

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140686.D
 Acq On : 02 Dec 2024 12:41
 Operator : RC/JU
 Sample : PB165294BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS

Quant Time: Dec 02 13:03:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73424	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	289038	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	165983	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	315793	20.000	ng	0.00
76) Chrysene-d12	14.063	240	189731	20.000	ng	0.01
86) Perylene-d12	15.580	264	164500	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	633356	147.178	ng	0.01
7) Phenol-d6	6.516	99	839141	147.499	ng	0.00
23) Nitrobenzene-d5	7.434	82	555836	98.365	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	264384	148.932	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1076487	96.631	ng	0.00
79) Terphenyl-d14	12.986	244	1237478	101.560	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	84344	46.616	ng	98
3) Pyridine	3.498	79	200795	50.439	ng	99
4) n-Nitrosodimethylamine	3.451	42	113771	48.626	ng	94
6) Aniline	6.534	93	200220	50.001	ng	# 84
8) 2-Chlorophenol	6.663	128	252460	54.530	ng	95
9) Benzaldehyde	6.422	77	94676	31.436	ng	100
10) Phenol	6.528	94	315385	54.283	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	232089	52.202	ng	99
12) 1,3-Dichlorobenzene	6.810	146	265521	51.040	ng	98
13) 1,4-Dichlorobenzene	6.887	146	269073	51.083	ng	100
14) 1,2-Dichlorobenzene	7.039	146	264233	53.534	ng	99
15) Benzyl Alcohol	7.016	79	234354	55.547	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	296153	56.384	ng	91
17) 2-Methylphenol	7.128	107	204206	55.101	ng	98
18) Hexachloroethane	7.381	117	102505	52.104	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	181204	53.894	ng	98
20) 3+4-Methylphenols	7.287	107	265384	55.711	ng	# 89
22) Acetophenone	7.281	105	350168	49.693	ng	97
24) Nitrobenzene	7.451	77	285397	48.867	ng	99
25) Isophorone	7.692	82	493720	52.384	ng	100
26) 2-Nitrophenol	7.769	139	140594	54.323	ng	96
27) 2,4-Dimethylphenol	7.804	122	197451	63.763	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	297049	51.735	ng	100
29) 2,4-Dichlorophenol	8.016	162	220064	53.631	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	230314	49.160	ng	99
31) Naphthalene	8.175	128	758605	50.954	ng	99
32) Benzoic acid	7.939	122	111046	42.226	ng	99
33) 4-Chloroaniline	8.222	127	109929	24.661	ng	97
34) Hexachlorobutadiene	8.286	225	150049	48.354	ng	99
35) Caprolactam	8.598	113	49082	38.652	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	248152	54.015	ng	100
37) 2-Methylnaphthalene	8.863	142	500971	52.978	ng	99
38) 1-Methylnaphthalene	8.963	142	470526	50.763	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240177	49.428	ng	99
41) Hexachlorocyclopentadiene	9.016	237	193923	168.656	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	153693	50.407	ng	97

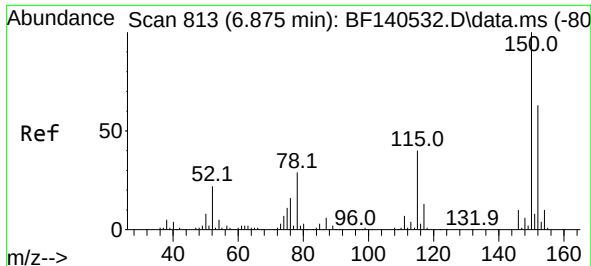
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165866	50.124	ng	98
46) 1,1'-Biphenyl	9.328	154	623466	50.310	ng	100
47) 2-Chloronaphthalene	9.357	162	474911	50.576	ng	98
48) 2-Nitroaniline	9.457	65	156189	51.821	ng	94
49) Acenaphthylene	9.769	152	782193	55.132	ng	100
50) Dimethylphthalate	9.628	163	570348	52.175	ng	100
51) 2,6-Dinitrotoluene	9.698	165	125293	50.537	ng	93
52) Acenaphthene	9.945	154	475885	52.790	ng	99
53) 3-Nitroaniline	9.869	138	75567	31.164	ng	95
54) 2,4-Dinitrophenol	9.986	184	112627	86.961	ng	94
55) Dibenzofuran	10.116	168	716969	52.142	ng	100
56) 4-Nitrophenol	10.045	139	159450	96.420	ng	94
57) 2,4-Dinitrotoluene	10.104	165	171936	52.182	ng	98
58) Fluorene	10.457	166	573566	51.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147242	57.897	ng	92
60) Diethylphthalate	10.327	149	572178	51.517	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	279125	51.533	ng	98
62) 4-Nitroaniline	10.486	138	134507	52.890	ng	92
63) Azobenzene	10.610	77	554971	52.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89314	55.347	ng	99
66) n-Nitrosodiphenylamine	10.569	169	496987	53.217	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	165605	50.921	ng	97
68) Hexachlorobenzene	11.010	284	192734	51.181	ng	99
69) Atrazine	11.098	200	162107	61.703	ng	99
70) Pentachlorophenol	11.210	266	156988	94.721	ng	99
71) Phenanthrene	11.427	178	822840	54.206	ng	99
72) Anthracene	11.474	178	842541	56.741	ng	100
73) Carbazole	11.633	167	770976	53.972	ng	100
74) Di-n-butylphthalate	11.951	149	866939	52.569	ng	99
75) Fluoranthene	12.616	202	891314	54.080	ng	99
77) Benzidine	12.739	184	220537	39.979	ng	99
78) Pyrene	12.845	202	916827	52.262	ng	100
80) Butylbenzylphthalate	13.457	149	345862	54.728	ng	97
81) Benzo(a)anthracene	14.051	228	686170	54.634	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	115916	30.740	ng	97
83) Chrysene	14.092	228	636230	55.400	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	443875	55.624	ng	99
85) Di-n-octyl phthalate	14.674	149	629771	57.748	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	572111	53.367	ng	98
88) Benzo(b)fluoranthene	15.145	252	573795	55.533	ng	99
89) Benzo(k)fluoranthene	15.174	252	449220	49.683	ng	100
90) Benzo(a)pyrene	15.521	252	477970	56.894	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	459050	52.286	ng	99
92) Benzo(g,h,i)perylene	17.562	276	435299	48.588	ng	98

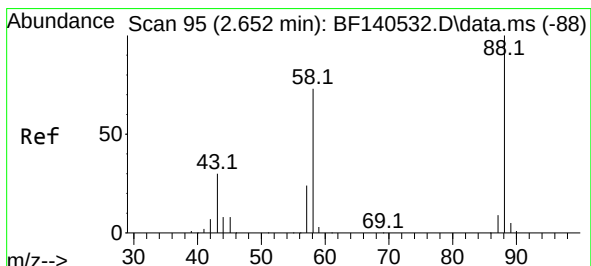
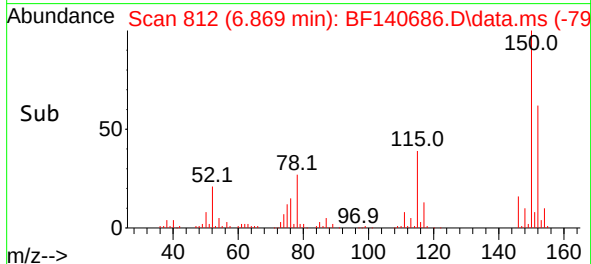
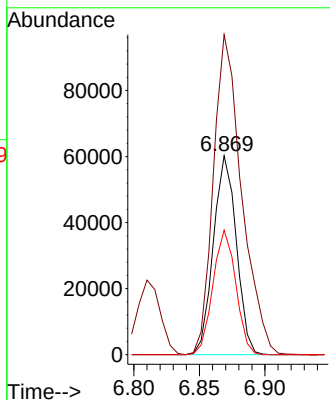
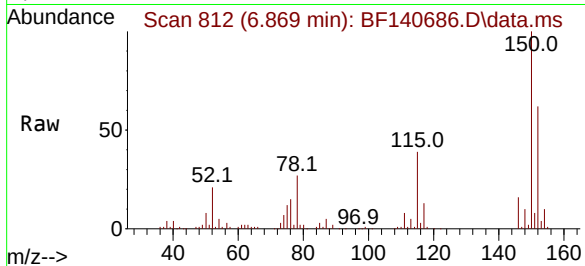
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
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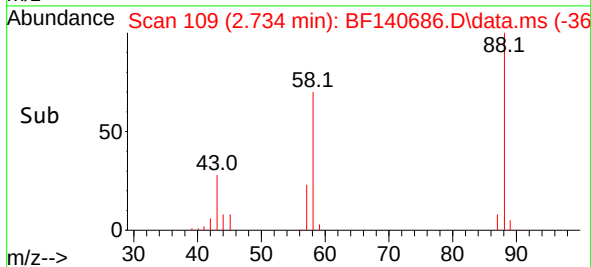
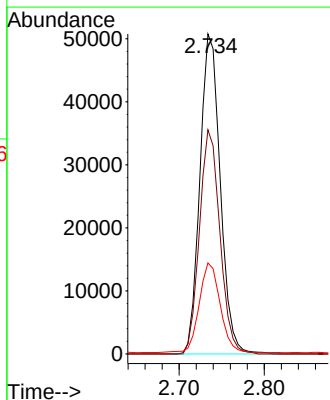
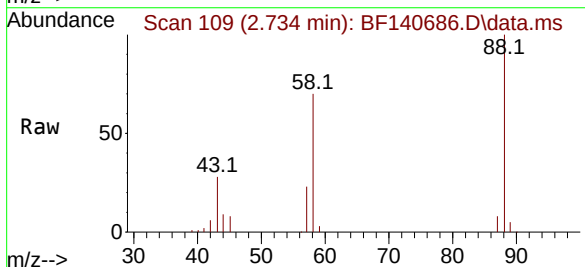
Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS

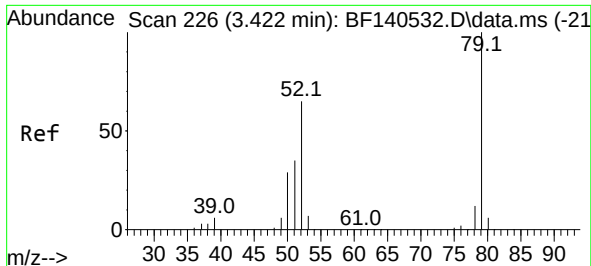
Tgt Ion:152 Resp: 73424
 Ion Ratio Lower Upper
 152 100
 150 160.9 128.5 192.7
 115 62.6 50.2 75.4



#2
 1,4-Dioxane
 Concen: 46.616 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

Tgt Ion: 88 Resp: 84344
 Ion Ratio Lower Upper
 88 100
 58 70.3 57.4 86.2
 43 28.9 24.3 36.5





#3

Pyridine

Concen: 50.439 ng

RT: 3.498 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

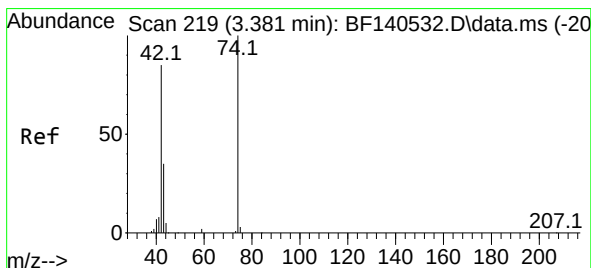
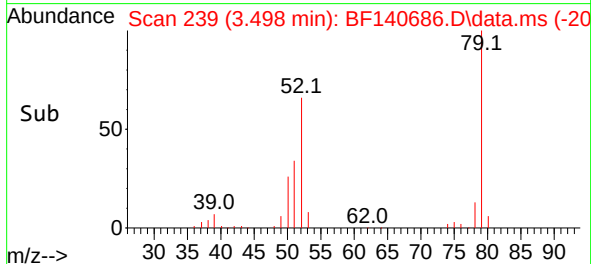
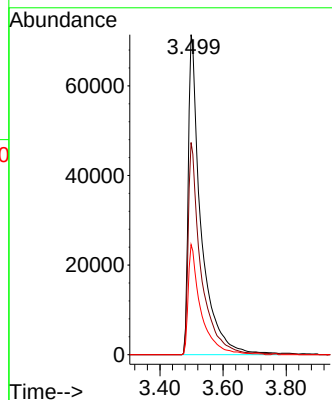
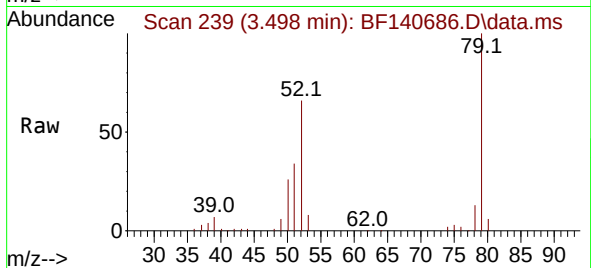
Tgt Ion: 79 Resp: 200795

