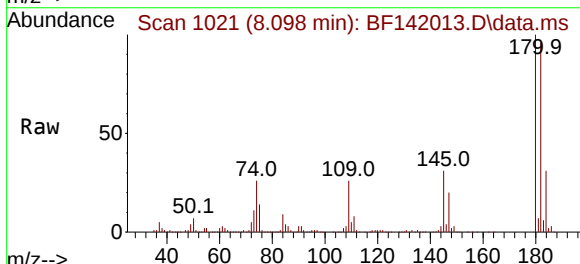
Tgt Ion:180 Resp: 419357

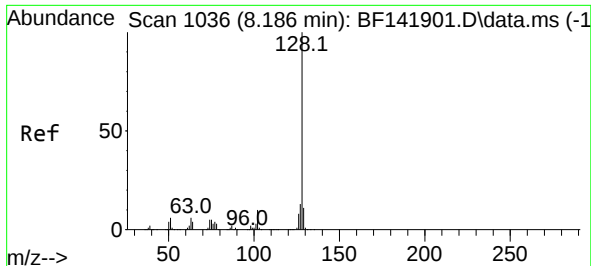
Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

145 31.3 25.8 38.6

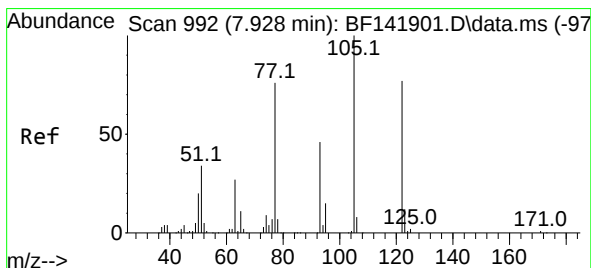
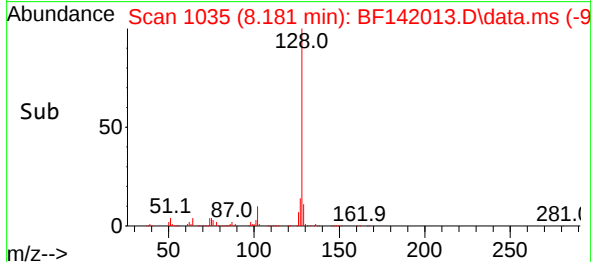
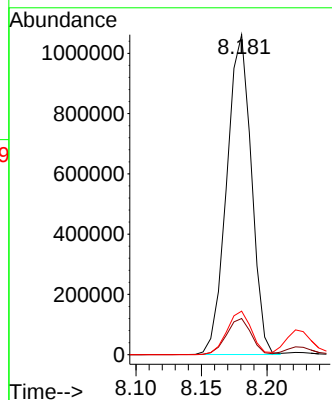
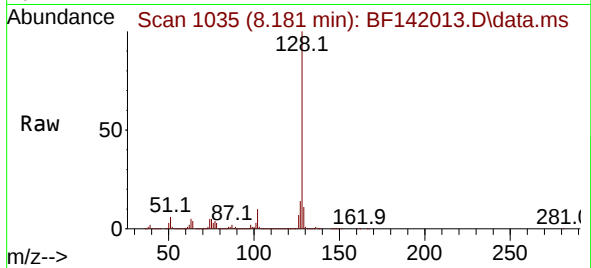




#31
Naphthalene
Concen: 46.884 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

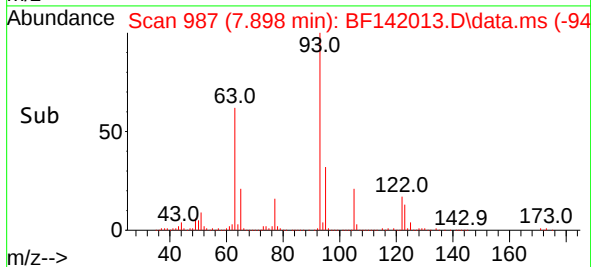
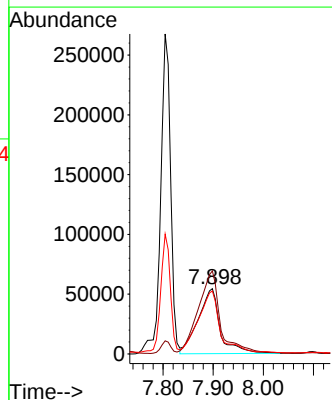
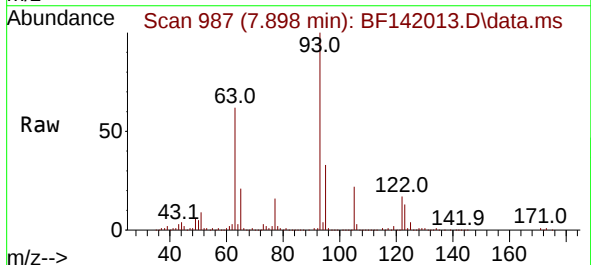
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

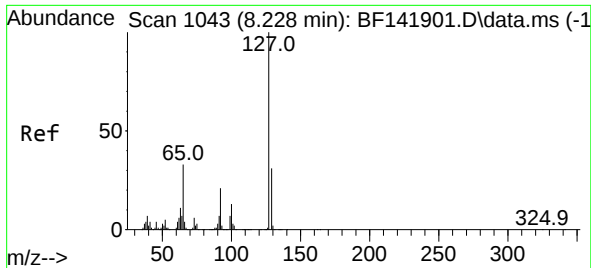
Tgt Ion:128 Resp: 1386811
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 27.422 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.030 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:122 Resp: 165709
Ion Ratio Lower Upper
122 100
105 127.0 107.9 147.9
77 96.4 79.0 119.0

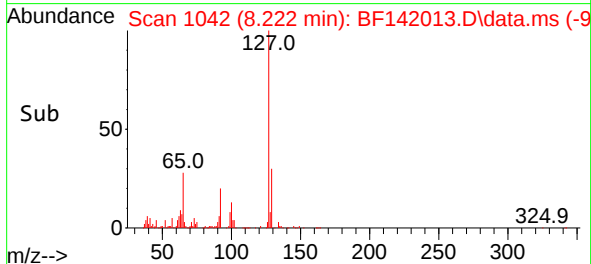
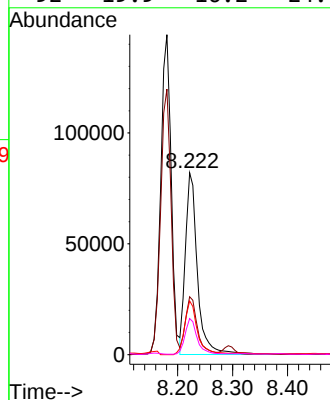
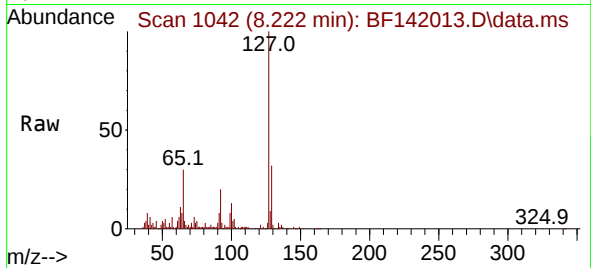




#33
4-Chloroaniline
Concen: 11.951 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

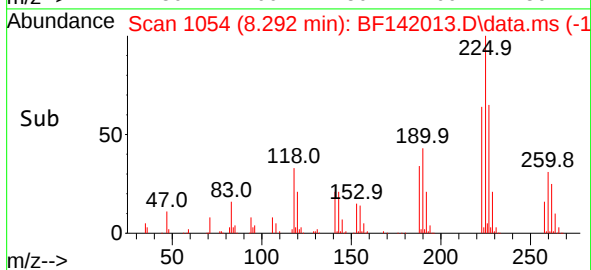
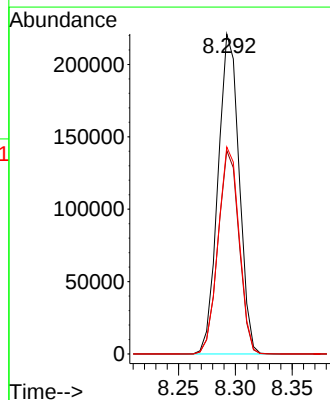
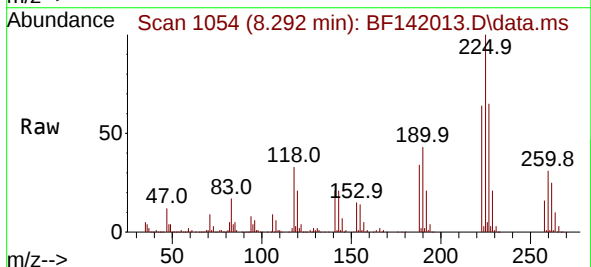
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

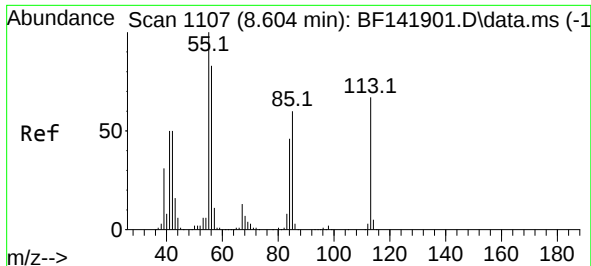
Tgt	Ion:127	Resp:	124789
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.4
65	29.6	25.4	38.2
92	19.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 46.529 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt	Ion:225	Resp:	285339
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	75.8
227	64.7	52.2	78.2

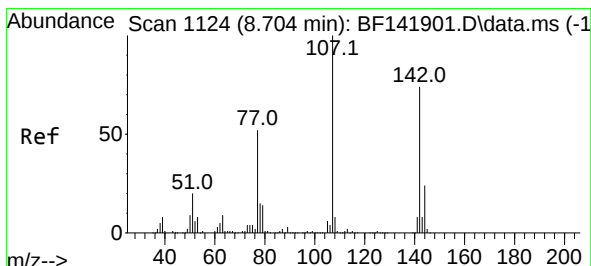
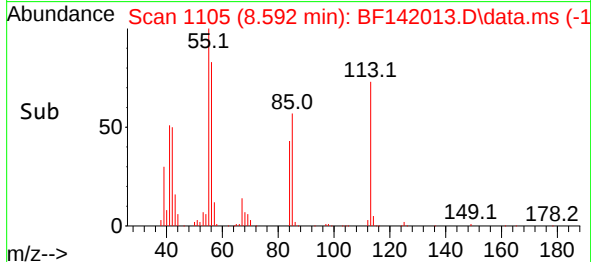
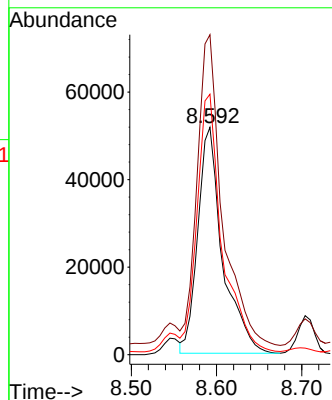
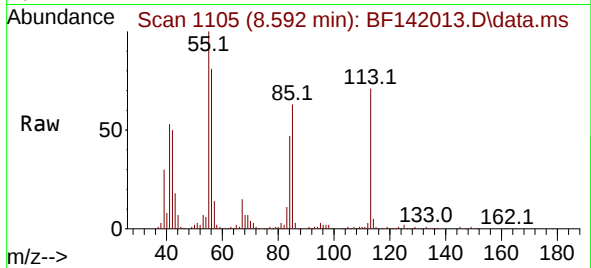




#35
 Caprolactam
 Concen: 40.007 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142013.D
 Acq: 20 Mar 2025 16:07

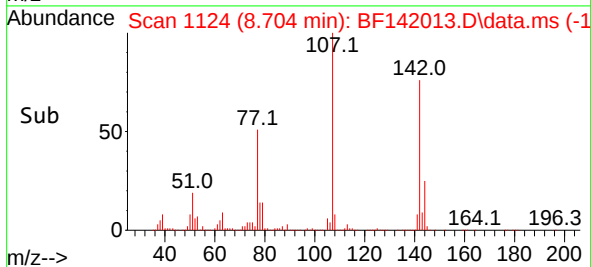
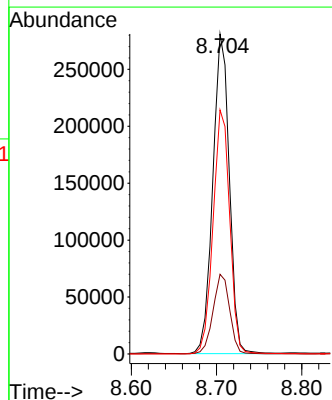
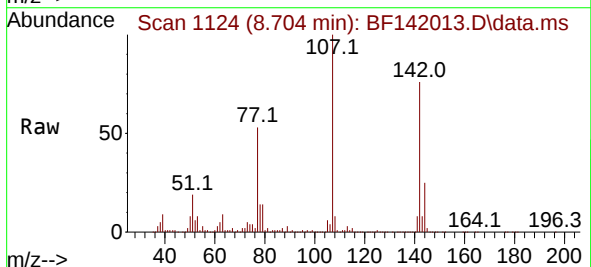
Instrument :
 BNA_F
 ClientSampleId :
 RBR251346MS

Tgt Ion:113 Resp: 104077
 Ion Ratio Lower Upper
 113 100
 55 140.8 129.6 169.6
 56 114.6 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.645 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142013.D
 Acq: 20 Mar 2025 16:07

Tgt Ion:107 Resp: 377361
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.6
 142 76.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 41.647 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

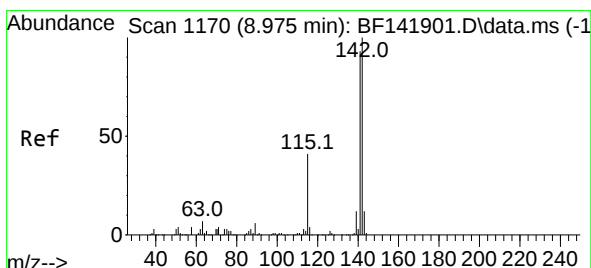
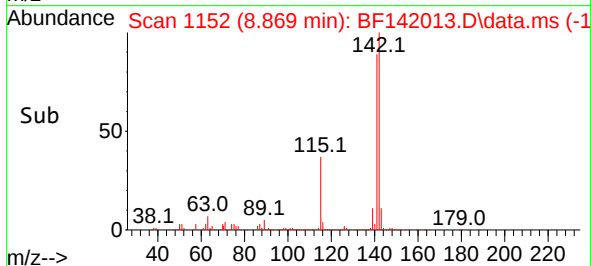
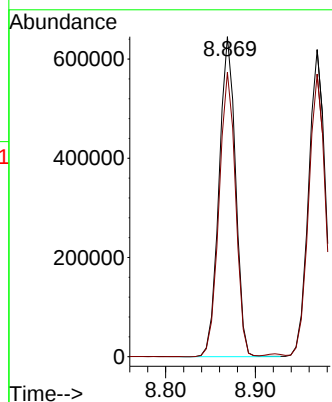
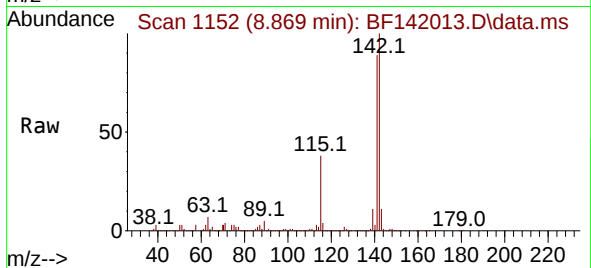
RBR251346MS

Tgt Ion:142 Resp: 823427

Ion Ratio Lower Upper

142 100

141 88.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.407 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142013.D