Ion Ratio Lower Upper

79 100

52 66.3 52.1 78.1

51 34.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 48.626 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.071 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

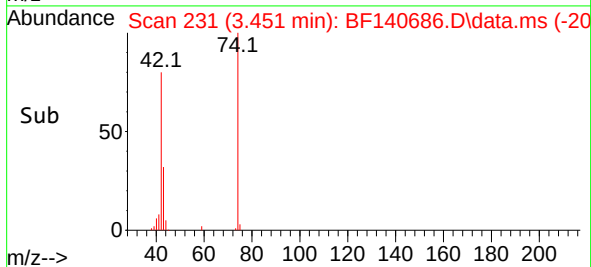
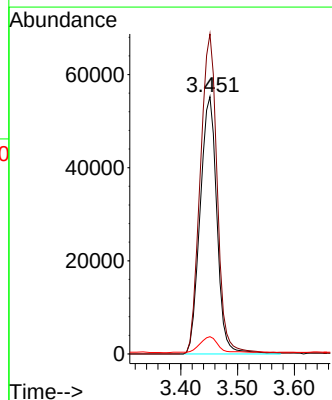
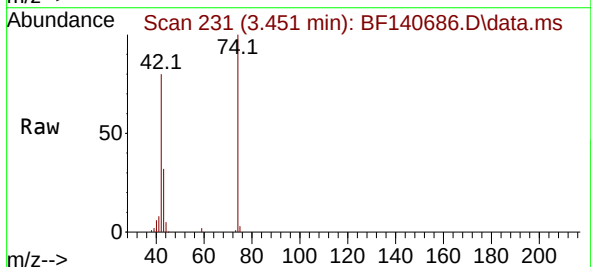
Tgt Ion: 42 Resp: 113771

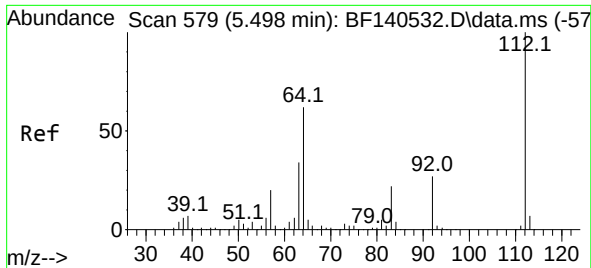
Ion Ratio Lower Upper

42 100

74 124.4 93.8 140.6

44 6.7 4.6 6.8

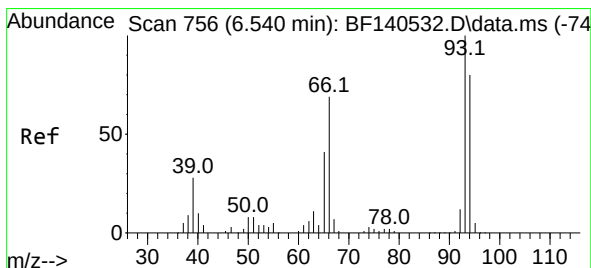
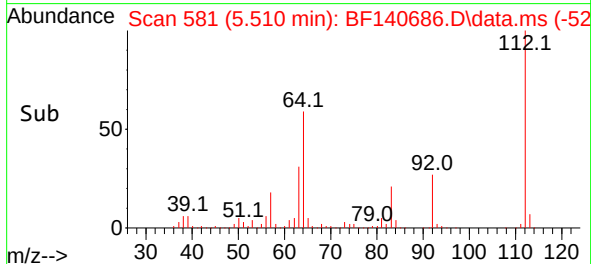
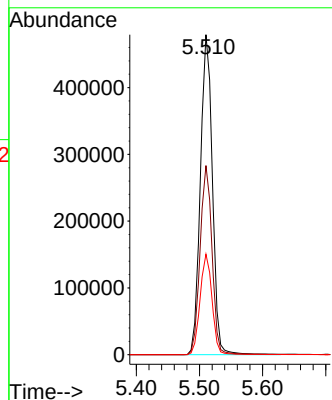
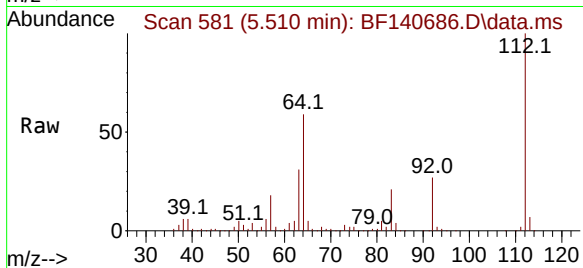




#5
2-Fluorophenol
Concen: 147.178 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

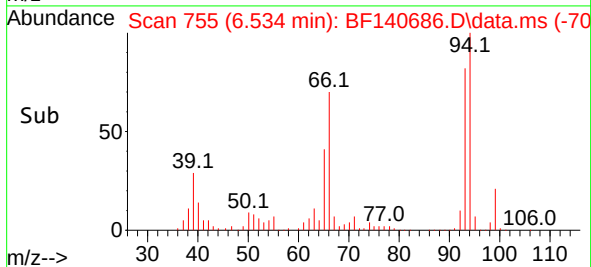
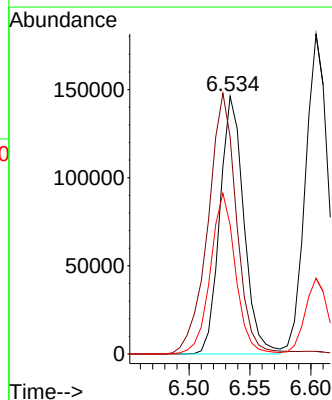
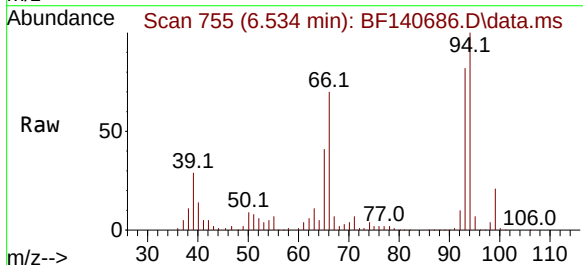
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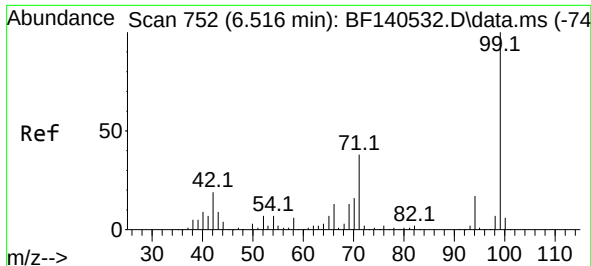
Tgt Ion:112 Resp: 633356
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.4 27.0 40.4



#6
Aniline
Concen: 50.001 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 93 Resp: 200220
Ion Ratio Lower Upper
93 100
66 84.3 56.5 84.7
65 50.2 32.9 49.3#

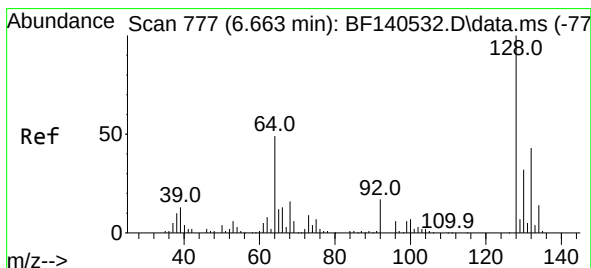
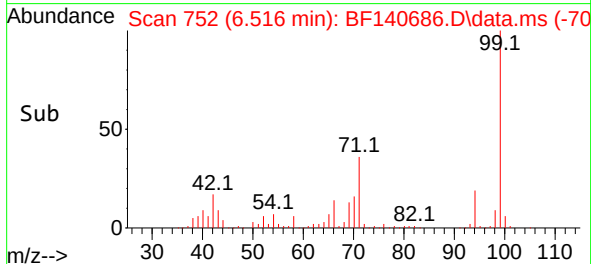
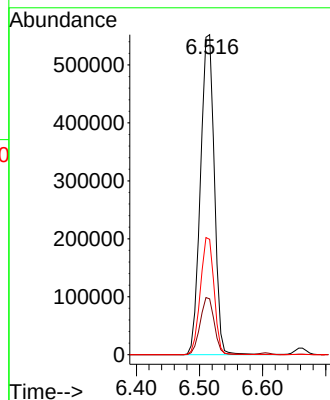
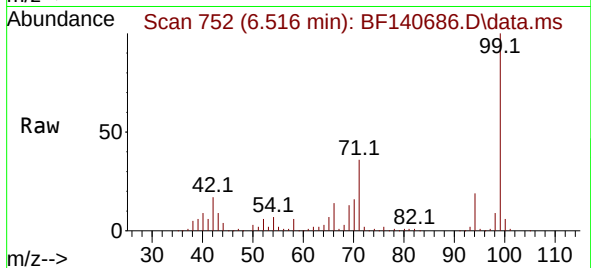




#7
Phenol-d6
Concen: 147.499 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

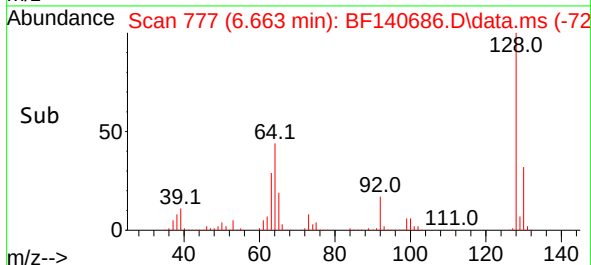
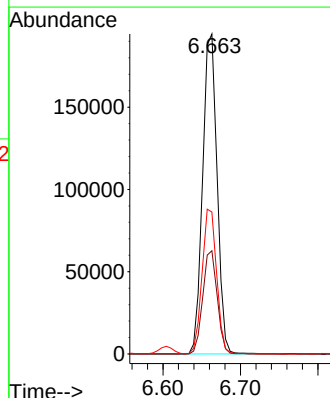
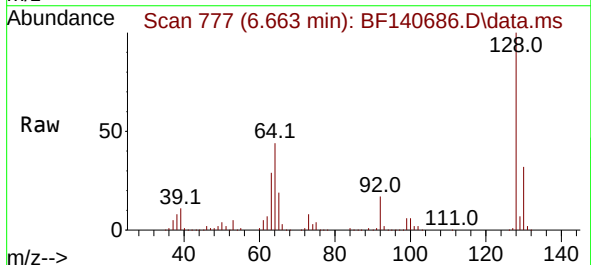
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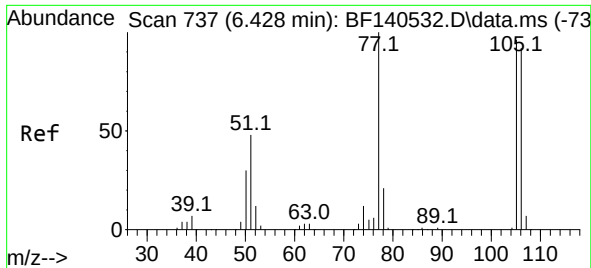
Tgt Ion: 99 Resp: 839141
Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 54.530 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:128 Resp: 252460
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 44.3 30.2 70.2





#9

Benzaldehyde

Concen: 31.436 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

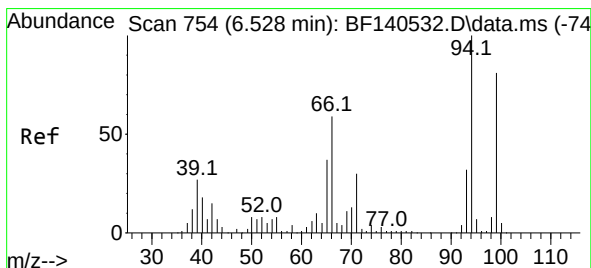
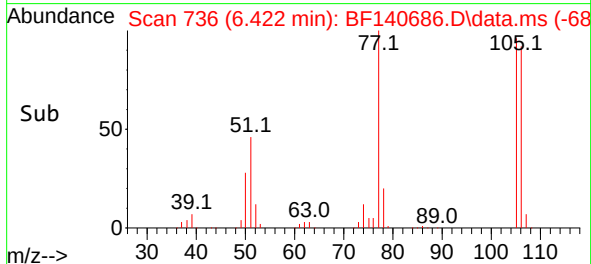
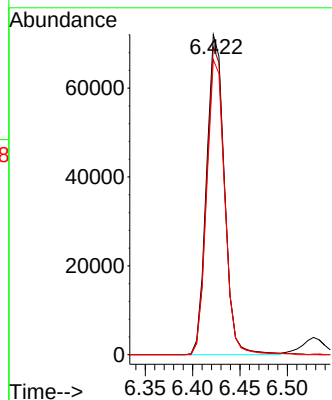
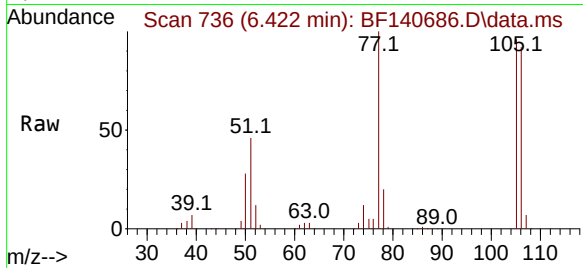
Tgt Ion: 77 Resp: 94676

Ion Ratio Lower Upper

77 100

105 96.2 75.6 115.6

106 92.2 72.0 112.0



#10

Phenol

Concen: 54.283 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

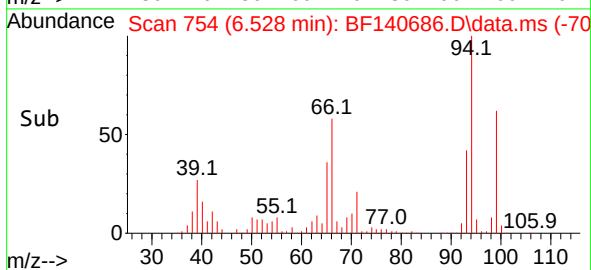
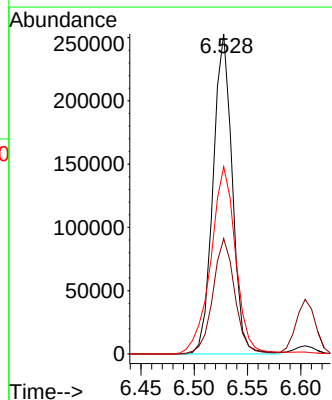
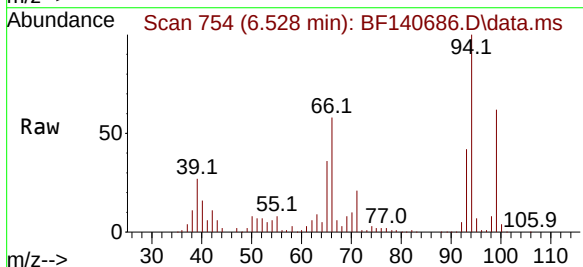
Tgt Ion: 94 Resp: 315385

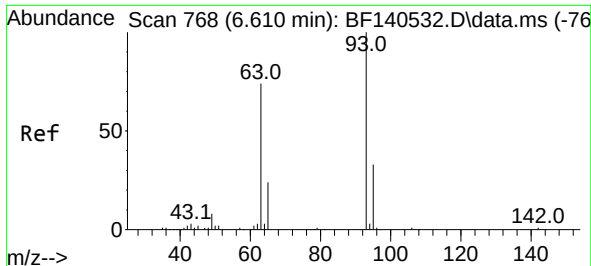
Ion Ratio Lower Upper

94 100

65 36.0 17.2 57.2

66 58.5 39.2 79.2

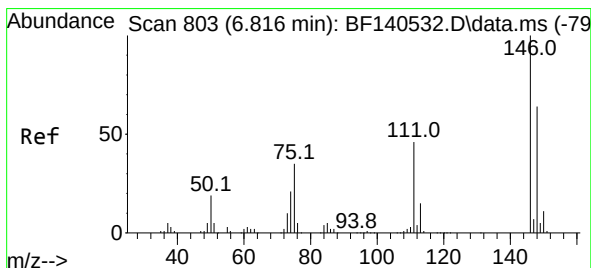
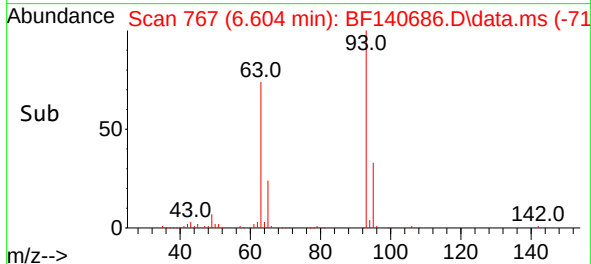
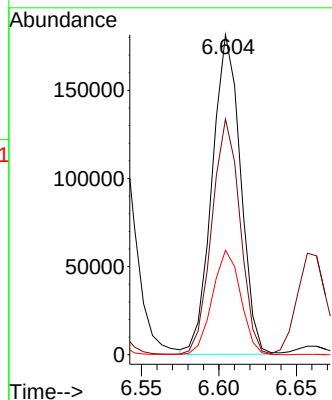
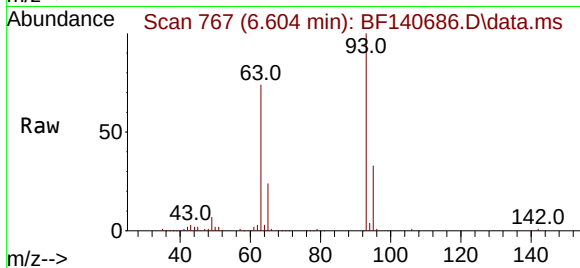




#11
bis(2-Chloroethyl)ether
Concen: 52.202 ng
RT: 6.604 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

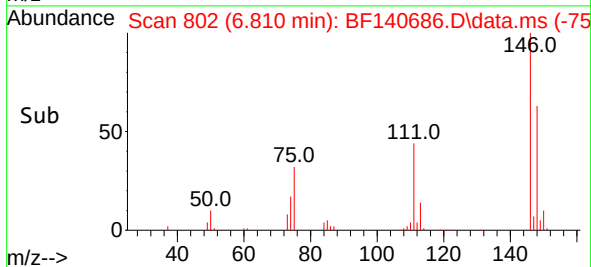
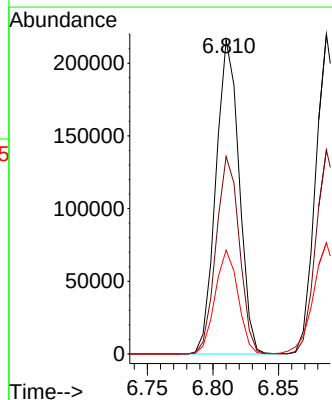
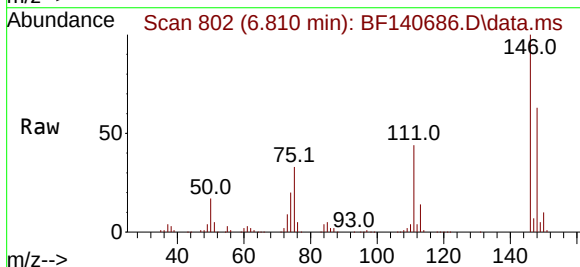
Instrument :
BNA_F
ClientSampleId :
PB165294BS

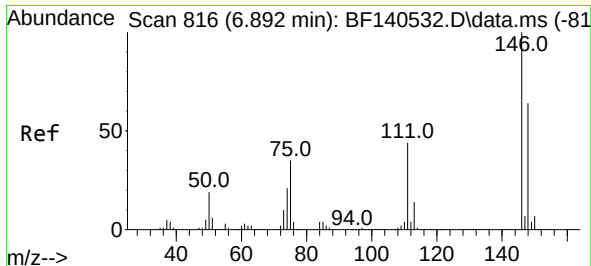
Tgt Ion: 93 Resp: 232089
Ion Ratio Lower Upper
93 100
63 73.7 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 51.040 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:146 Resp: 265521
Ion Ratio Lower Upper
146 100
148 62.9 51.3 76.9
75 33.1 28.2 42.2

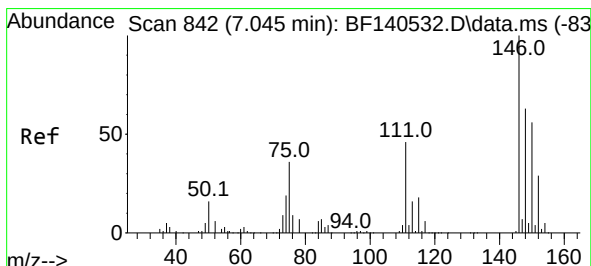
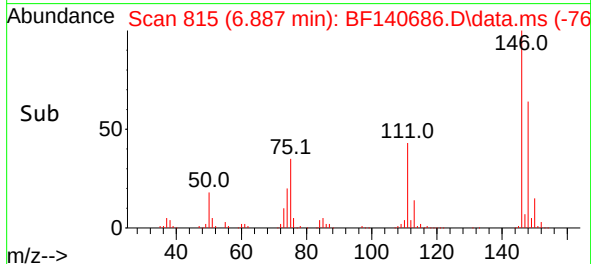
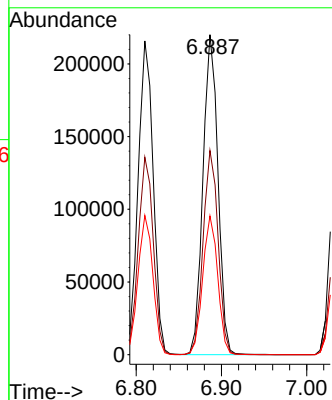
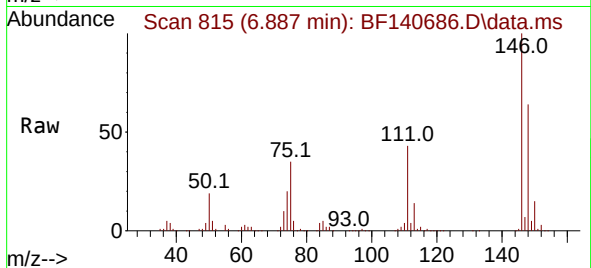




#13
1,4-Dichlorobenzene
Concen: 51.083 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

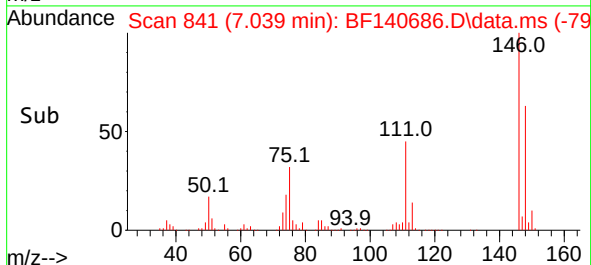
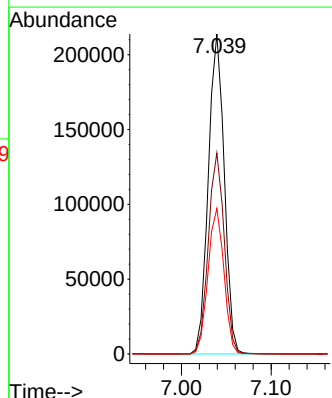
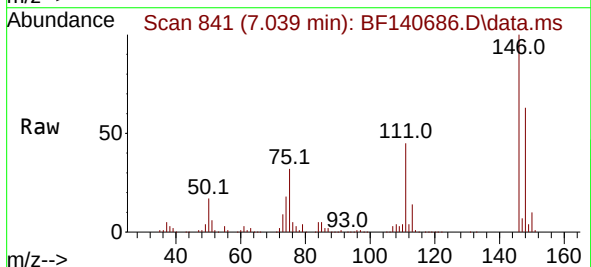
Instrument :
BNA_F
ClientSampleId :
PB165294BS