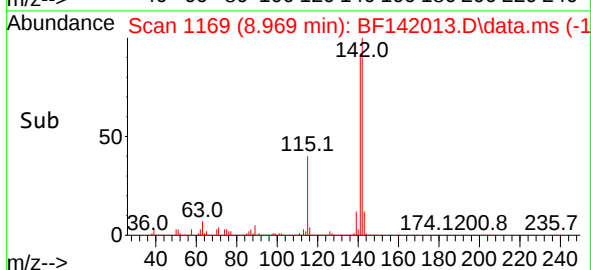
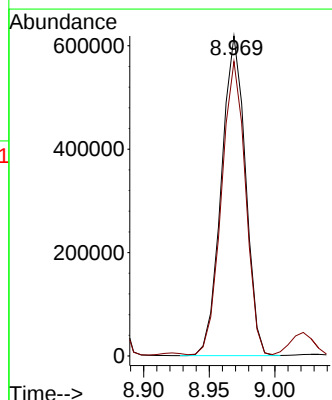
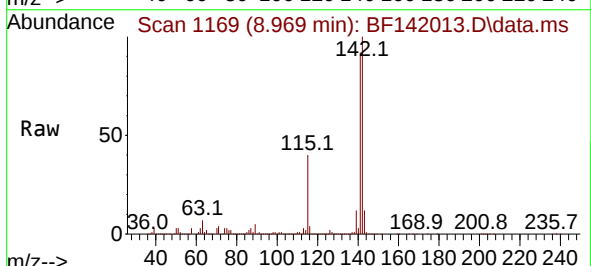
Acq: 20 Mar 2025 16:07

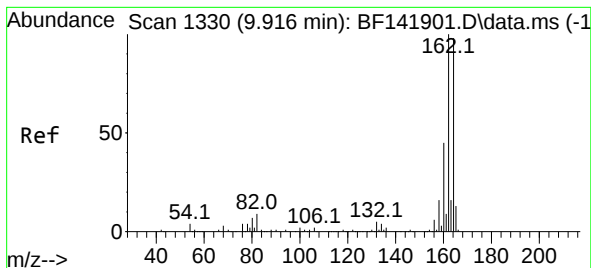
Tgt Ion:142 Resp: 790016

Ion Ratio Lower Upper

142 100

141 92.1 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

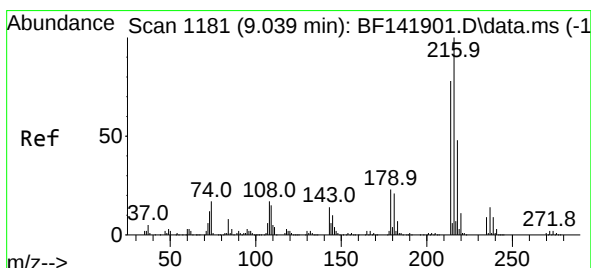
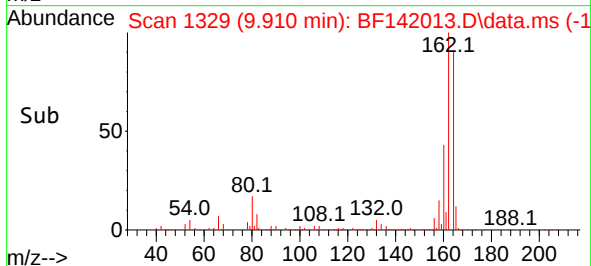
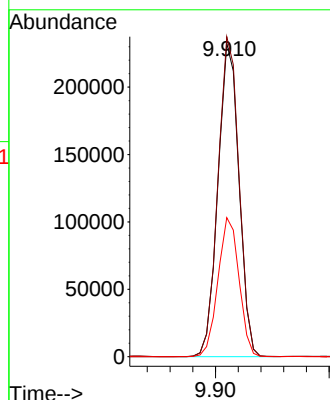
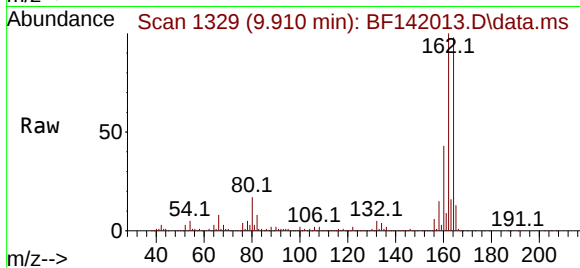
Tgt Ion:164 Resp: 299248

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 44.4 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.660 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Tgt Ion:216 Resp: 479779

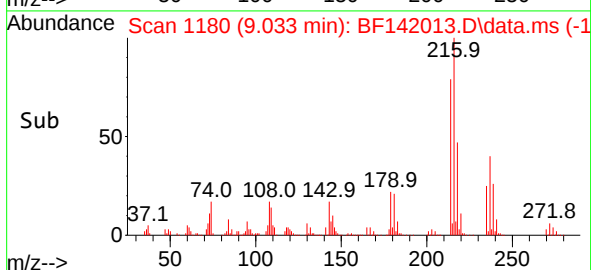
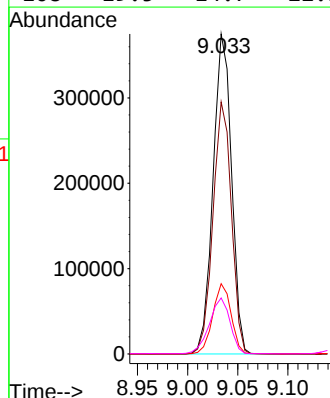
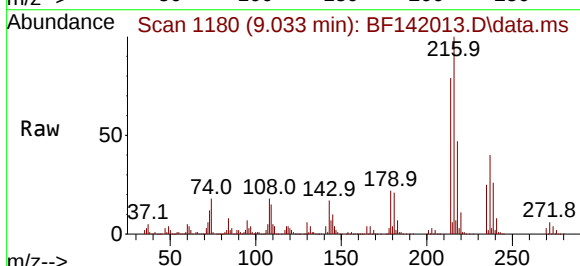
Ion Ratio Lower Upper

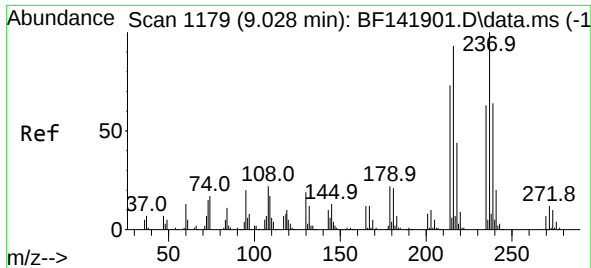
216 100

214 78.6 61.9 92.9

179 22.0 18.1 27.1

108 19.5 14.7 22.1

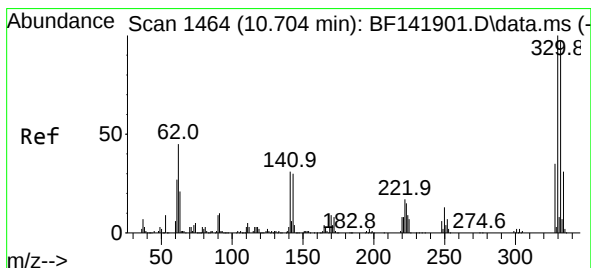
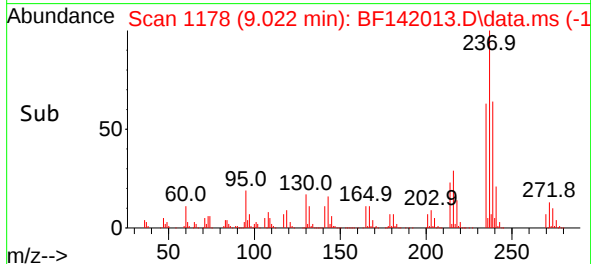
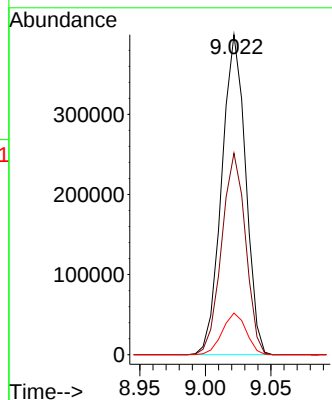
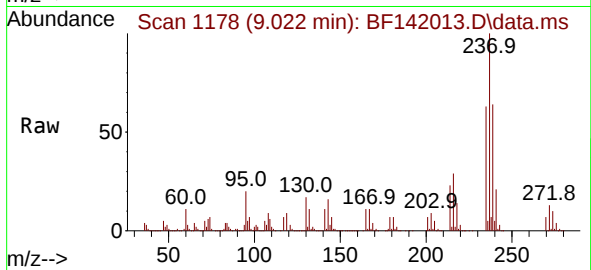




#41
Hexachlorocyclopentadiene
Concen: 141.877 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

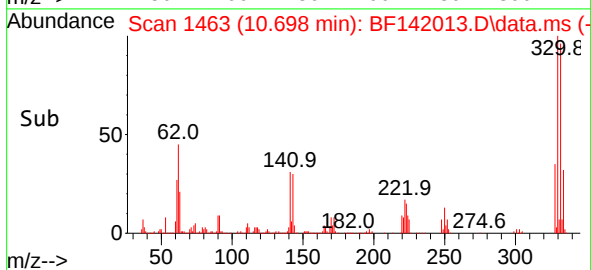
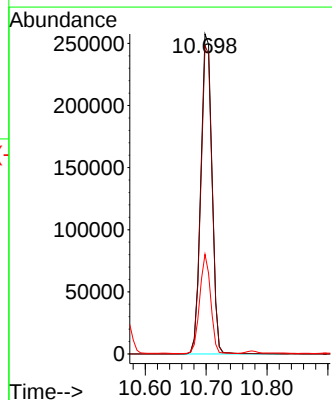
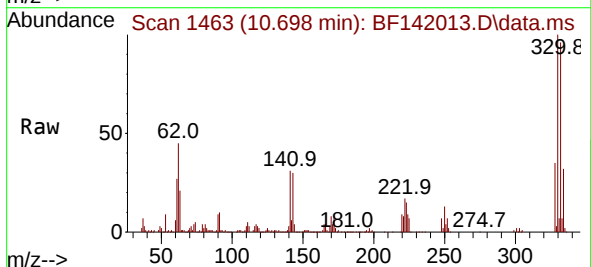
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:237 Resp: 505880
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 86.860 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:330 Resp: 329752
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 30.0 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 44.858 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

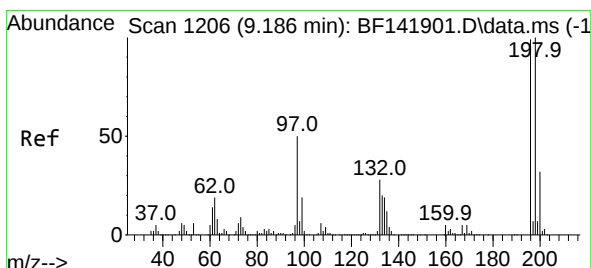
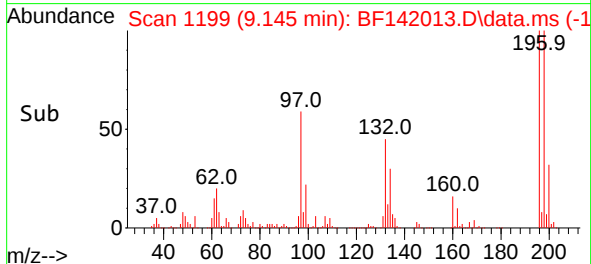
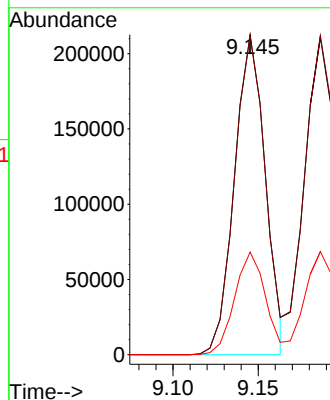
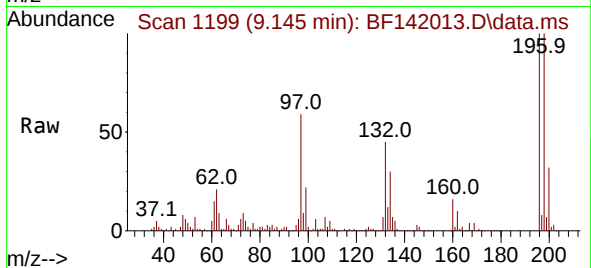
Tgt Ion:196 Resp: 267098

Ion Ratio Lower Upper

196 100

198 99.7 80.6 121.0

200 32.1 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 45.196 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Tgt Ion:196 Resp: 272559

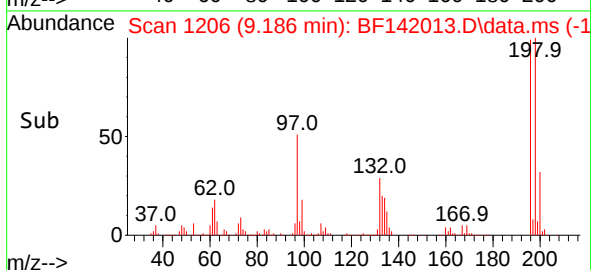
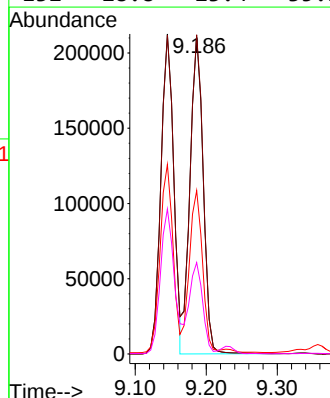
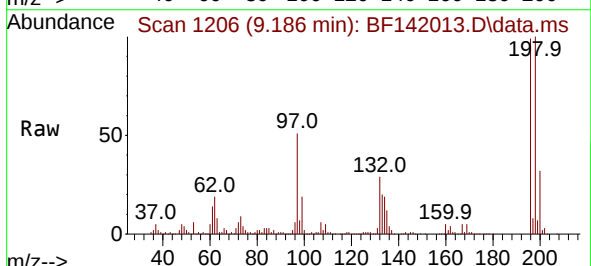
Ion Ratio Lower Upper

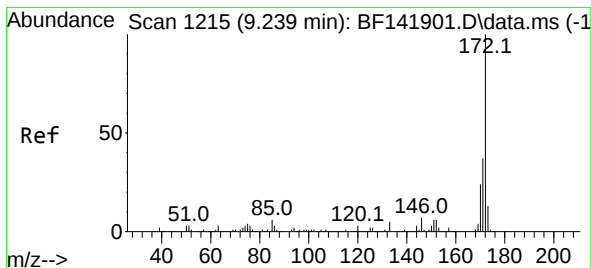
196 100

198 100.7 80.7 121.1

97 51.5 42.1 63.1

132 28.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 67.604 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

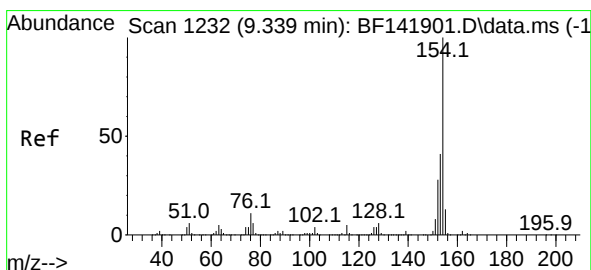
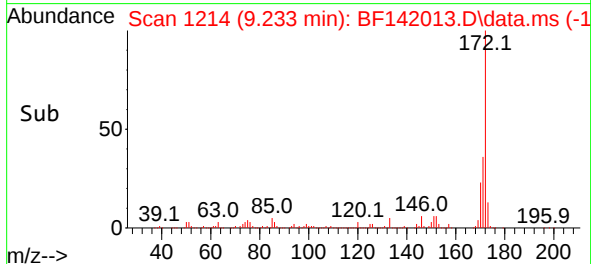
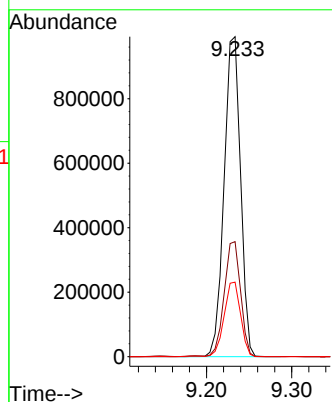
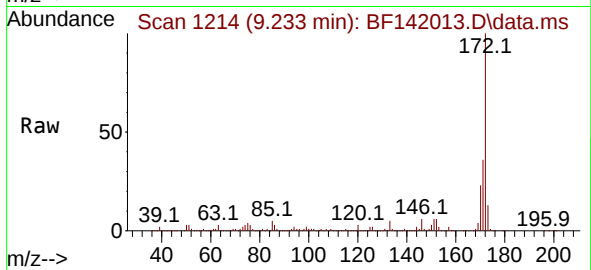
Tgt Ion:172 Resp: 1330230