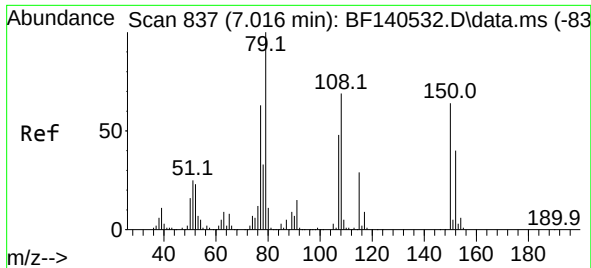
Tgt Ion:146 Resp: 269073
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 53.534 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:146 Resp: 264233
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
111 45.5 36.7 55.1

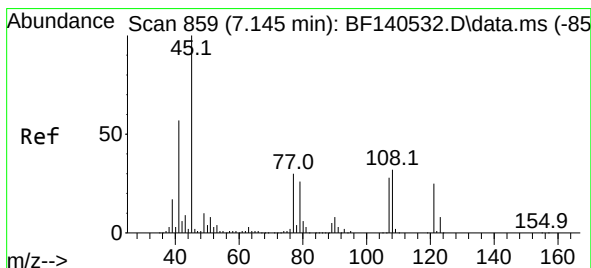
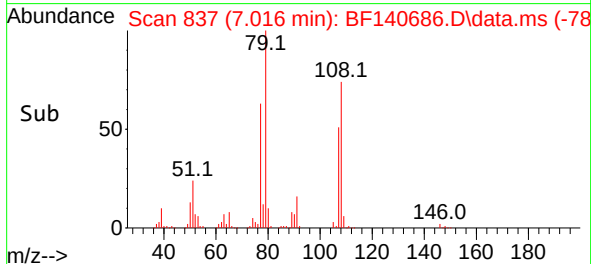
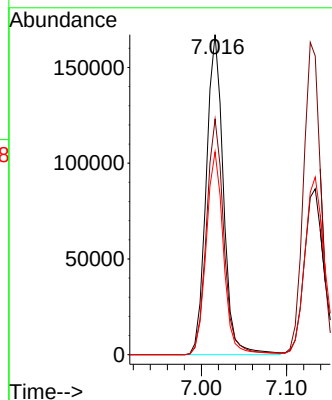
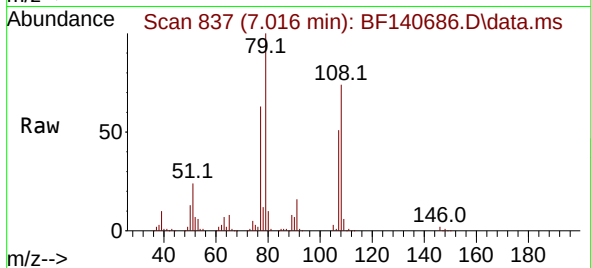




#15
Benzyl Alcohol
Concen: 55.547 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

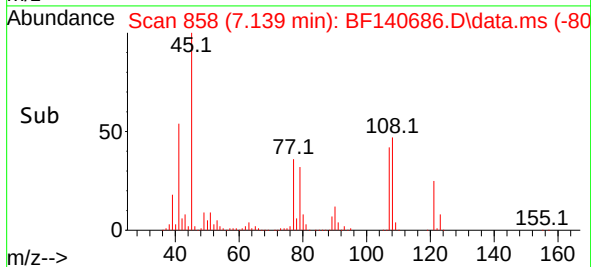
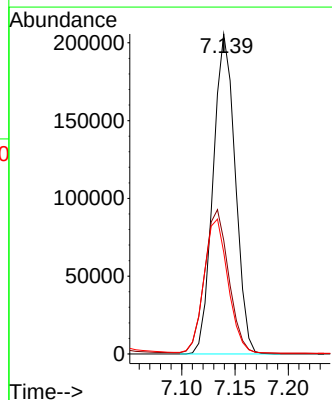
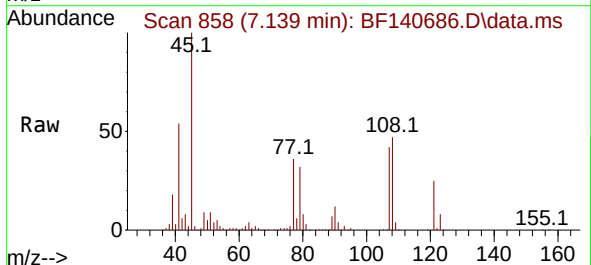
Instrument :
BNA_F
ClientSampleId :
PB165294BS

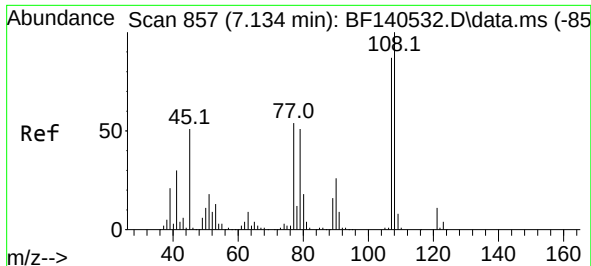
Tgt Ion: 79 Resp: 234354
Ion Ratio Lower Upper
79 100
108 73.6 55.0 82.6
77 63.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.384 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

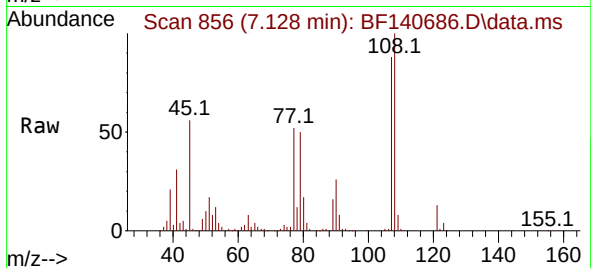
Tgt Ion: 45 Resp: 296153
Ion Ratio Lower Upper
45 100
77 35.5 10.7 50.7
79 31.8 7.0 47.0



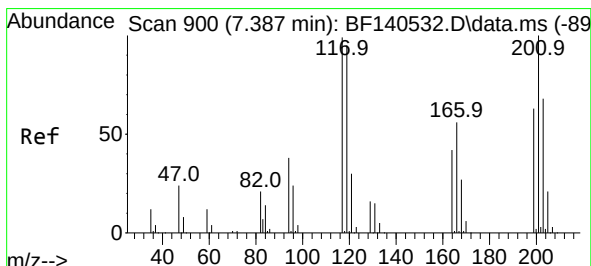
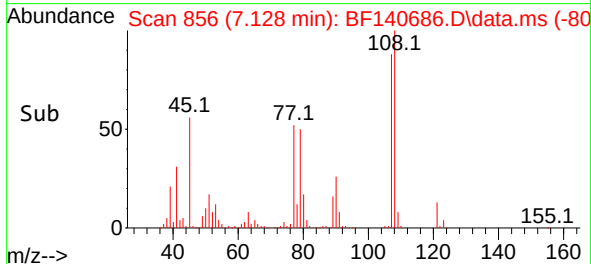
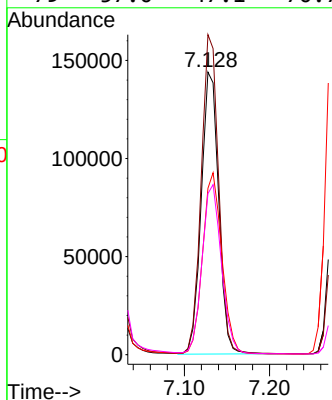


#17
2-Methylphenol
Concen: 55.101 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165294BS

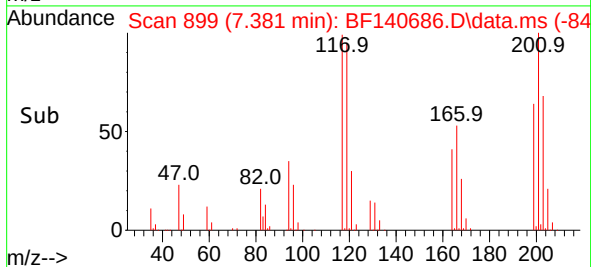
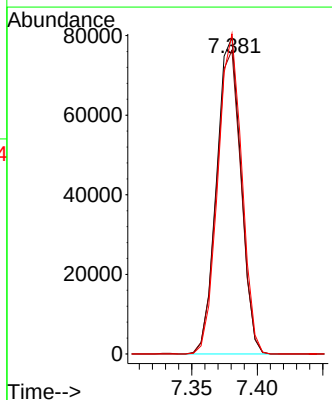
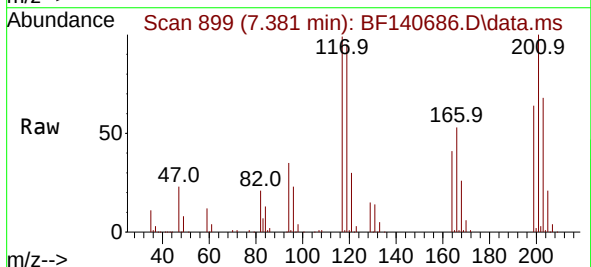


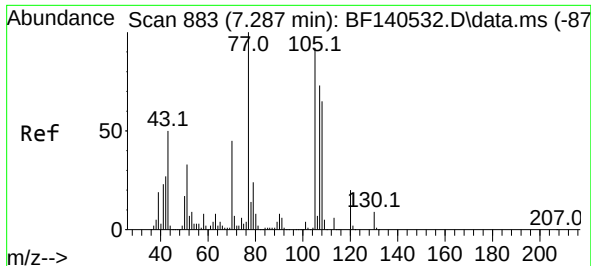
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	58.9	49.3	73.9
79	57.0	47.1	70.7



#18
Hexachloroethane
Concen: 52.104 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7
201	101.1	81.1	121.7

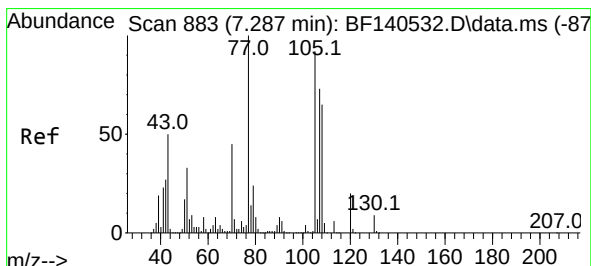
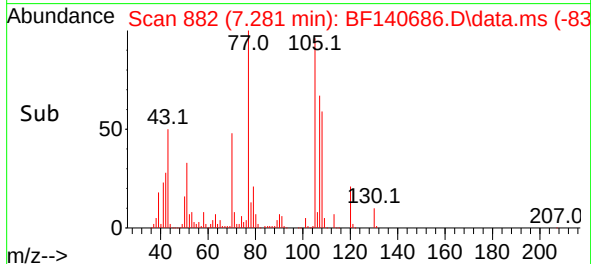
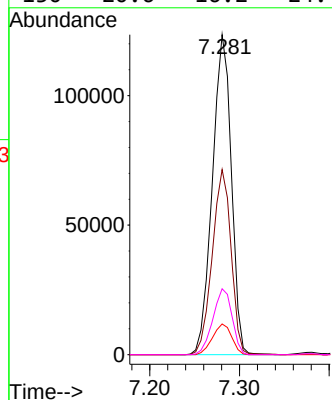
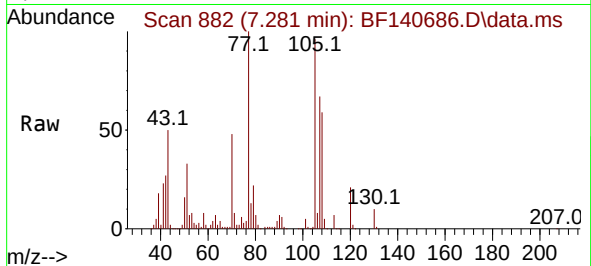




#19
n-Nitroso-di-n-propylamine
Concen: 53.894 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