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 23.3 19.4 29.0



#46

1,1'-Biphenyl

Concen: 50.671 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

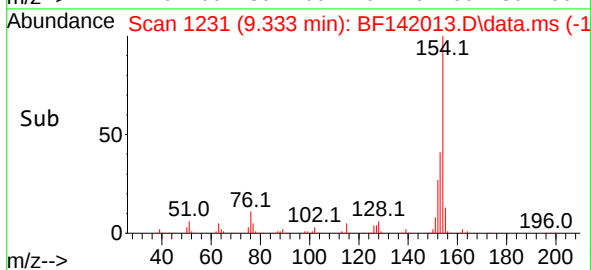
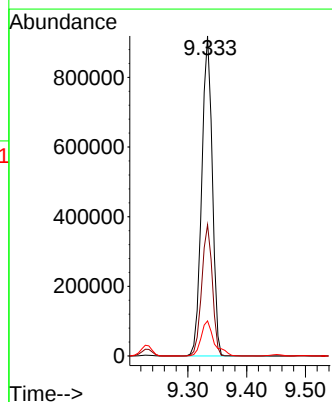
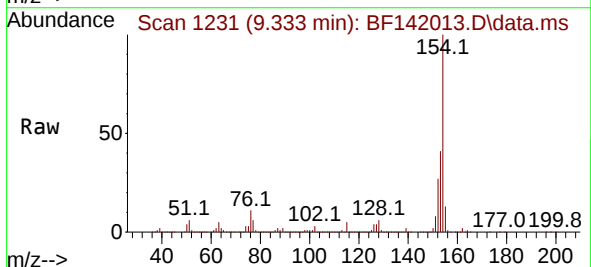
Tgt Ion:154 Resp: 1152112

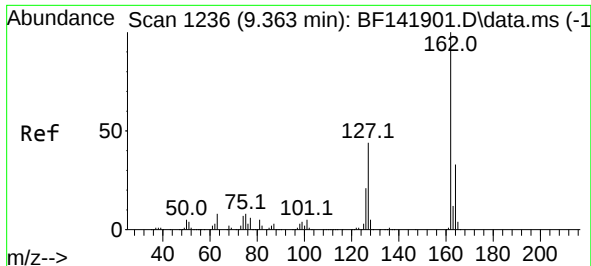
Ion Ratio Lower Upper

154 100

153 41.0 21.1 61.1

76 11.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 46.000 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

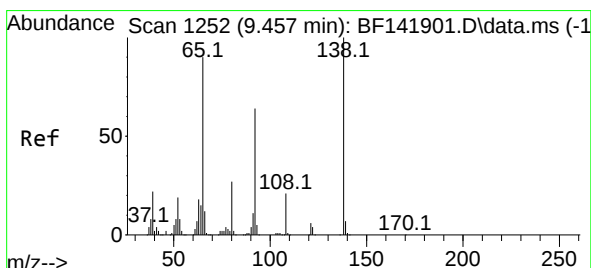
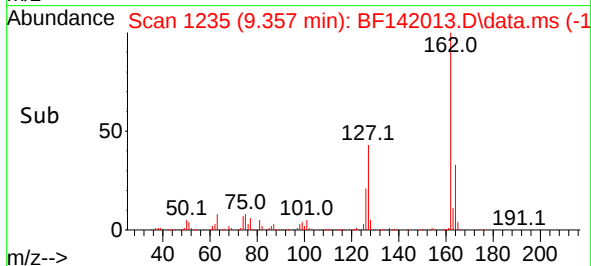
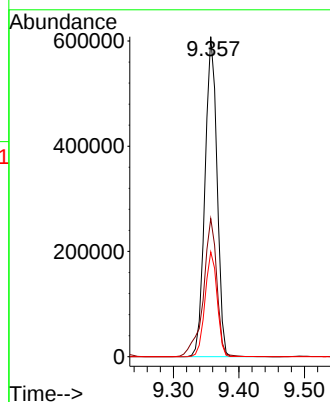
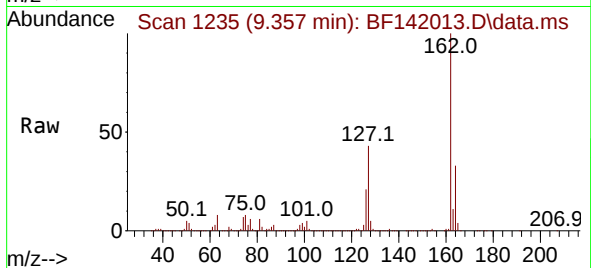
Tgt Ion:162 Resp: 779578

Ion Ratio Lower Upper

162 100

127 43.2 35.5 53.3

164 32.7 26.6 40.0



#48

2-Nitroaniline

Concen: 42.449 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

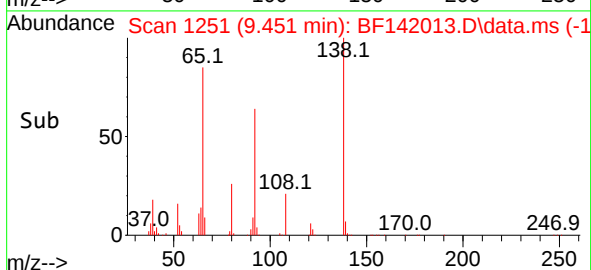
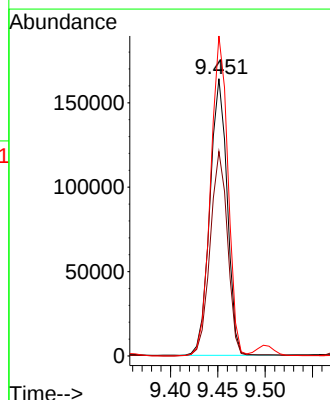
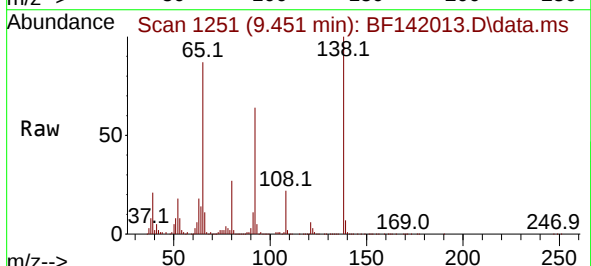
Tgt Ion: 65 Resp: 208295

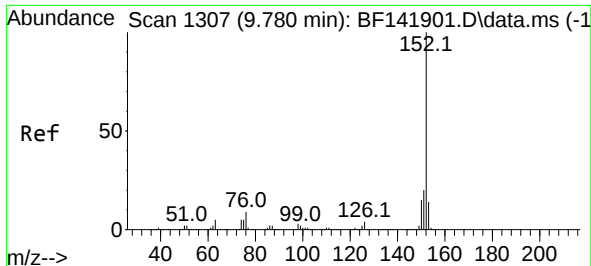
Ion Ratio Lower Upper

65 100

92 73.7 56.6 84.8

138 115.4 88.6 133.0





#49

Acenaphthylene

Concen: 46.367 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

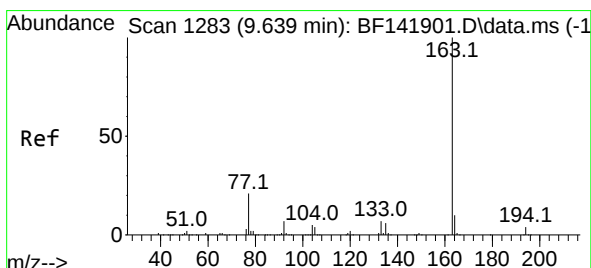
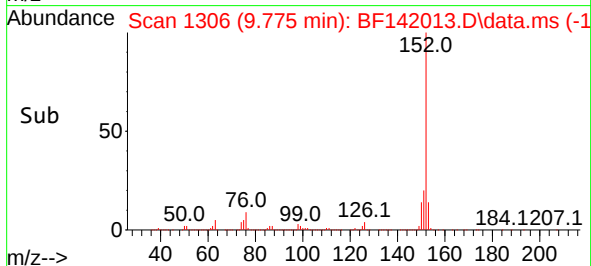
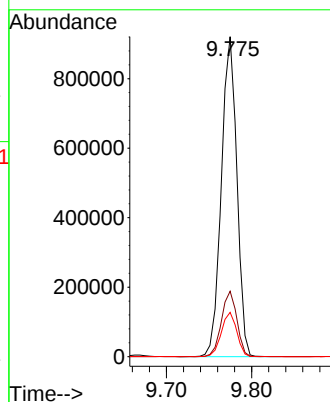
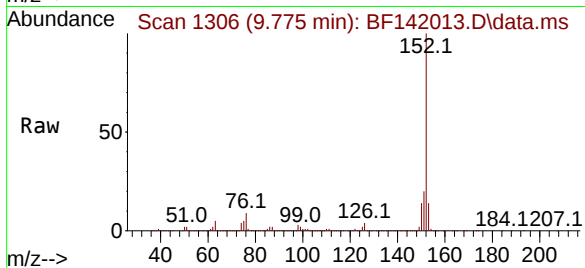
Tgt Ion:152 Resp: 1166082

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 43.812 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

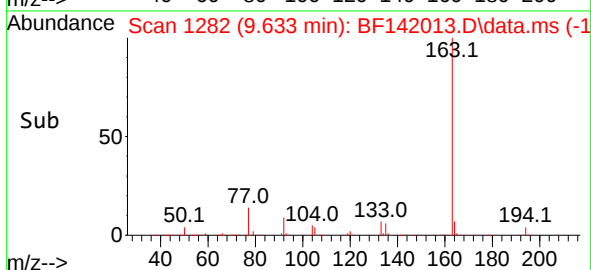
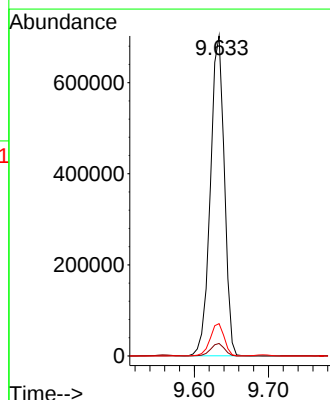
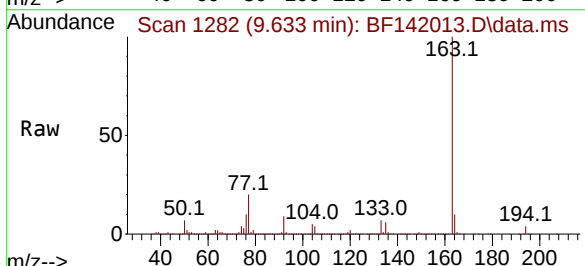
Tgt Ion:163 Resp: 918104

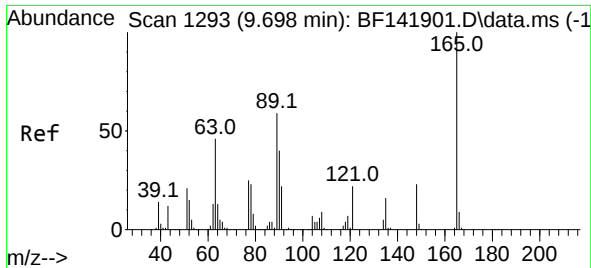
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.4

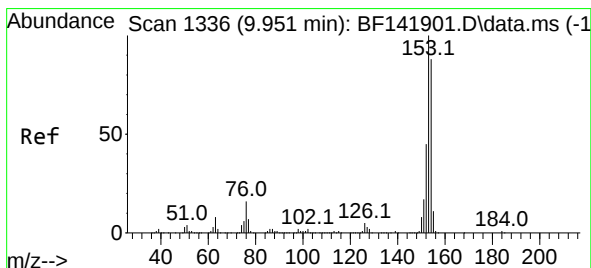
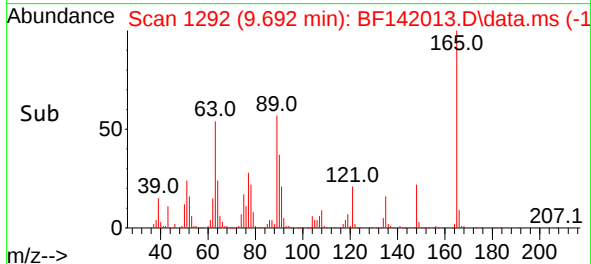
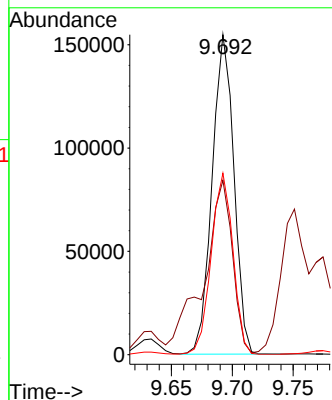
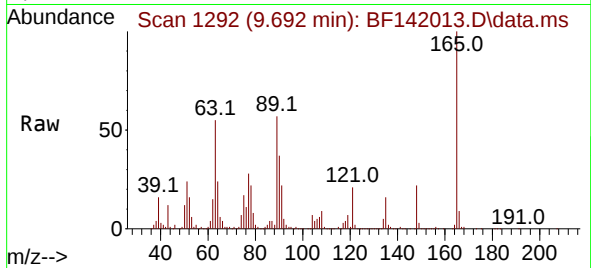




#51
2,6-Dinitrotoluene
Concen: 44.021 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

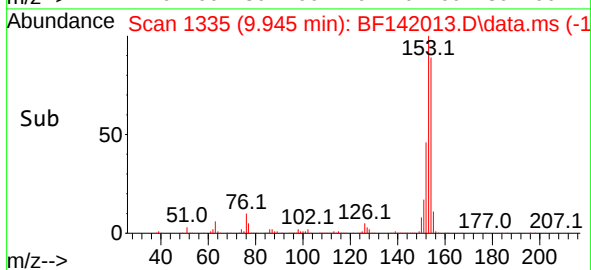
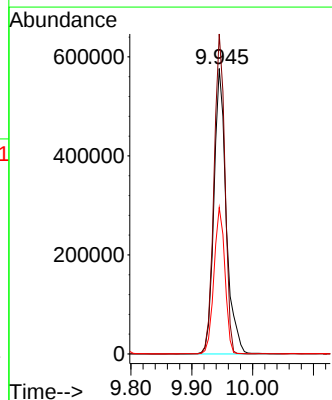
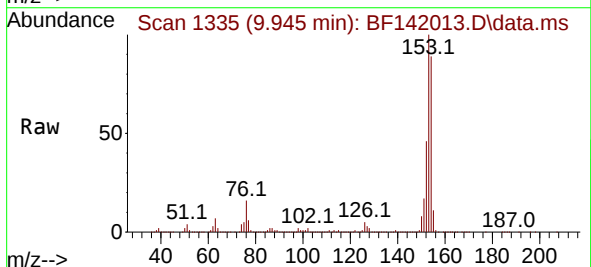
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

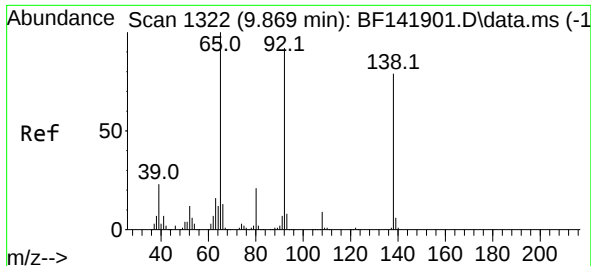
Tgt Ion:165 Resp: 192071
Ion Ratio Lower Upper
165 100
63 54.5 47.0 70.4
89 56.7 47.4 71.2



#52
Acenaphthene
Concen: 45.870 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:154 Resp: 810682
Ion Ratio Lower Upper
154 100
153 112.1 90.7 136.1
152 51.3 41.1 61.7