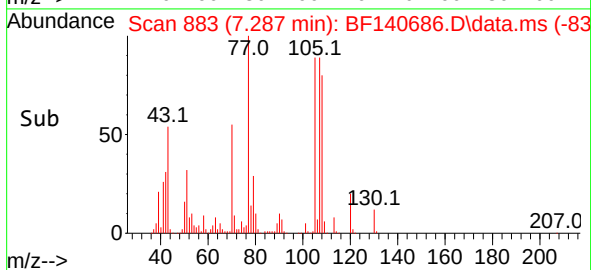
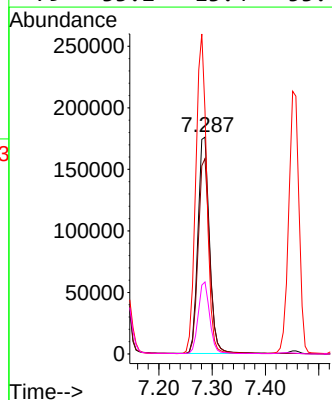
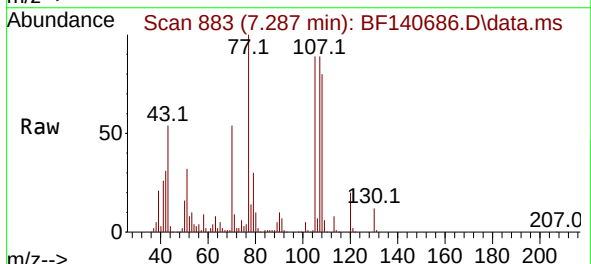
Instrument :
BNA_F
ClientSampleId :
PB165294BS

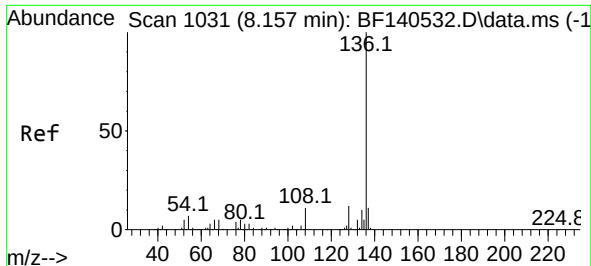
Tgt Ion: 70 Resp: 181204
Ion Ratio Lower Upper
70 100
42 57.9 47.6 71.4
101 9.6 7.6 11.4
130 20.6 16.2 24.4



#20
3+4-Methylphenols
Concen: 55.711 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 107 Resp: 265384
Ion Ratio Lower Upper
107 100
108 90.1 69.9 109.9
77 112.1 117.7 157.7#
79 33.2 13.4 53.4

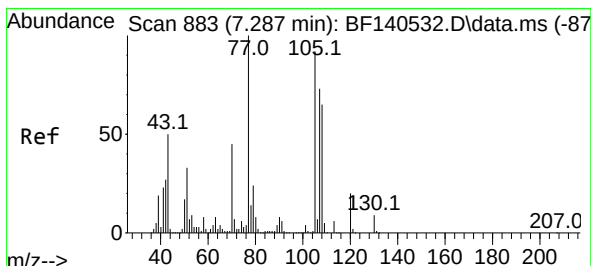
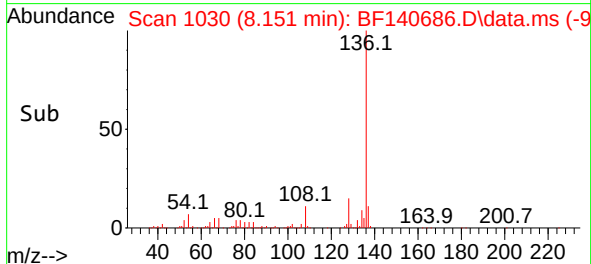
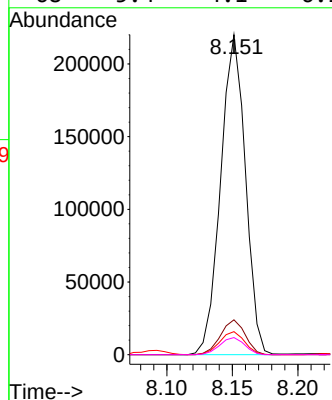
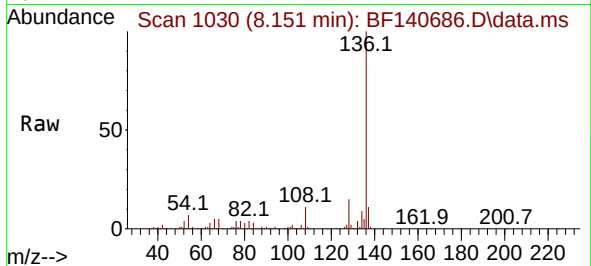




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

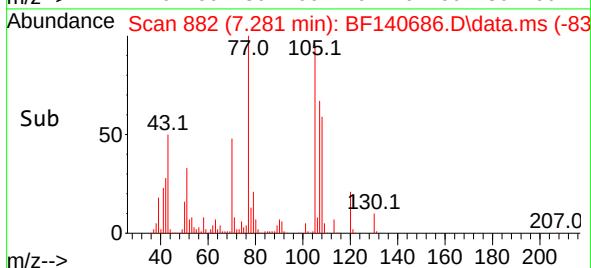
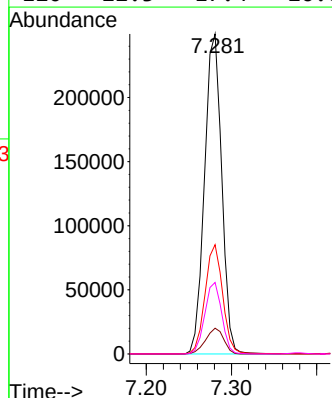
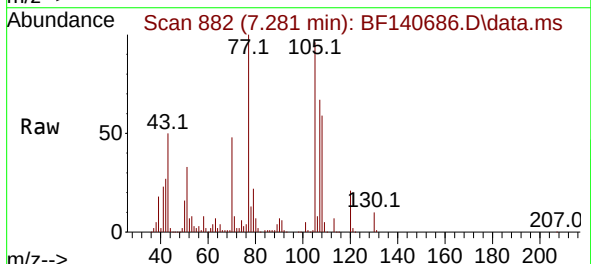
Instrument :
BNA_F
ClientSampleId :
PB165294BS

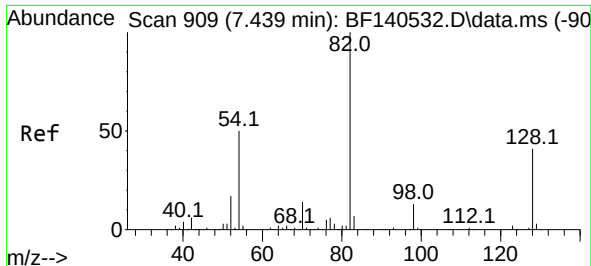
Tgt Ion:	136	Resp:	289038
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	5.8	8.8
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 49.693 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:	105	Resp:	350168
Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.2	9.2
51	34.2	29.0	43.6
120	22.3	17.4	26.0

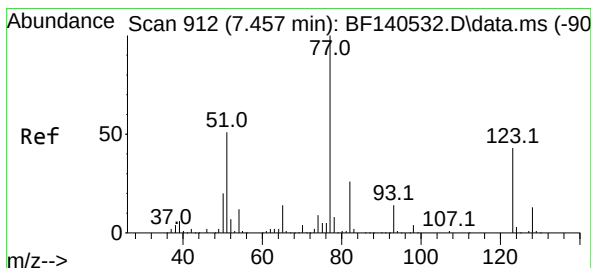
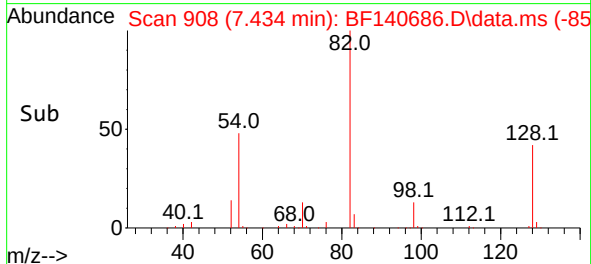
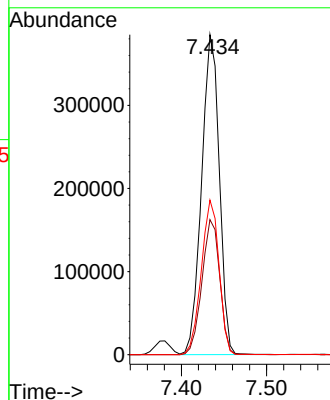
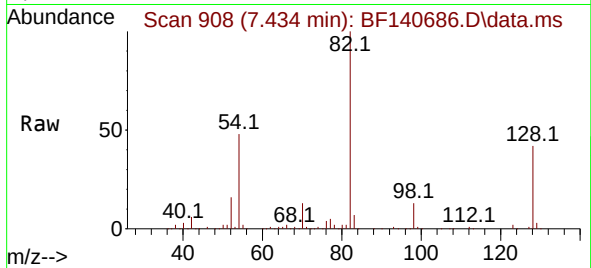




#23
Nitrobenzene-d5
Concen: 98.365 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

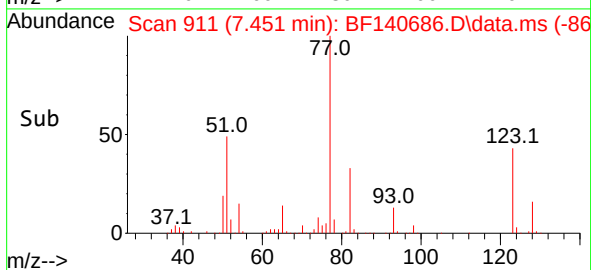
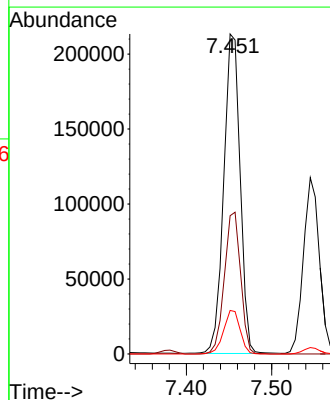
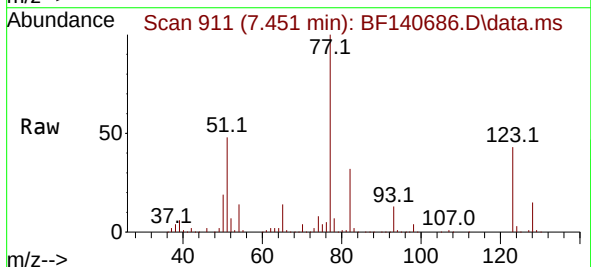
Instrument :
BNA_F
ClientSampleId :
PB165294BS

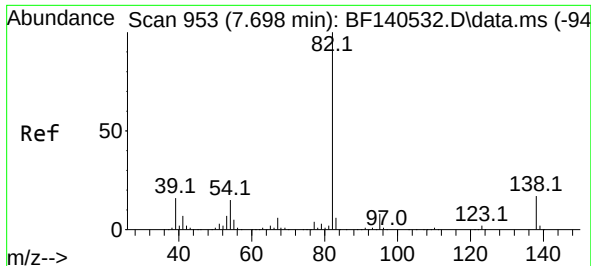
Tgt Ion: 82 Resp: 555836
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.3 39.5 59.3



#24
Nitrobenzene
Concen: 48.867 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 77 Resp: 285397
Ion Ratio Lower Upper
77 100
123 43.2 34.3 51.5
65 13.6 11.2 16.8

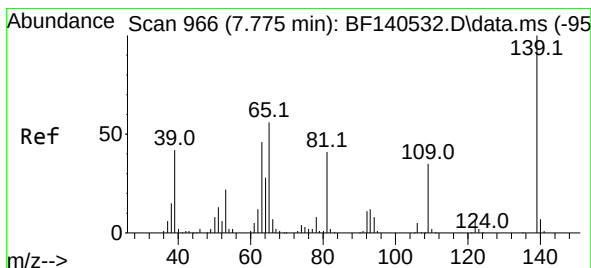
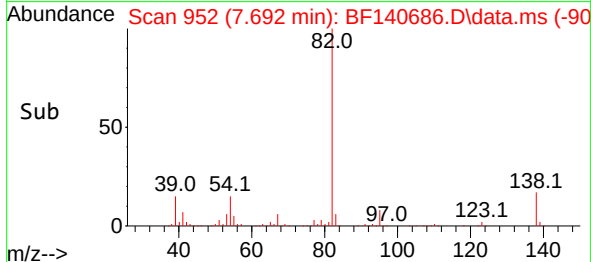
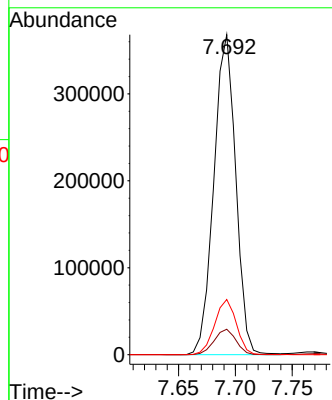
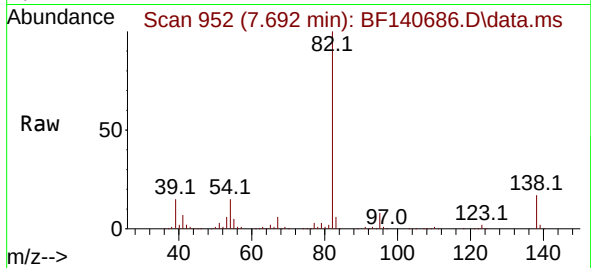