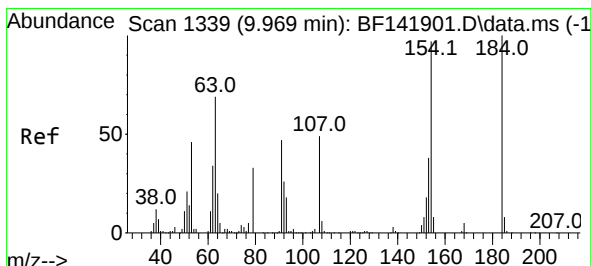
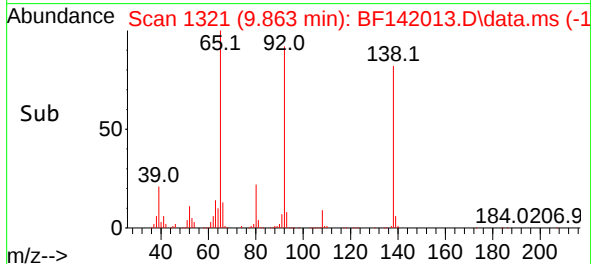
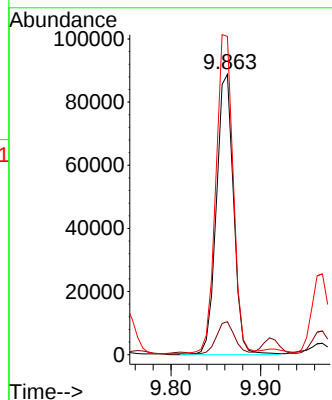
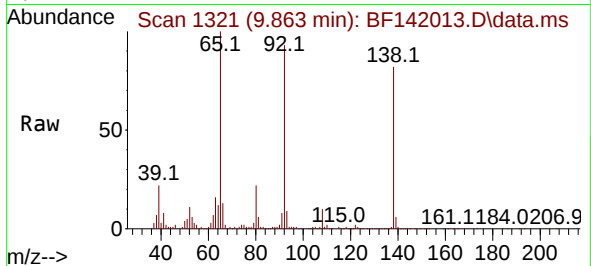




#53
3-Nitroaniline
Concen: 26.650 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

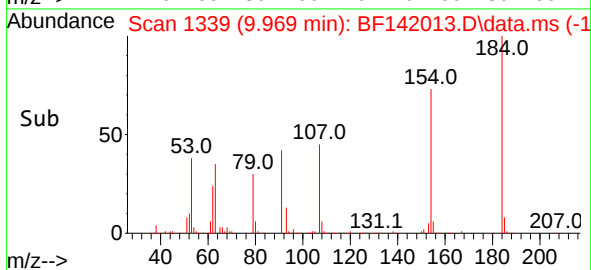
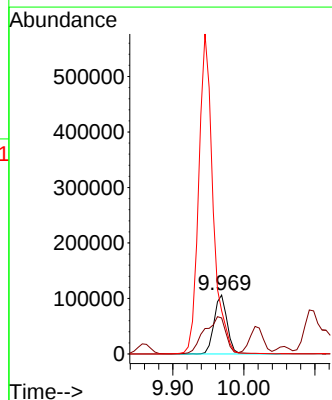
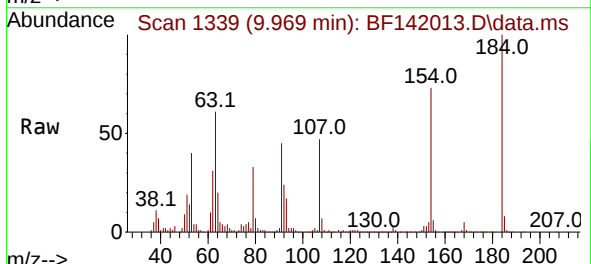
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

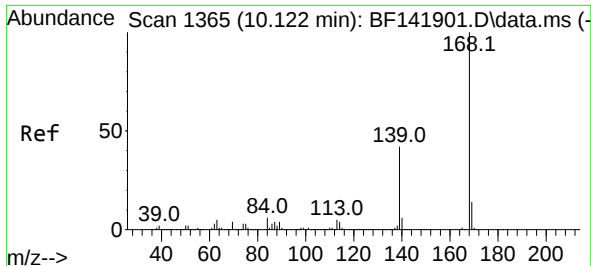
Tgt Ion:138 Resp: 117949
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 113.6 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 56.803 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:184 Resp: 135668
Ion Ratio Lower Upper
184 100
63 61.2 60.2 90.4
154 73.4 132.9 199.3#

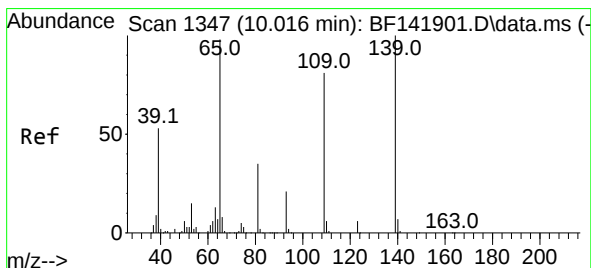
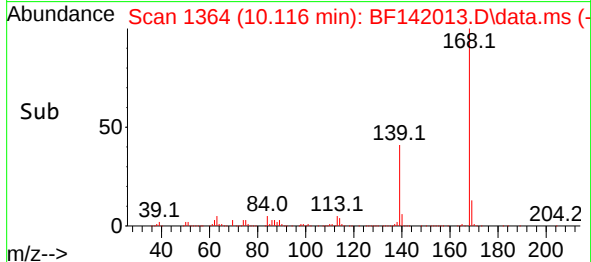
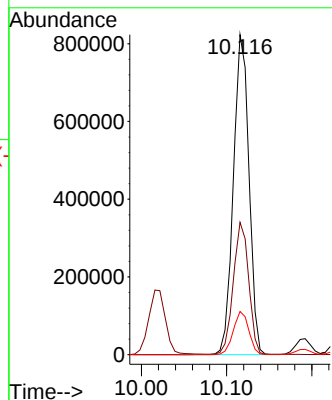
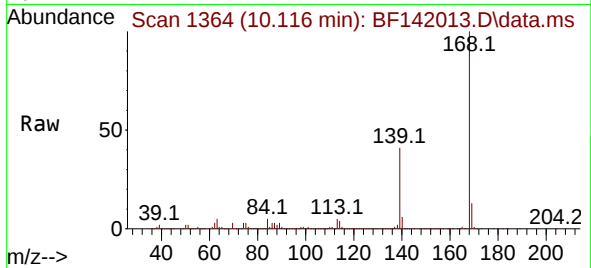




#55
Dibenzofuran
Concen: 41.473 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

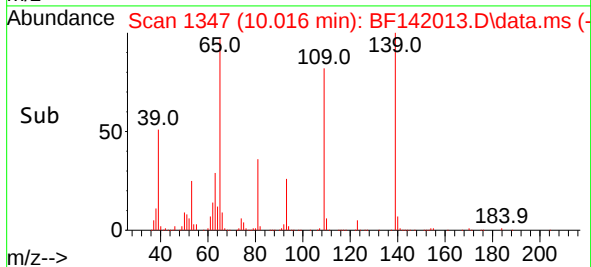
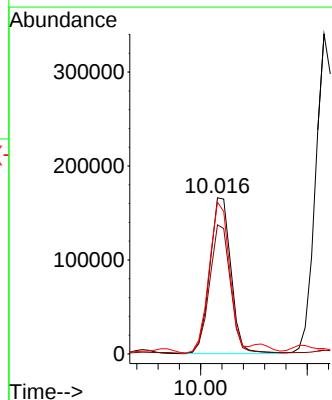
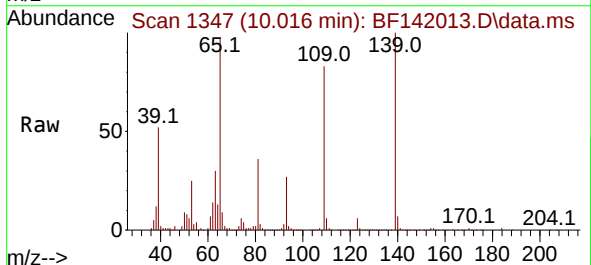
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

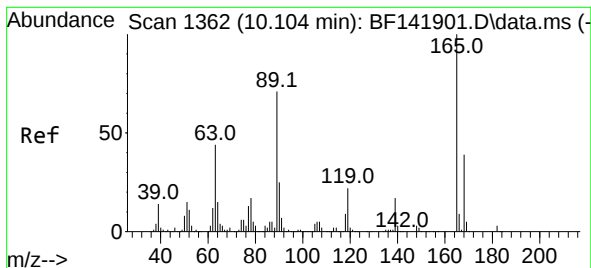
Tgt Ion:168 Resp: 1047331
Ion Ratio Lower Upper
168 100
139 41.4 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 68.549 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:139 Resp: 228793
Ion Ratio Lower Upper
139 100
109 82.7 61.6 101.6
65 97.2 79.4 119.4

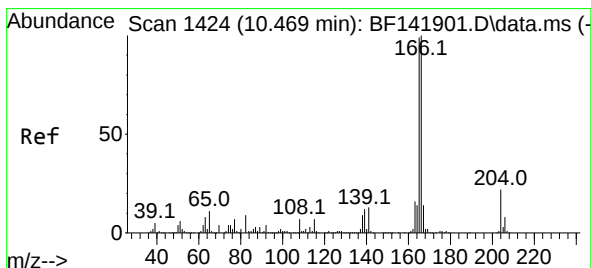
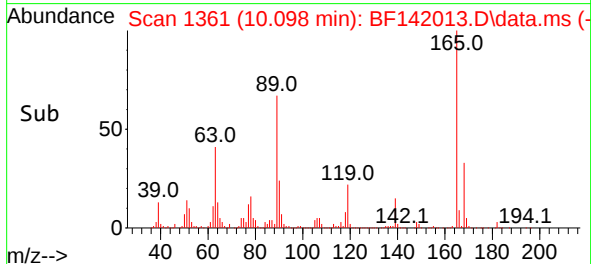
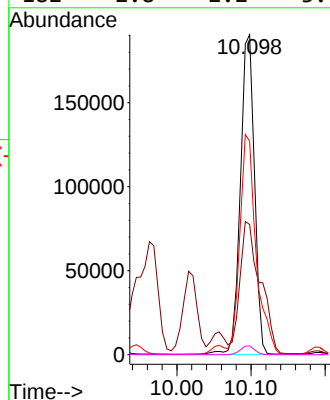
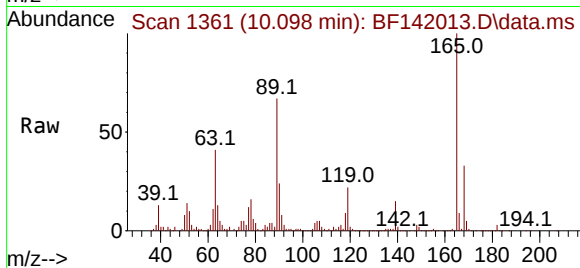




#57
2,4-Dinitrotoluene
Concen: 43.947 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

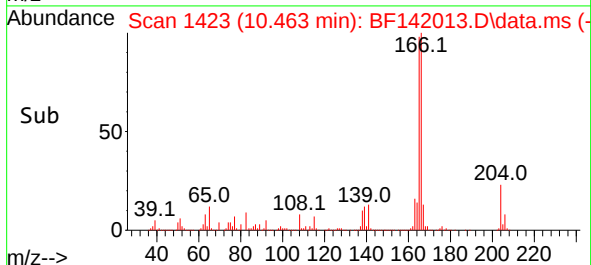
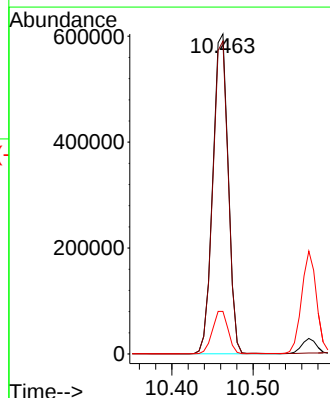
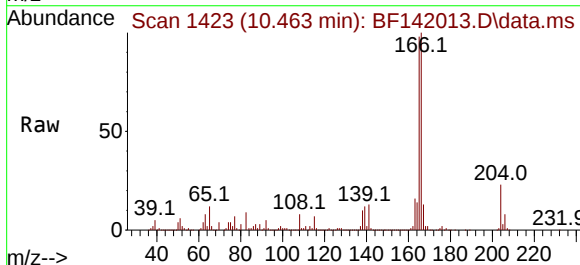
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:165 Resp: 250441
Ion Ratio Lower Upper
165 100
63 40.7 35.4 53.2
89 66.6 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.877 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:166 Resp: 796062
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.3 11.0 16.4

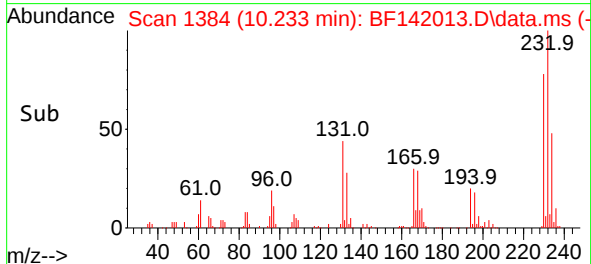
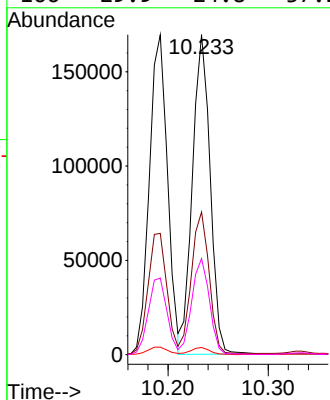
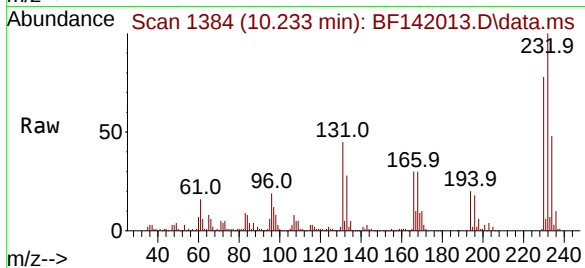




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.993 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

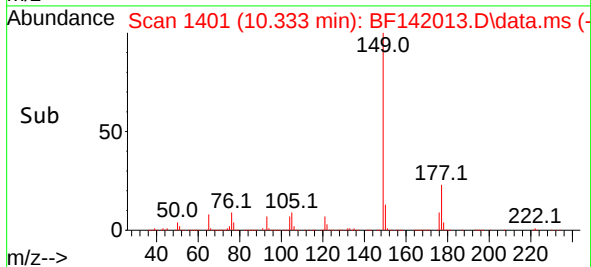
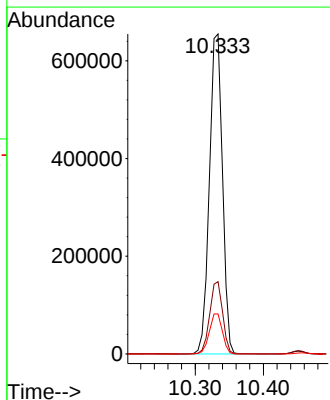
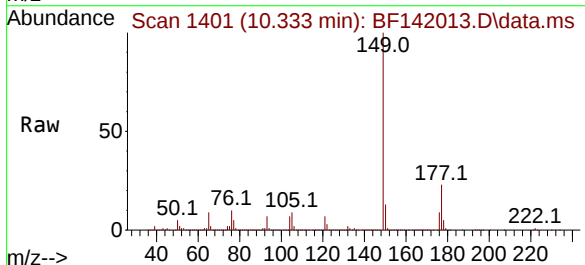
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

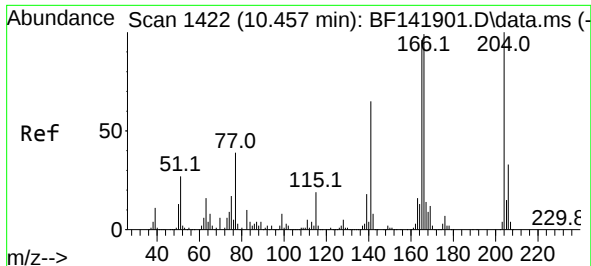
Tgt Ion:232 Resp: 208493
Ion Ratio Lower Upper
232 100
131 44.7 37.3 55.9
130 2.5 1.9 2.9
166 29.9 24.8 37.2



#60
Diethylphthalate
Concen: 41.746 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:149 Resp: 872296
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.5 10.2 15.4

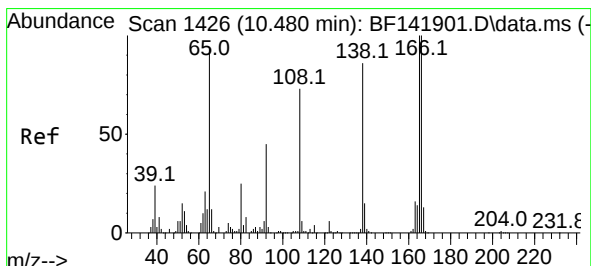
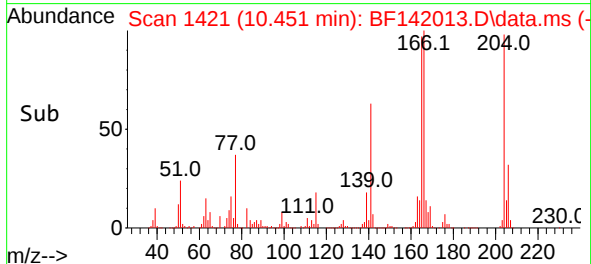
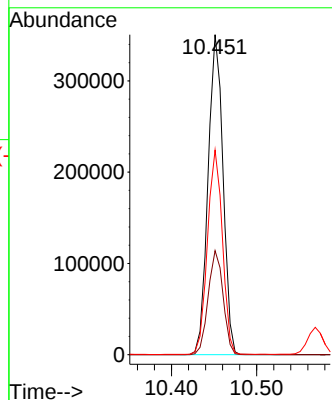
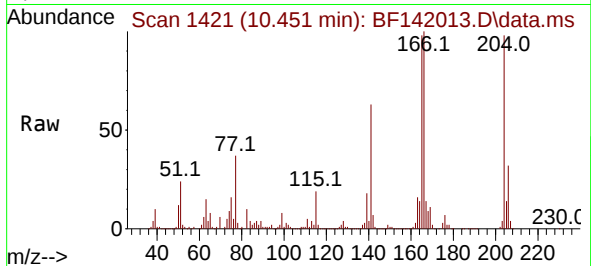




#61
4-Chlorophenyl-phenylether
Concen: 42.120 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

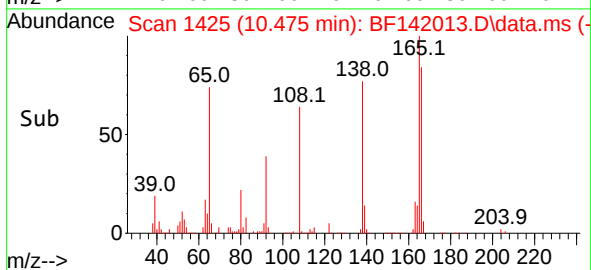
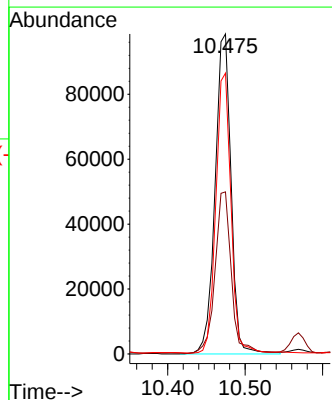
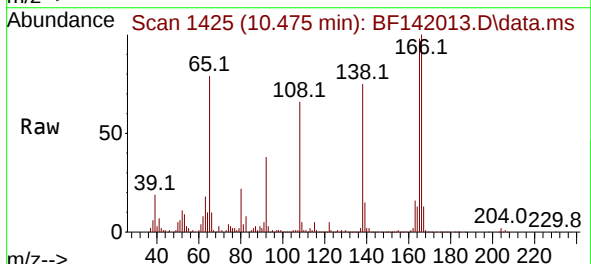
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

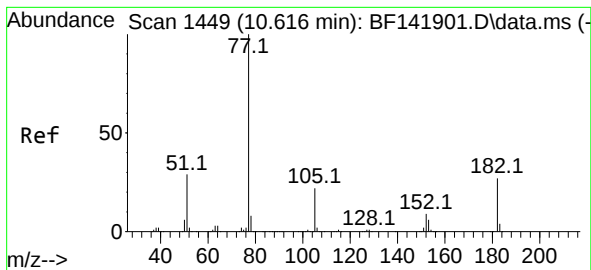
Tgt Ion:204 Resp: 427655
Ion Ratio Lower Upper
204 100
206 32.5 26.8 40.2
141 64.0 52.4 78.6



#62
4-Nitroaniline
Concen: 32.728 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:138 Resp: 141021
Ion Ratio Lower Upper
138 100
92 50.7 32.6 72.6
108 87.8 65.0 105.0

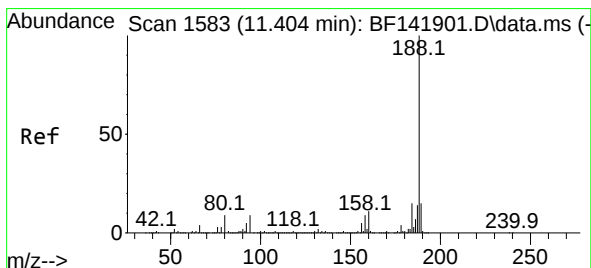
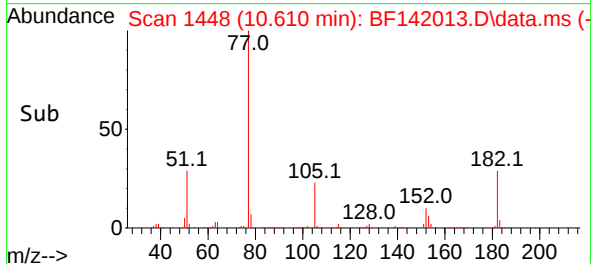
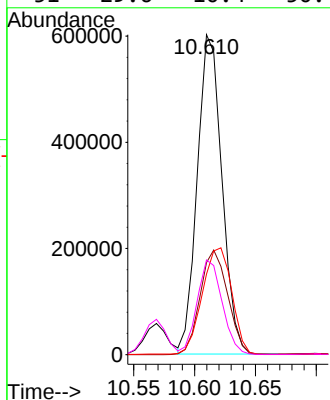
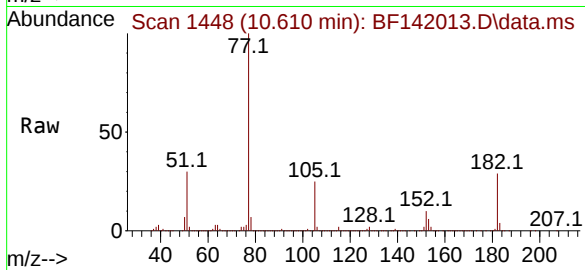




#63
Azobenzene
Concen: 43.689 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

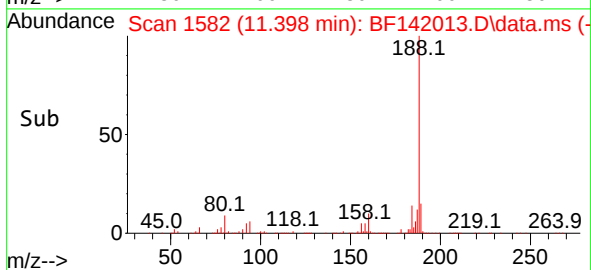
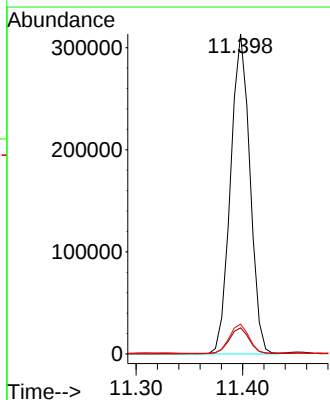
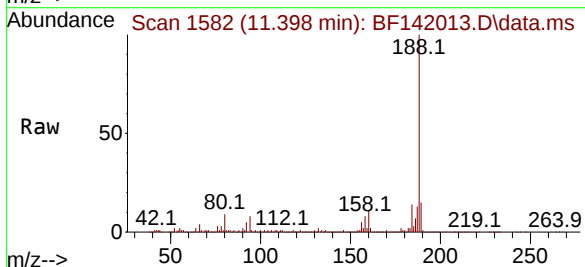
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion: 77	Resp: 848737
Ion Ratio	Lower Upper
77 100	
182 28.8	6.6 46.6
105 25.2	1.3 41.3
51 29.6	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:188	Resp: 397242
Ion Ratio	Lower Upper
188 100	
94 8.1	6.8 10.2
80 9.3	7.6 11.4

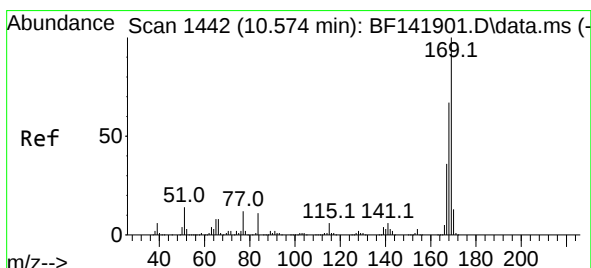
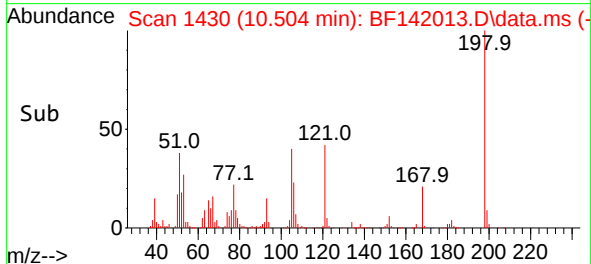
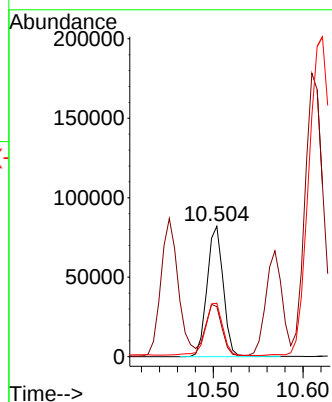
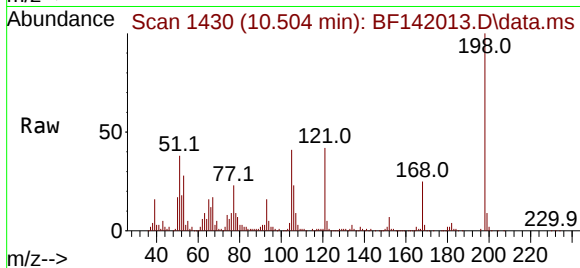




#65
4,6-Dinitro-2-methylphenol
Concen: 43.550 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

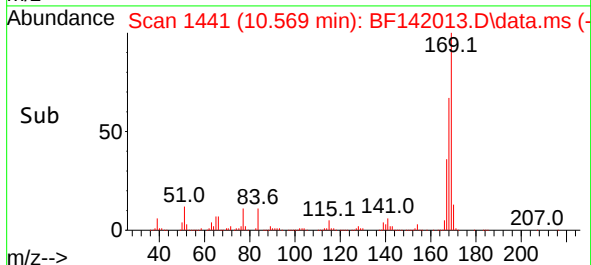
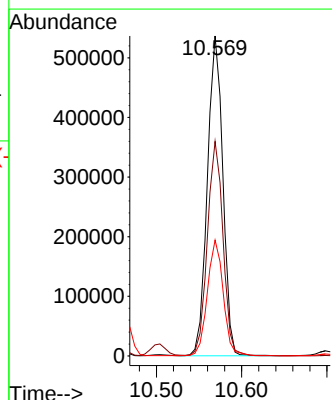
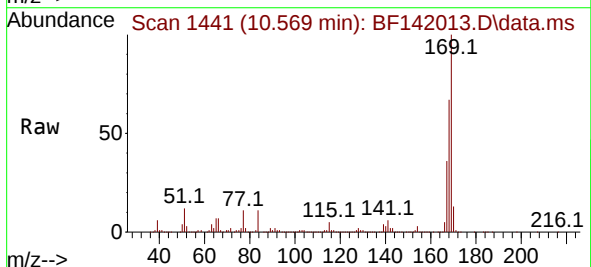
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:198 Resp: 103131
Ion Ratio Lower Upper
198 100
51 38.4 22.3 62.3
105 40.9 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 52.540 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:169 Resp: 675393
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.2 29.2 43.8

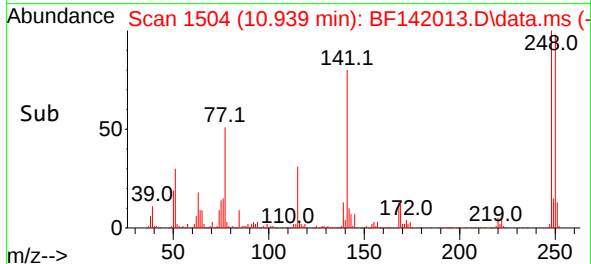
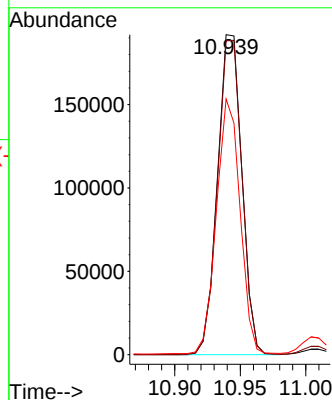
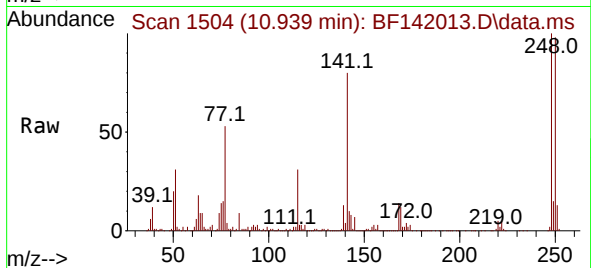




#67
4-Bromophenyl-phenylether
Concen: 49.913 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

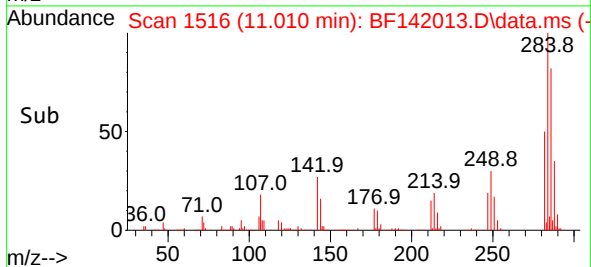
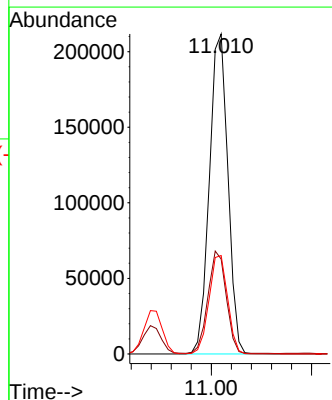
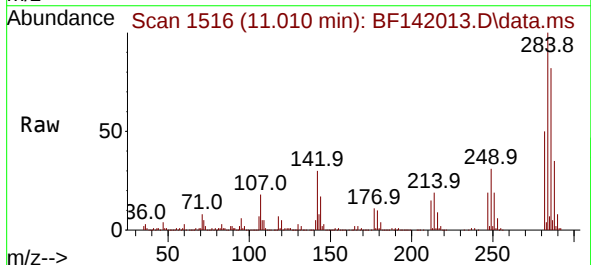
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

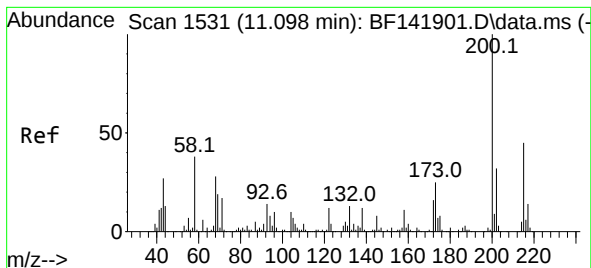
Tgt Ion:248 Resp: 249011
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 79.9 62.6 93.8



#68
Hexachlorobenzene
Concen: 49.654 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:284 Resp: 271693
Ion Ratio Lower Upper
284 100
142 29.6 27.0 40.6
249 30.7 25.2 37.8