#25
Isophorone
Concen: 52.384 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

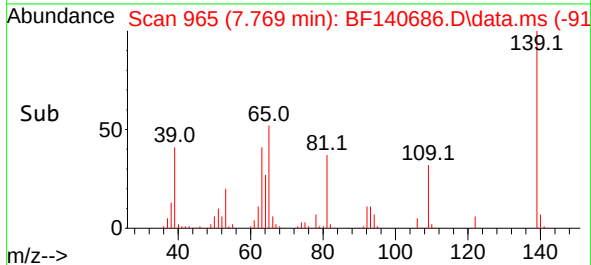
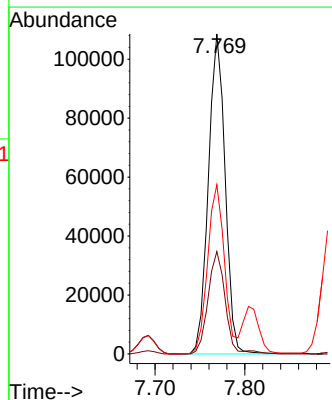
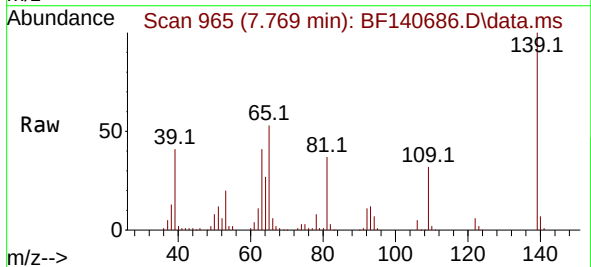
Instrument :
BNA_F
ClientSampleId :
PB165294BS

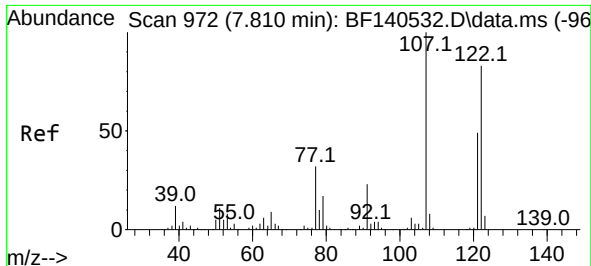
Tgt Ion: 82 Resp: 493720
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 54.323 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:139 Resp: 140594
Ion Ratio Lower Upper
139 100
109 32.0 28.0 42.0
65 52.9 44.6 67.0

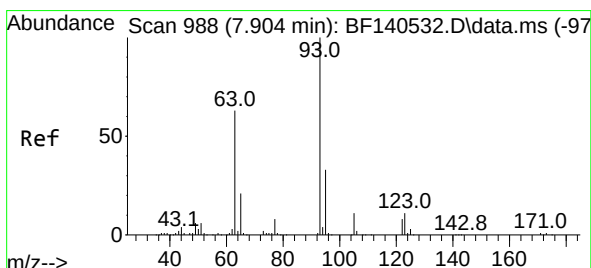
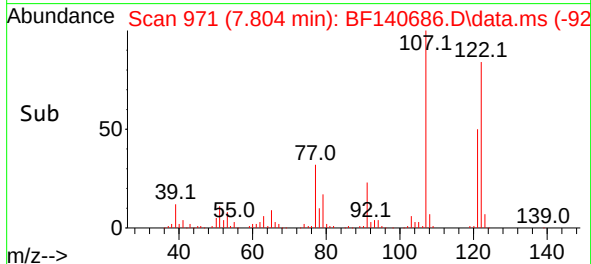
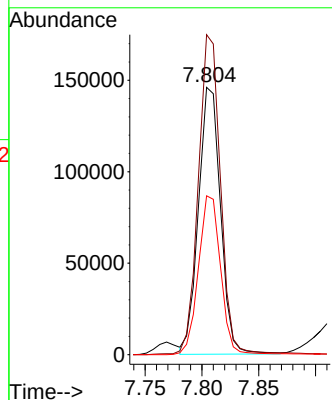
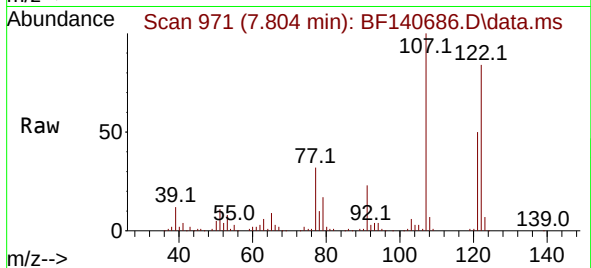




#27
2,4-Dimethylphenol
Concen: 63.763 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

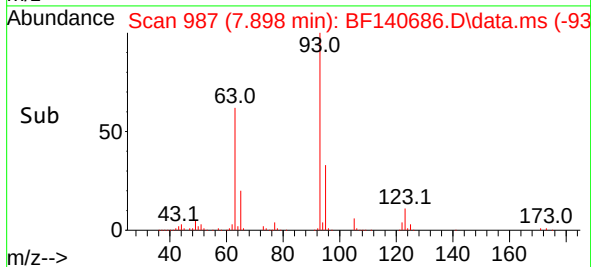
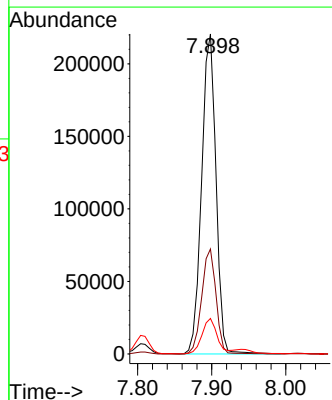
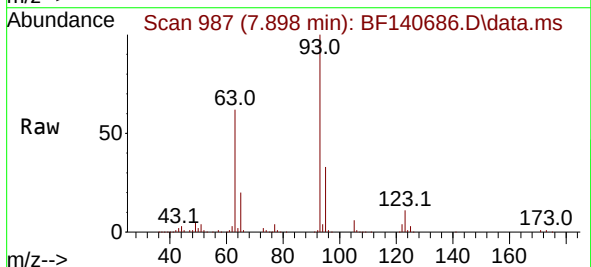
Instrument :
BNA_F
ClientSampleId :
PB165294BS

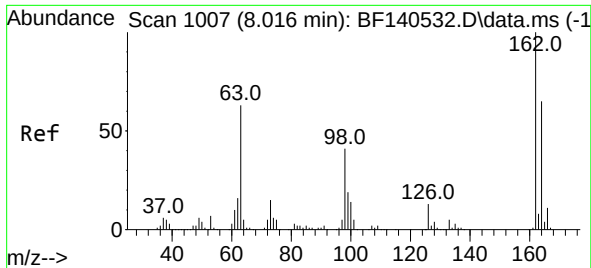
Tgt Ion:122 Resp: 197451
Ion Ratio Lower Upper
122 100
107 119.7 96.8 145.2
121 59.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.735 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 93 Resp: 297049
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.631 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

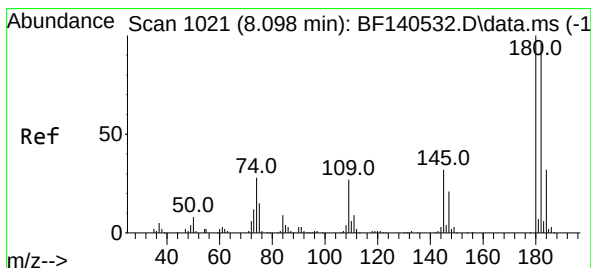
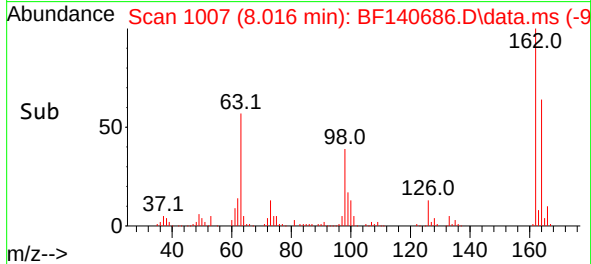
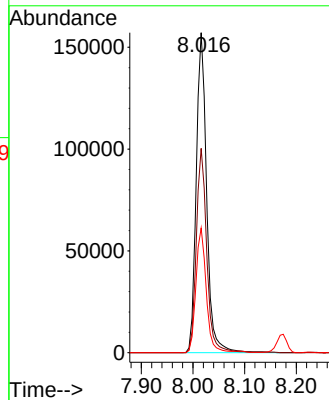
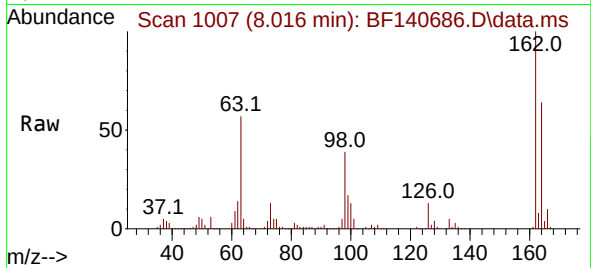
Tgt Ion:162 Resp: 220064

Ion Ratio Lower Upper

162 100

164 63.9 44.8 84.8

98 39.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 49.160 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

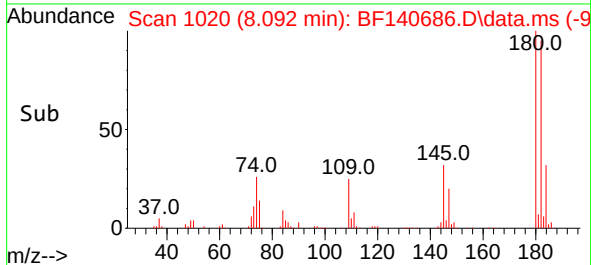
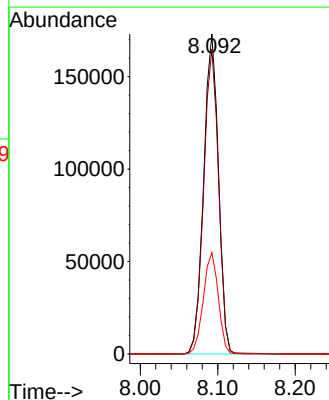
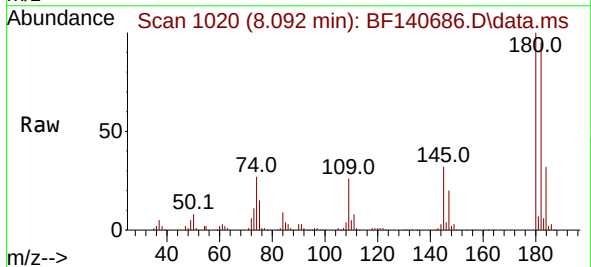
Tgt Ion:180 Resp: 230314

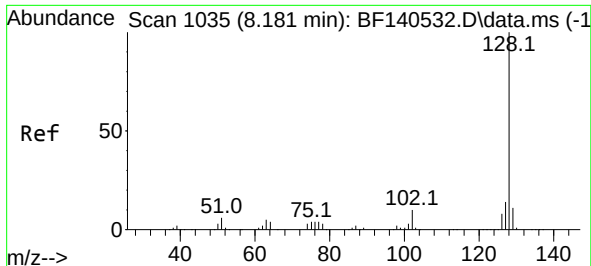
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