#69

Atrazine

Concen: 61.123 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

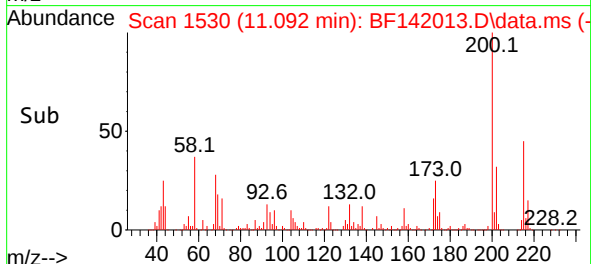
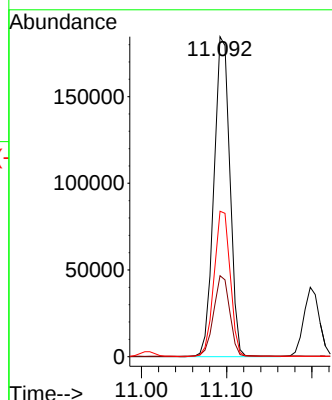
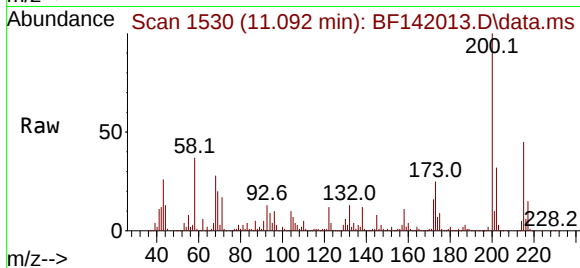
Tgt Ion:200 Resp: 240874

Ion Ratio Lower Upper

200 100

173 25.3 4.7 44.7

215 45.5 25.4 65.4



#70

Pentachlorophenol

Concen: 78.790 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

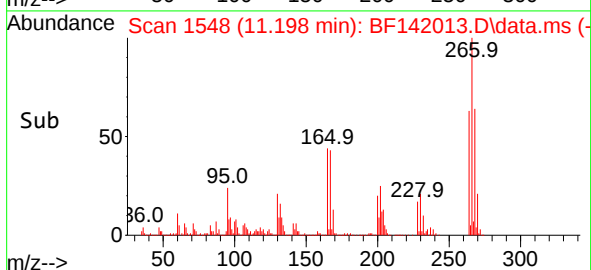
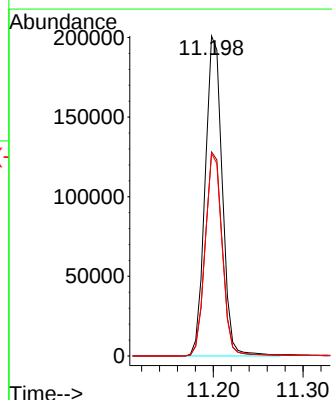
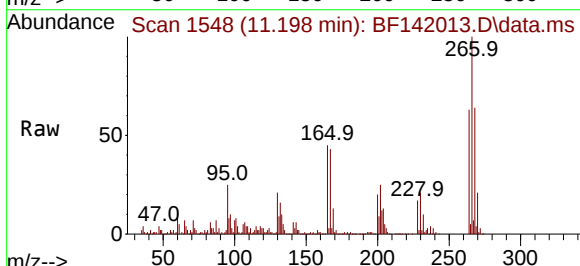
Tgt Ion:266 Resp: 265621

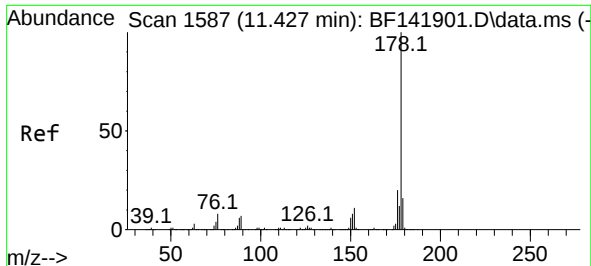
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 63.3 50.2 75.2

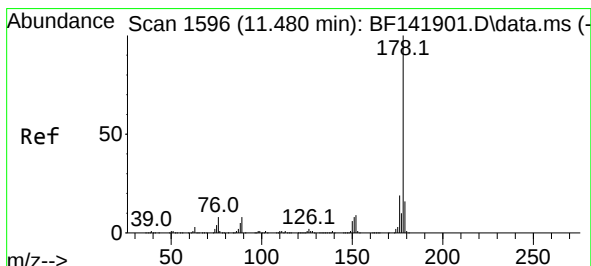
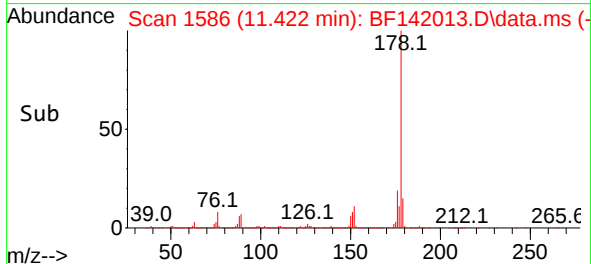
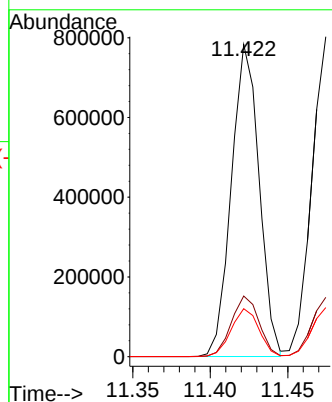
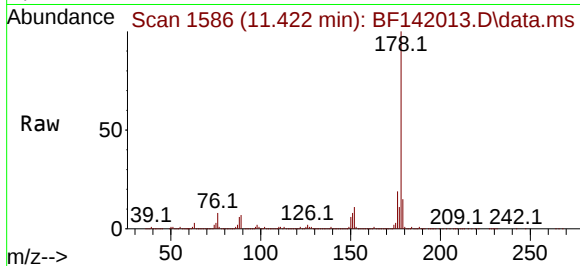




#71
Phenanthrene
Concen: 45.445 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

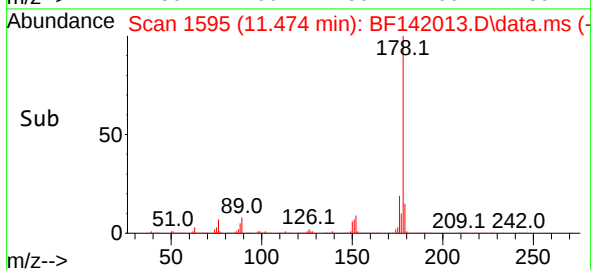
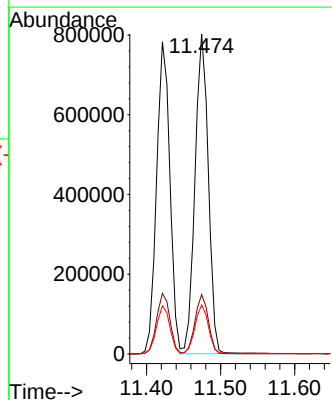
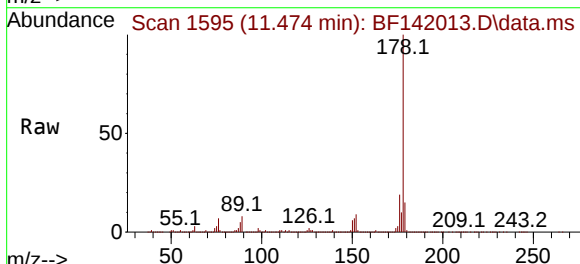
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

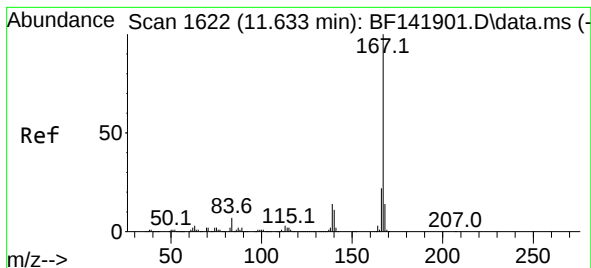
Tgt Ion:178 Resp: 975078
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.4 12.6 19.0



#72
Anthracene
Concen: 46.460 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:178 Resp: 1000107
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.3 12.6 19.0





#73

Carbazole

Concen: 39.398 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

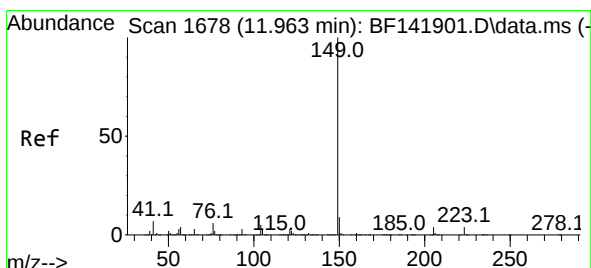
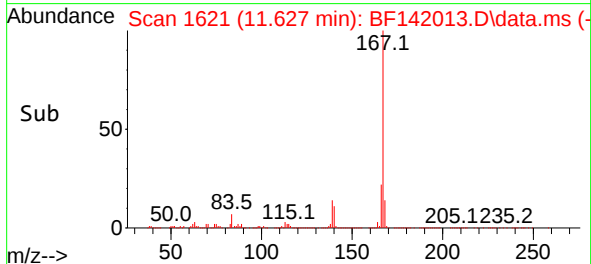
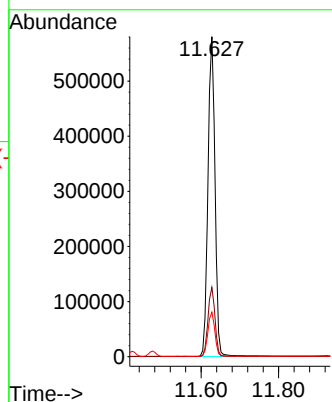
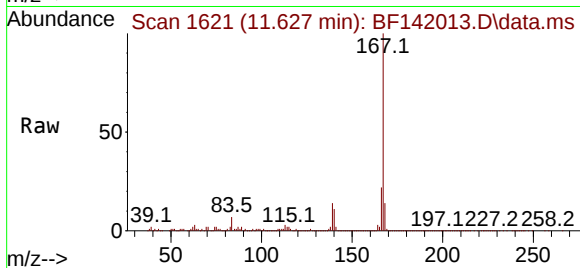
Tgt Ion:167 Resp: 731412

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.9 11.0 16.6



#74

Di-n-butylphthalate

Concen: 42.506 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

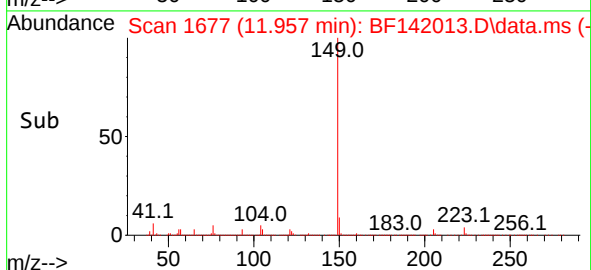
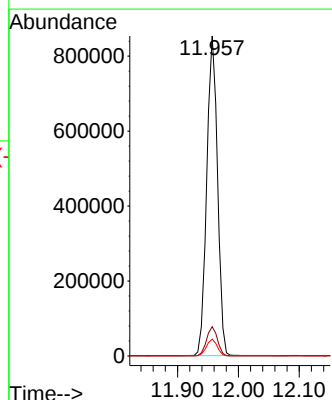
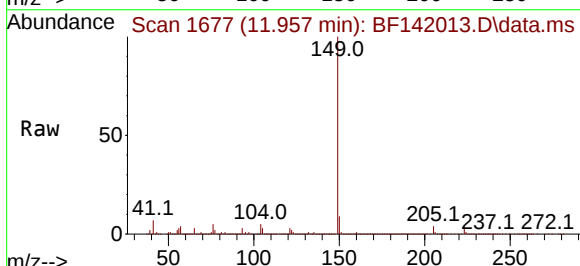
Tgt Ion:149 Resp: 1047061

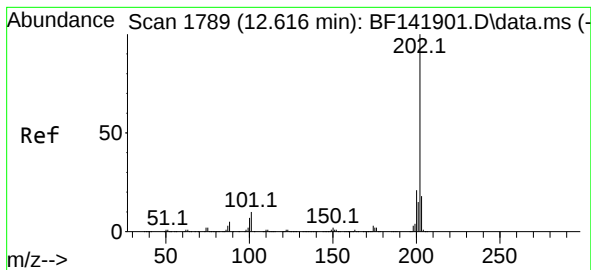
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.2 4.4 6.6

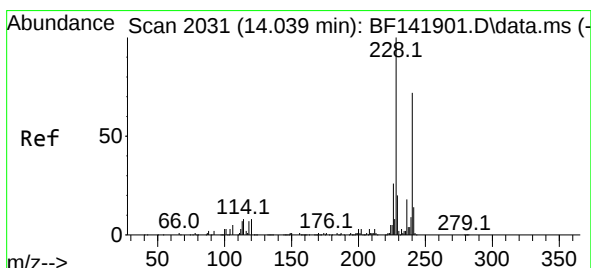
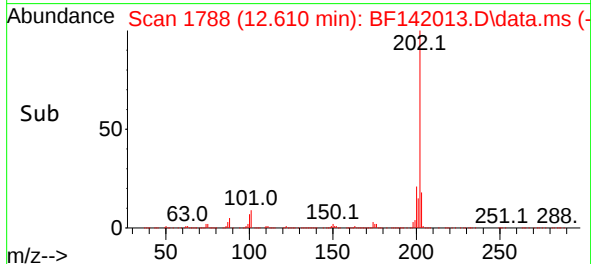
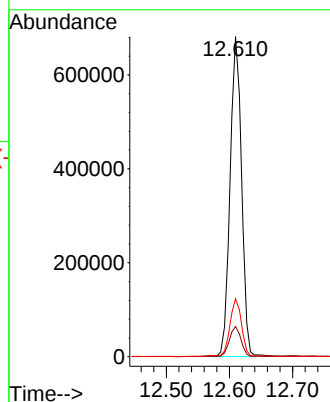
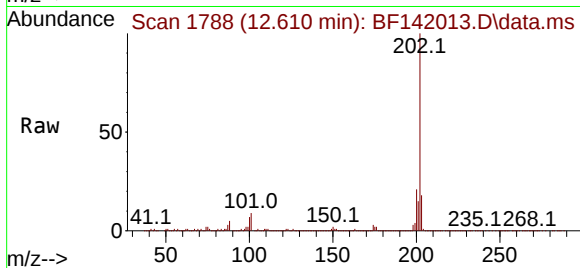




#75
Fluoranthene
Concen: 37.796 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

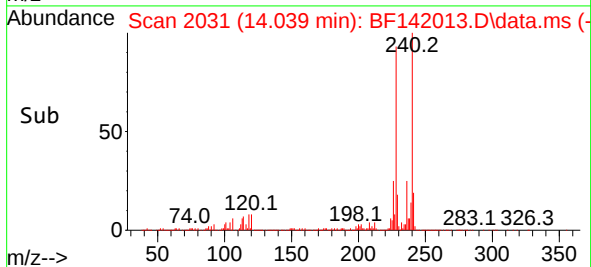
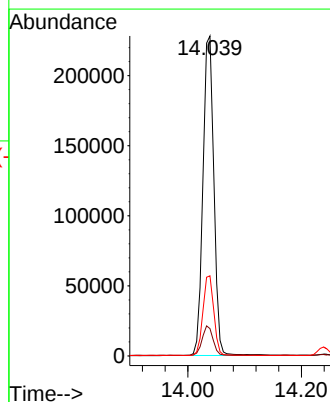
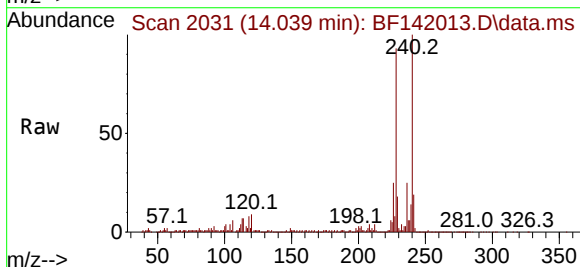
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