145 31.6 25.9 38.9

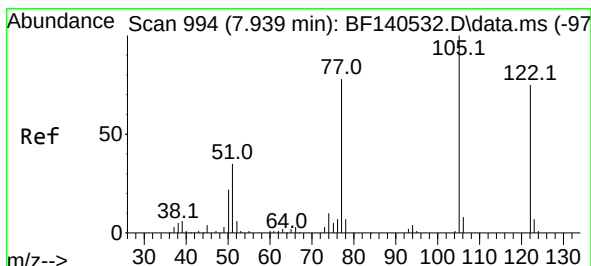
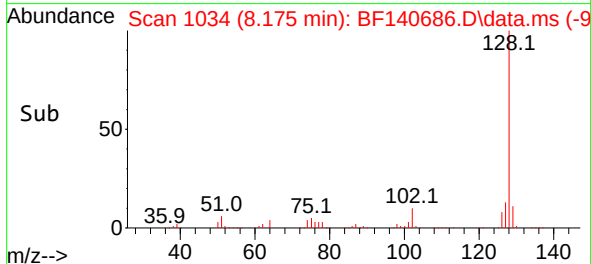
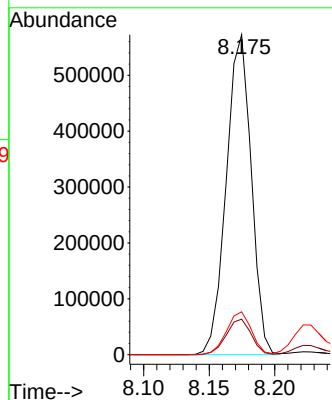
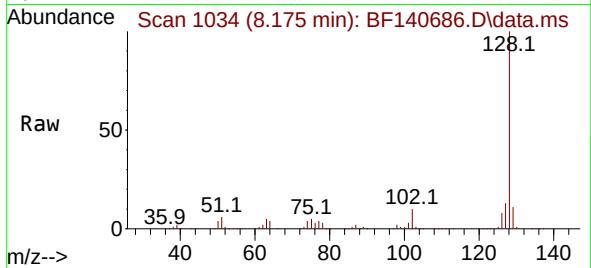




#31
Naphthalene
Concen: 50.954 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

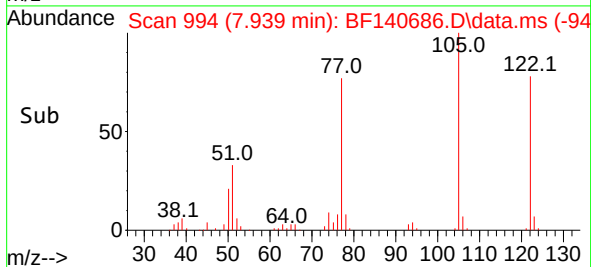
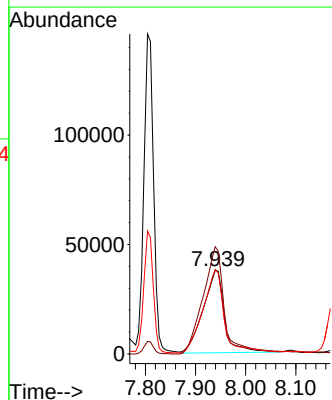
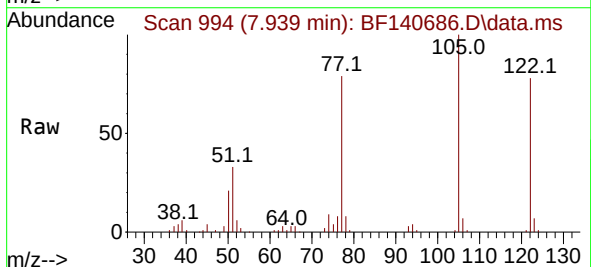
Instrument :
BNA_F
ClientSampleId :
PB165294BS

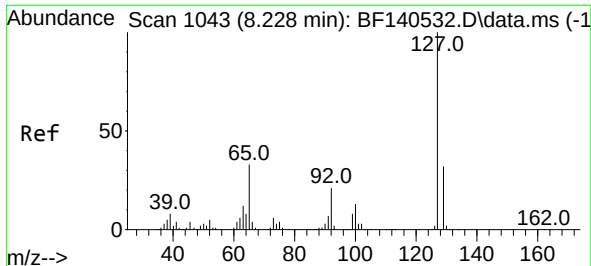
Tgt Ion:128 Resp: 758605
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 42.226 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:122 Resp: 111046
Ion Ratio Lower Upper
122 100
105 128.3 109.3 149.3
77 101.2 82.3 122.3

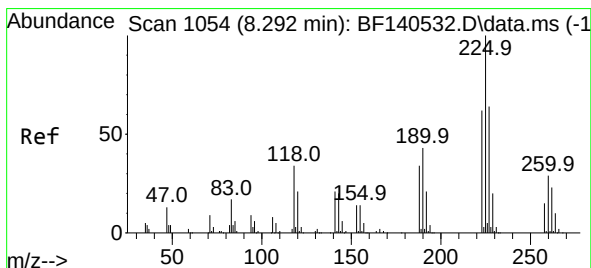
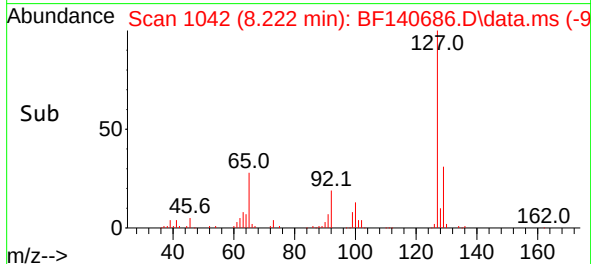
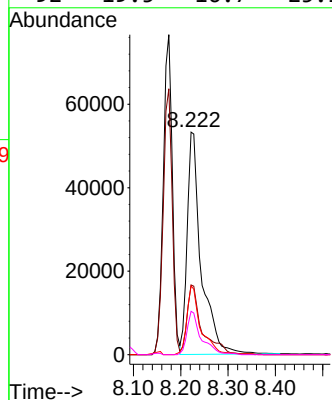
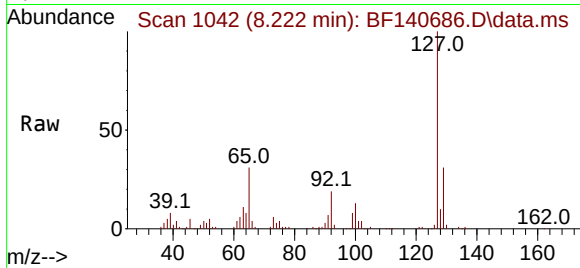




#33
4-Chloroaniline
Concen: 24.661 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

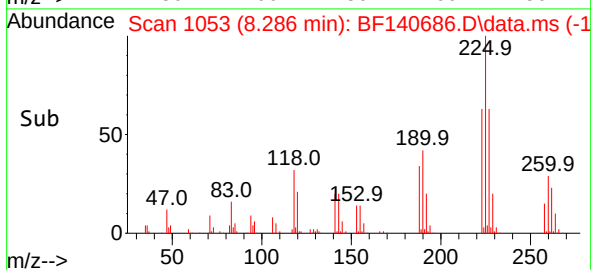
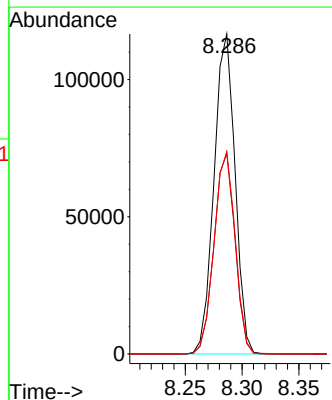
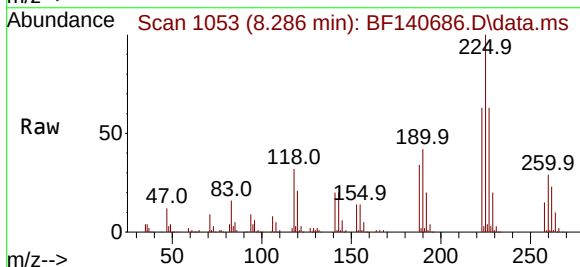
Instrument :
BNA_F
ClientSampleId :
PB165294BS

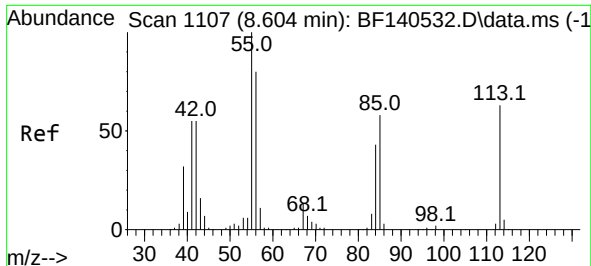
Tgt Ion:127	Resp: 109929
Ion Ratio	Lower Upper
127 100	
129 31.4	26.0 39.0
65 30.9	26.0 39.0
92 19.5	16.7 25.1



#34
Hexachlorobutadiene
Concen: 48.354 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:225	Resp: 150049		
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.8	74.8
227	63.3	51.3	76.9

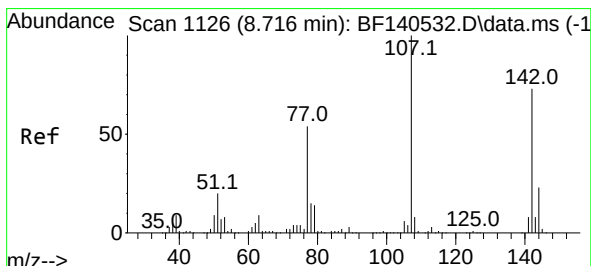
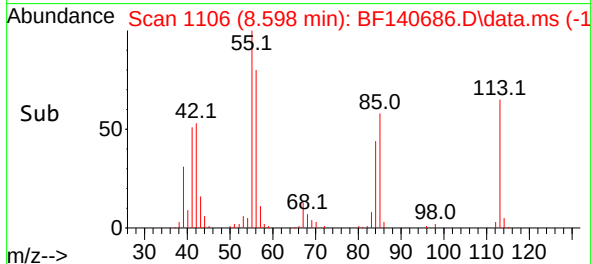
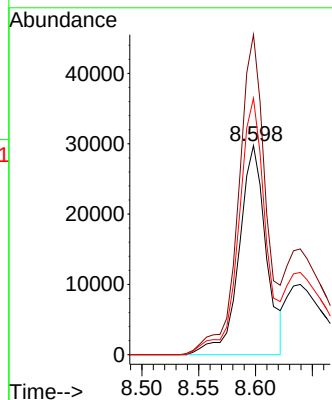
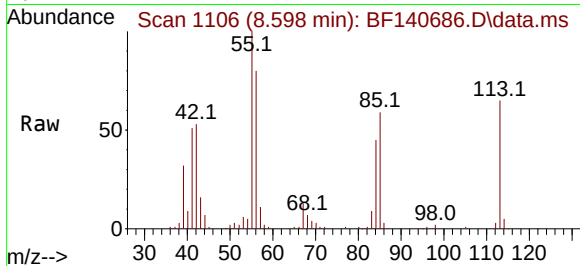




#35
 Caprolactam
 Concen: 38.652 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

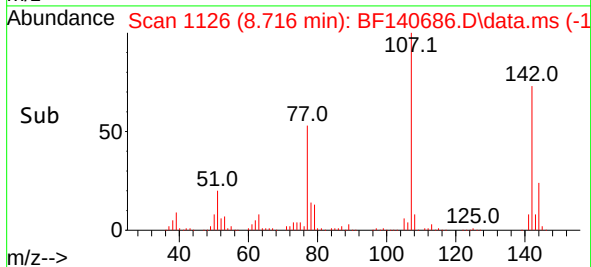
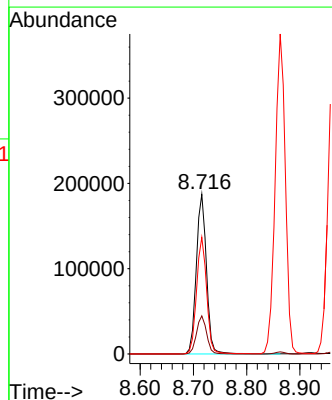
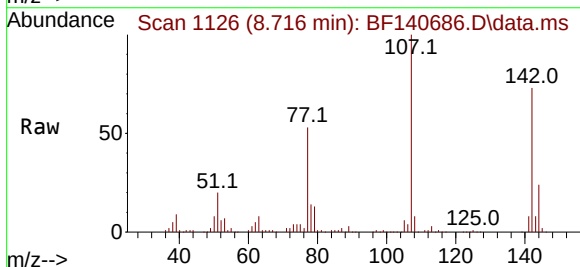
Instrument :
 BNA_F
 ClientSampleId :
 PB165294BS