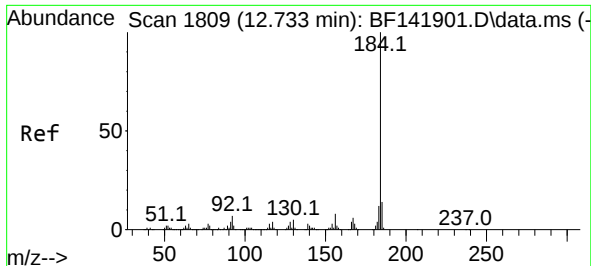
Tgt Ion:202 Resp: 860248
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:240 Resp: 303911
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 25.1 20.5 30.7

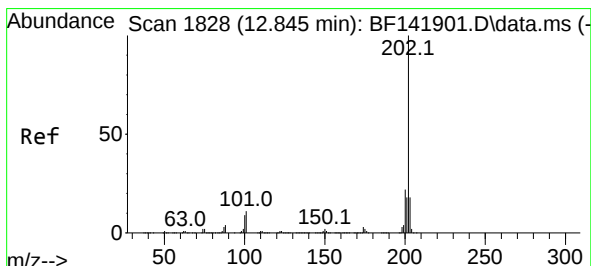
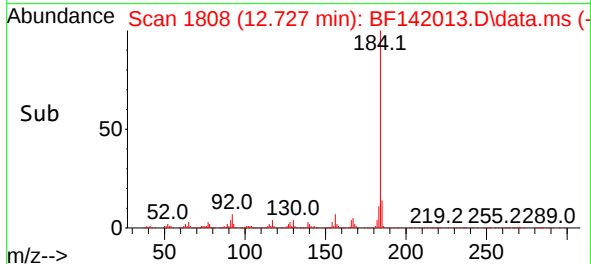
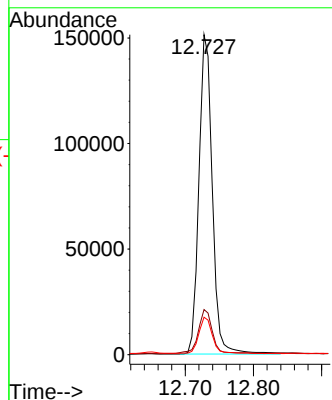
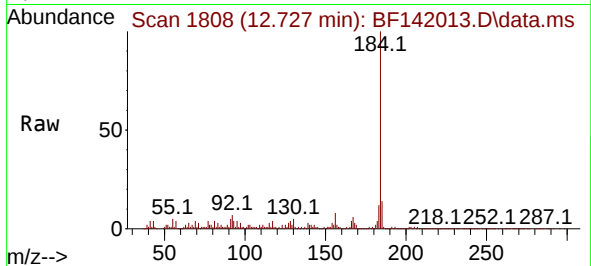




#77
Benzidine
Concen: 48.714 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

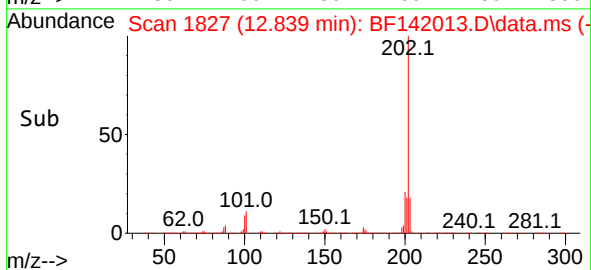
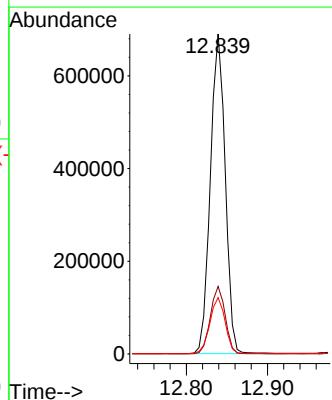
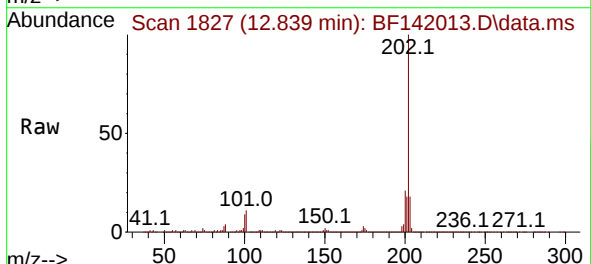
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

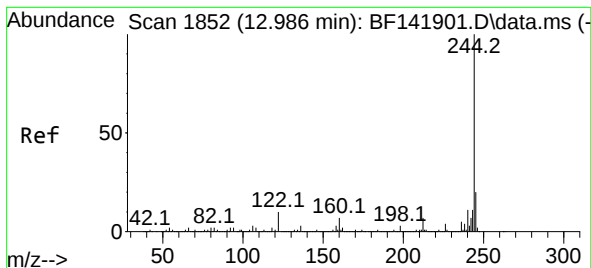
Tgt Ion:184 Resp: 206553
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.7 9.7 14.5



#78
Pyrene
Concen: 33.260 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:202 Resp: 874347
Ion Ratio Lower Upper
202 100
200 21.1 17.3 25.9
203 17.6 14.4 21.6





#79

Terphenyl-d14

Concen: 45.045 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

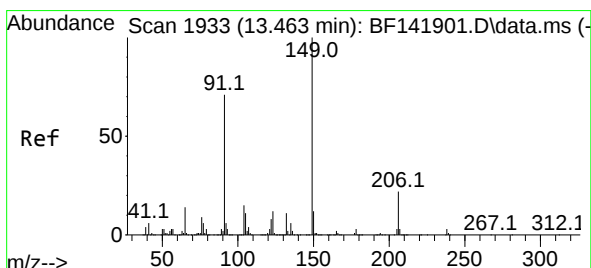
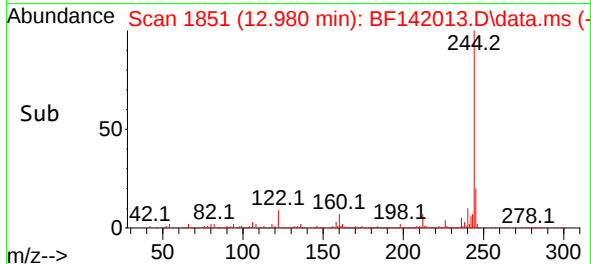
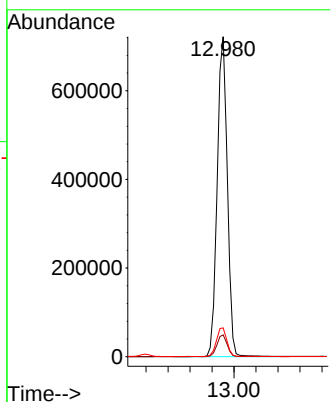
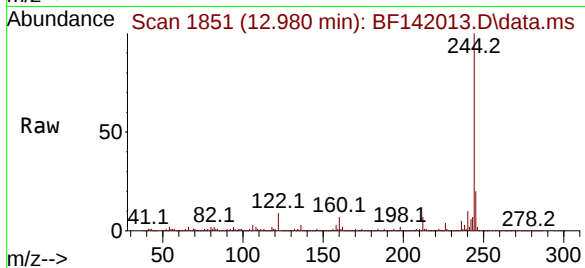
Tgt Ion:244 Resp: 925946

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 35.063 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

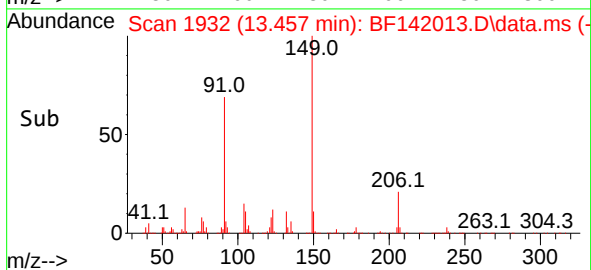
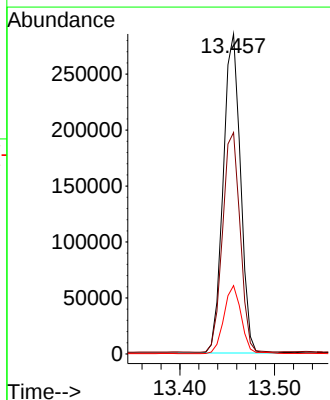
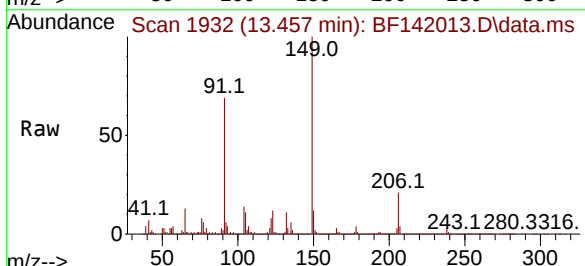
Tgt Ion:149 Resp: 360776

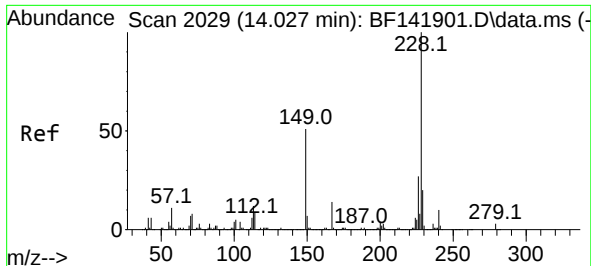
Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

206 21.3 17.3 25.9

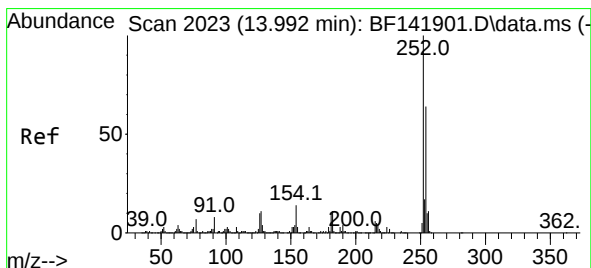
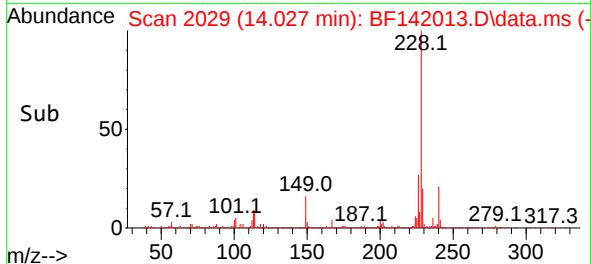
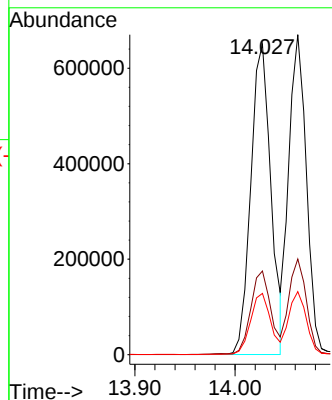
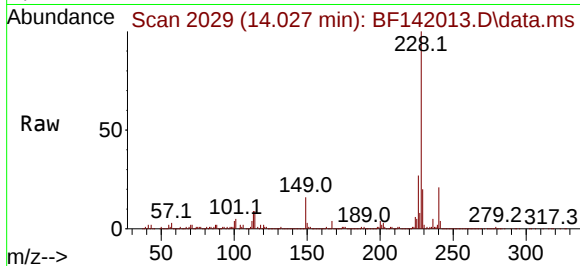




#81
Benzo(a)anthracene
Concen: 45.593 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

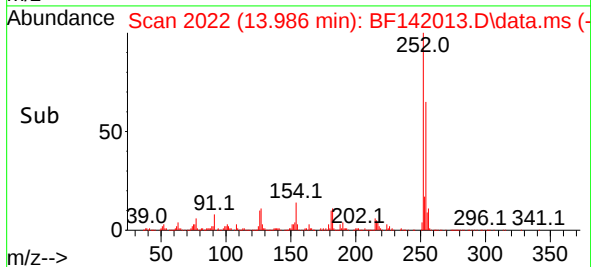
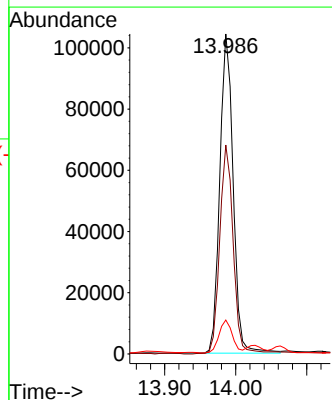
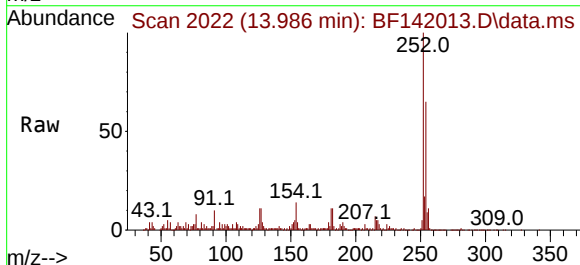
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:228 Resp: 909251
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.7 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 23.519 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:252 Resp: 135543
Ion Ratio Lower Upper
252 100
254 65.3 51.0 76.6
126 10.6 8.4 12.6





#83

Chrysene

Concen: 44.875 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

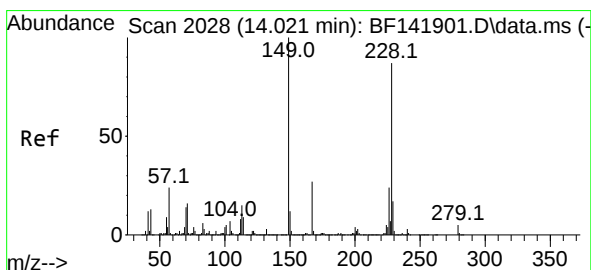
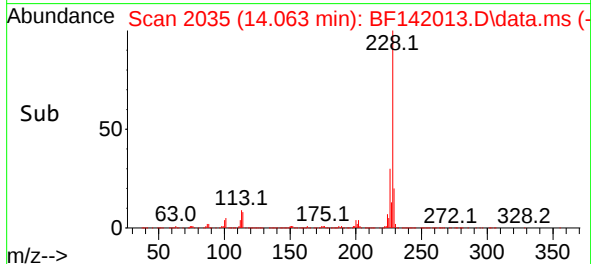
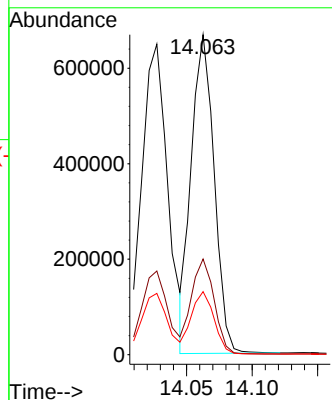
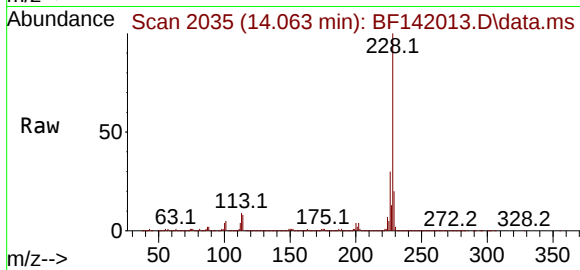
Tgt Ion:228 Resp: 811226

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.225 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

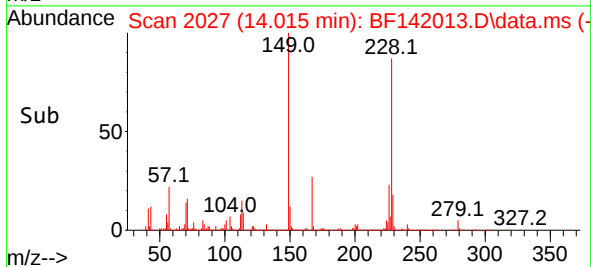
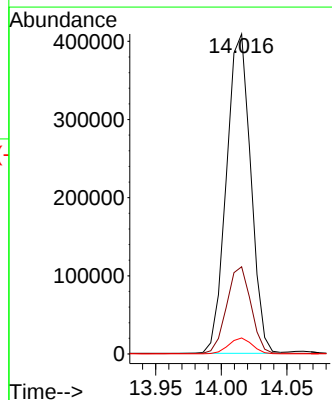
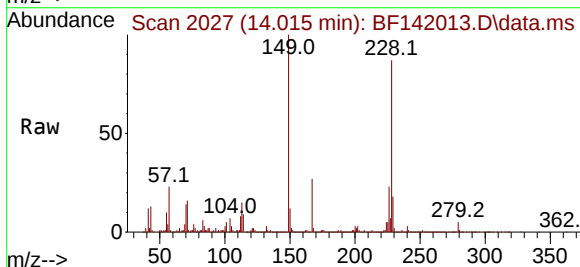
Tgt Ion:149 Resp: 528102

Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 5.0 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.796 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

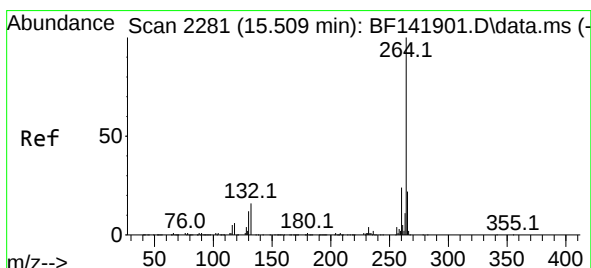
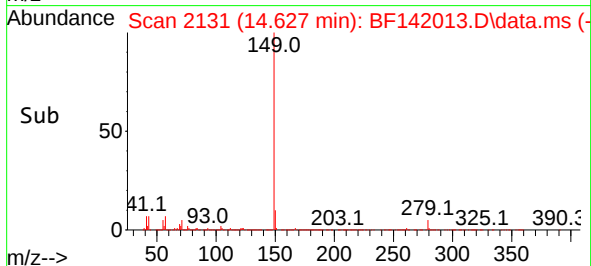
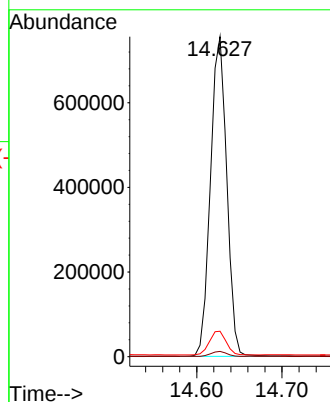
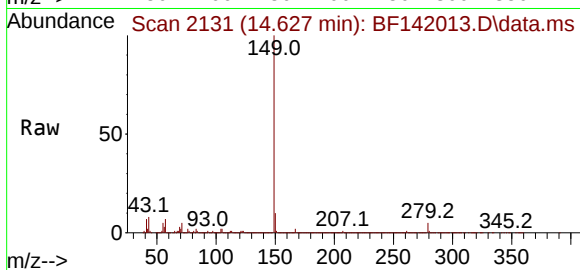
Tgt Ion:149 Resp: 1002694

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

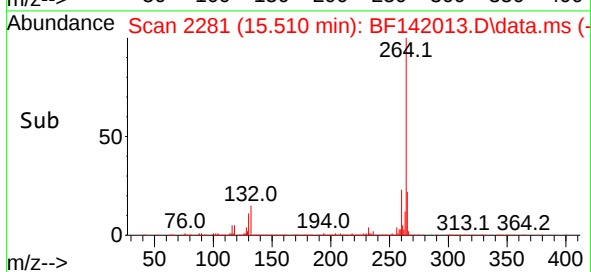
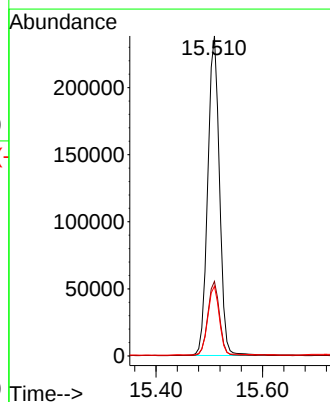
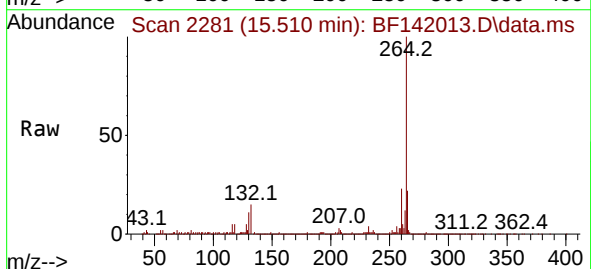
Tgt Ion:264 Resp: 362981

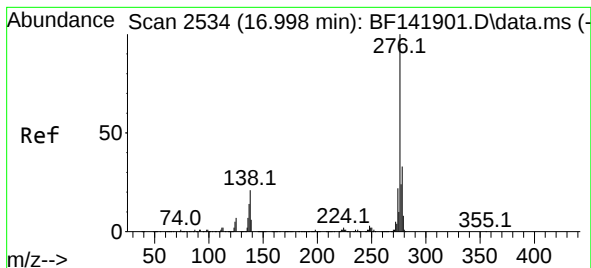
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.632 ng

RT: 16.998 min Scan# 2

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

Instrument :

BNA_F

ClientSampleId :

RBR251346MS

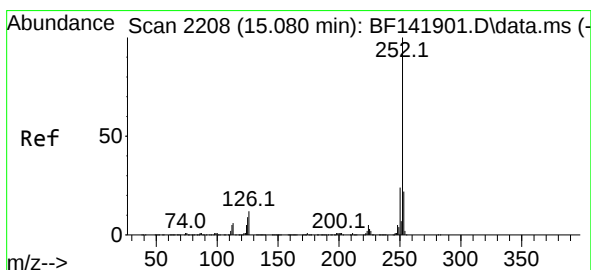
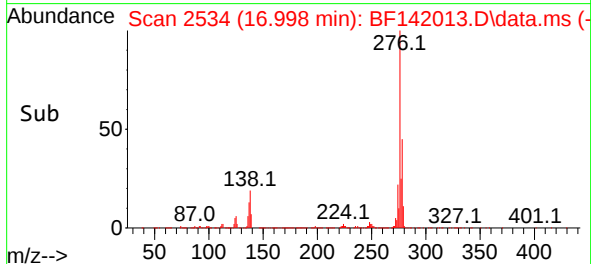
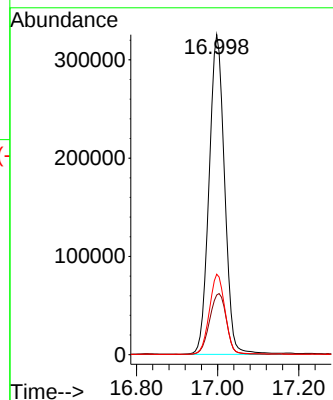
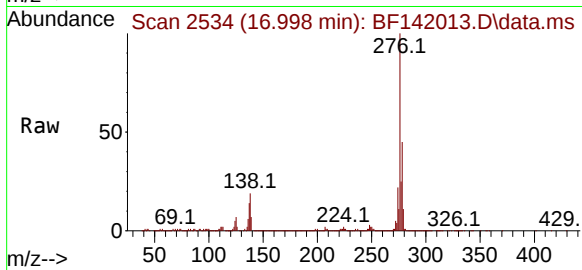
Tgt Ion:276 Resp: 860142

Ion Ratio Lower Upper

276 100

138 20.7 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.553 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142013.D

Acq: 20 Mar 2025 16:07

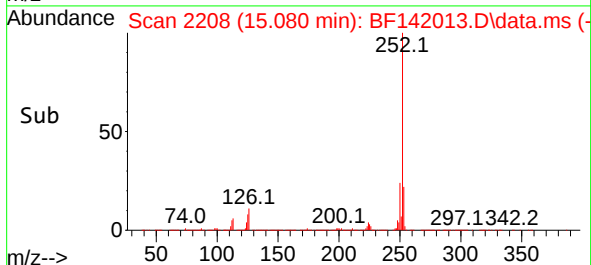
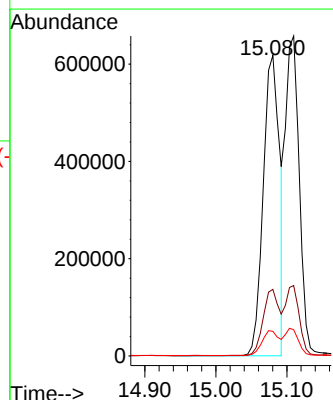
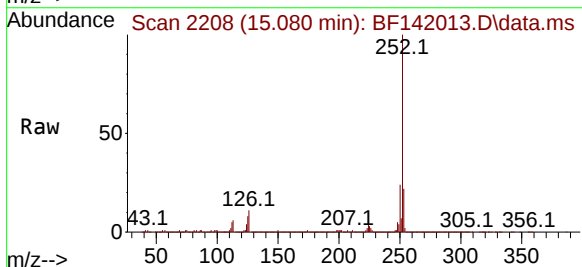
Tgt Ion:252 Resp: 983960

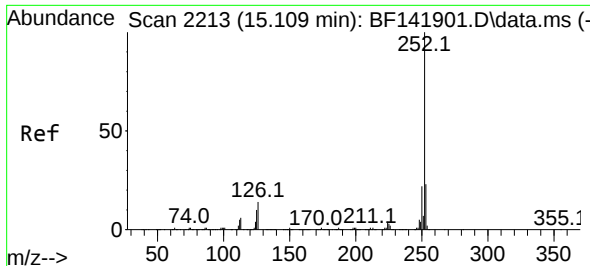
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.2 7.0 10.4

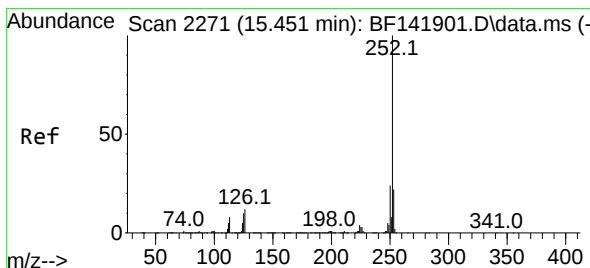
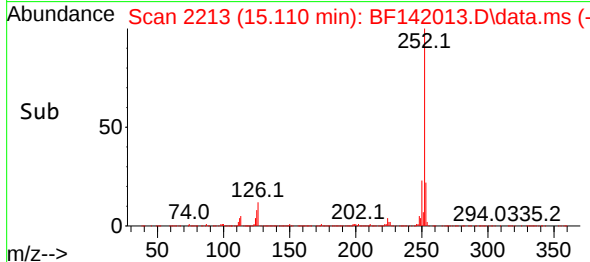
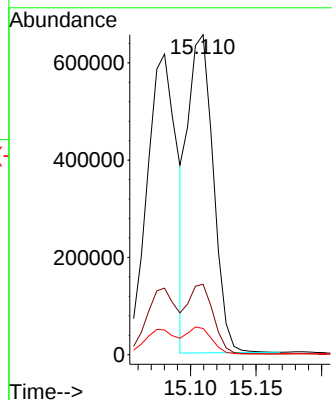
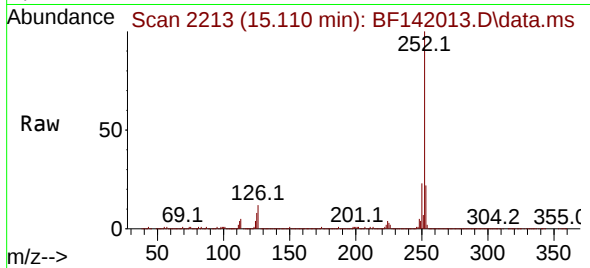




#89
Benzo(k)fluoranthene
Concen: 41.455 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

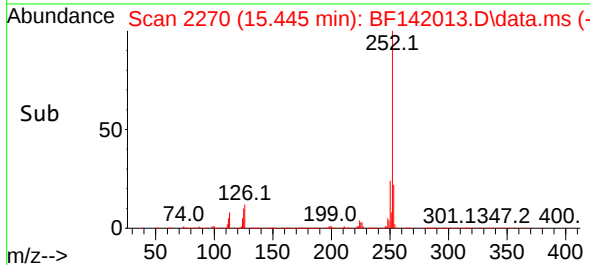
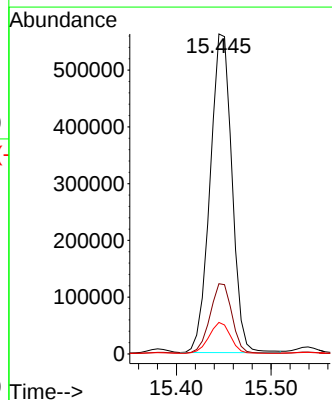
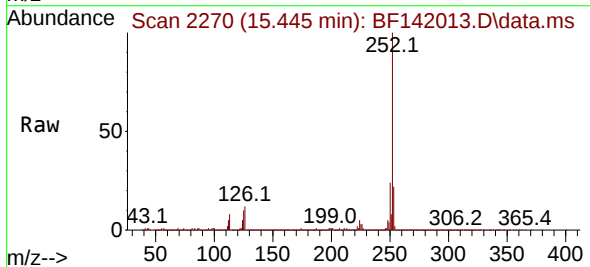
Instrument :
BNA_F
ClientSampleId :
RBR251346MS

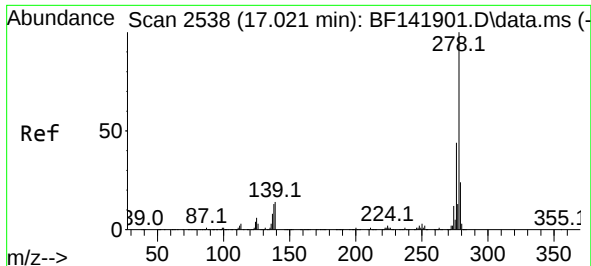
Tgt Ion:252 Resp: 882542
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 46.287 ng
RT: 15.445 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:252 Resp: 900988
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.9 7.8 11.8

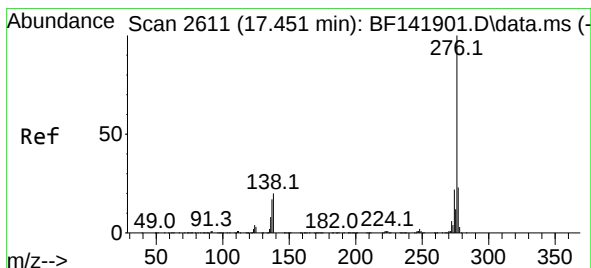
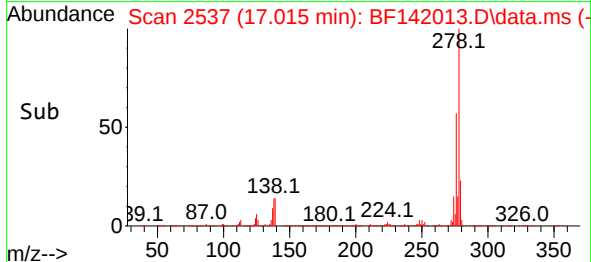
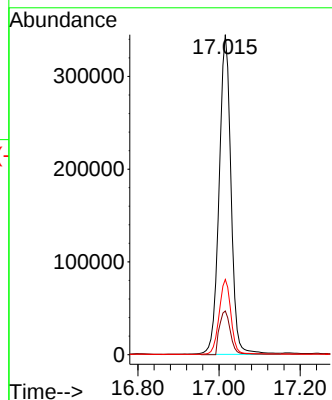
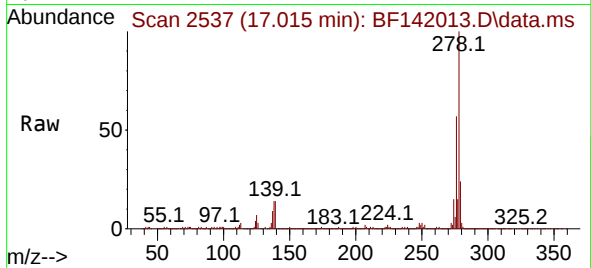




#91
Dibenzo(a,h)anthracene
Concen: 36.247 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Instrument :
BNA_F
ClientSampleId :
RBR251346MS

Tgt Ion:278 Resp: 702231
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 30.751 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.006 min
Lab File: BF142013.D
Acq: 20 Mar 2025 16:07

Tgt Ion:276 Resp: 588725
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 18.5 15.8 23.8