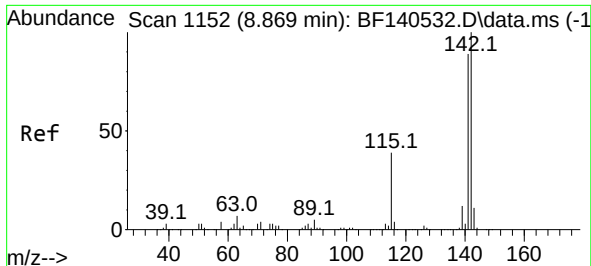
Tgt Ion:113 Resp: 49082
 Ion Ratio Lower Upper
 113 100
 55 153.0 137.7 177.7
 56 122.6 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 54.015 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140686.D
 Acq: 02 Dec 2024 12:41

Tgt Ion:107 Resp: 248152
 Ion Ratio Lower Upper
 107 100
 144 23.9 18.7 28.1
 142 73.0 58.3 87.5





#37

2-Methylnaphthalene

Concen: 52.978 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

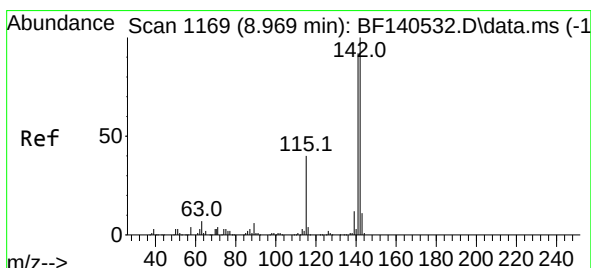
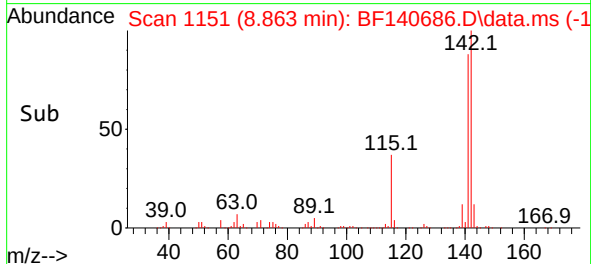
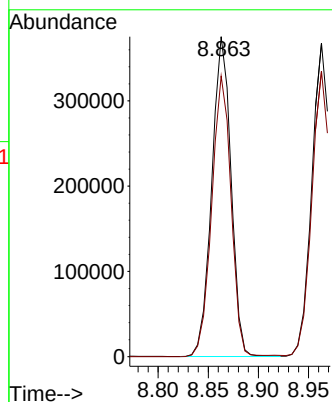
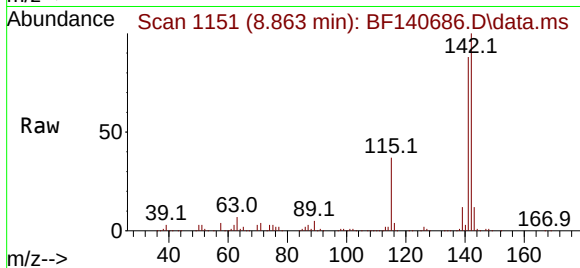
PB165294BS

Tgt Ion:142 Resp: 500971

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.763 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140686.D

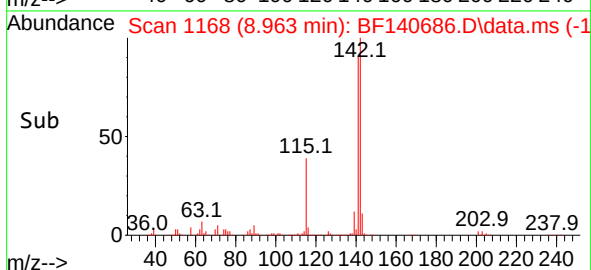
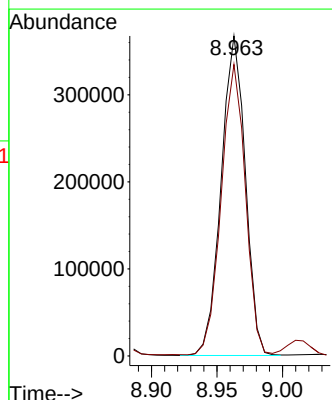
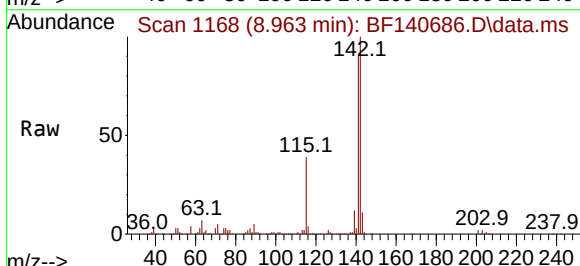
Acq: 02 Dec 2024 12:41

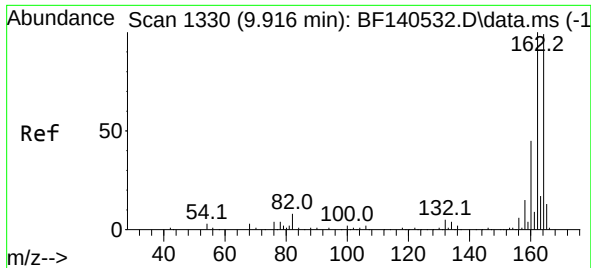
Tgt Ion:142 Resp: 470526

Ion Ratio Lower Upper

142 100

141 91.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

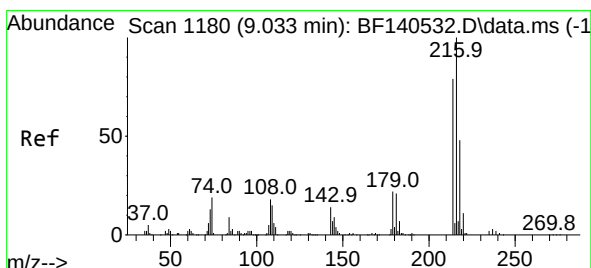
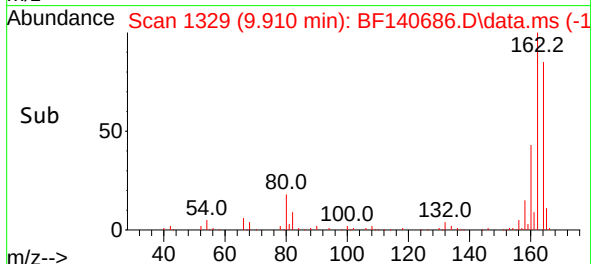
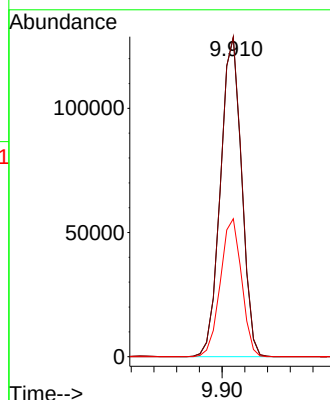
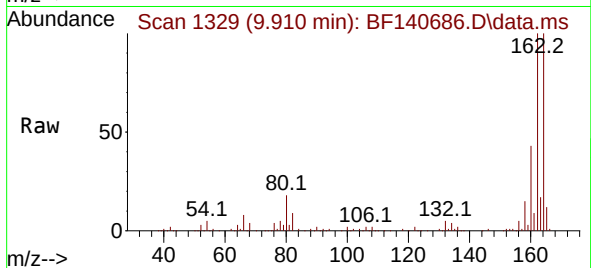
Tgt Ion:164 Resp: 165983

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 43.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.428 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:216 Resp: 240177

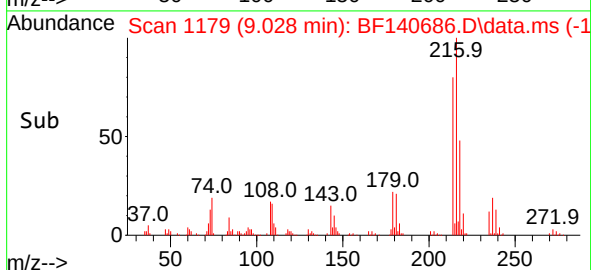
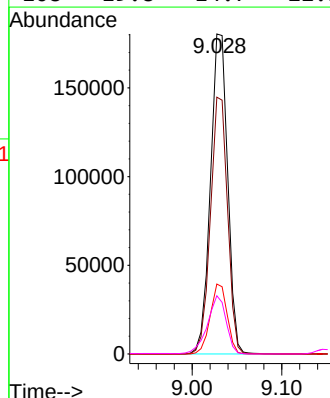
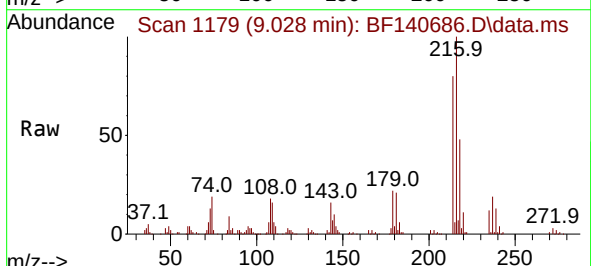
Ion Ratio Lower Upper

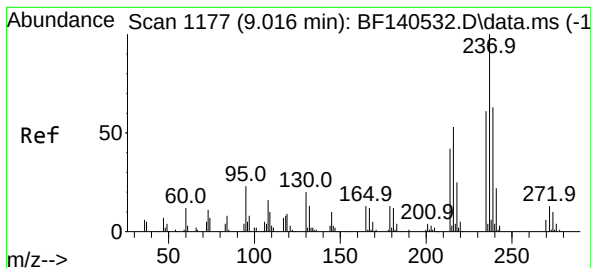
216 100

214 79.6 63.0 94.4

179 21.5 17.5 26.3

108 19.8 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 168.656 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

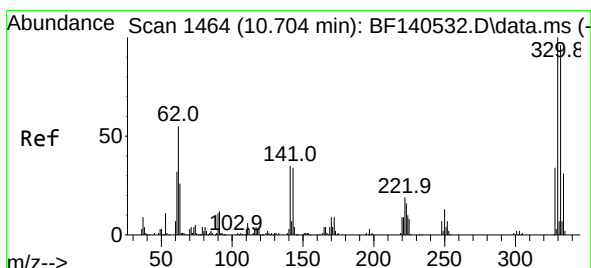
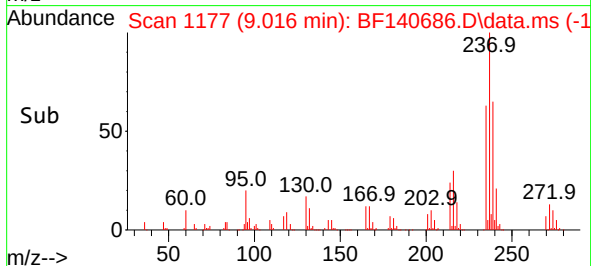
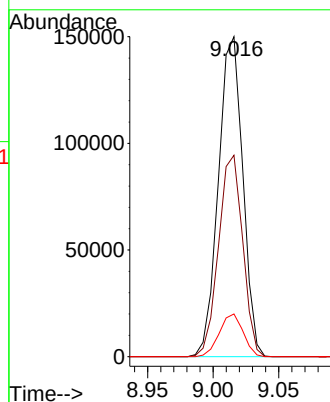
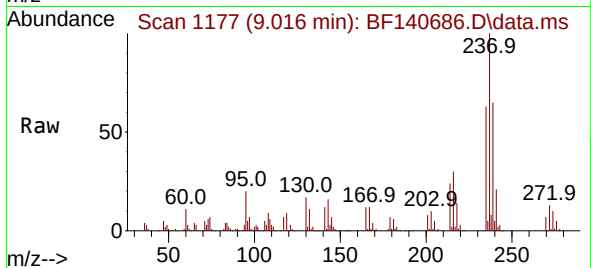
Tgt Ion:237 Resp: 193923

Ion Ratio Lower Upper

237 100

235 62.9 41.1 81.1

272 13.3 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 148.932 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

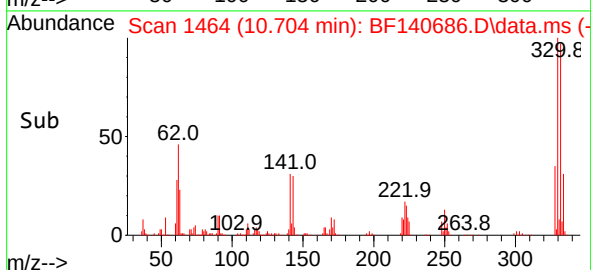
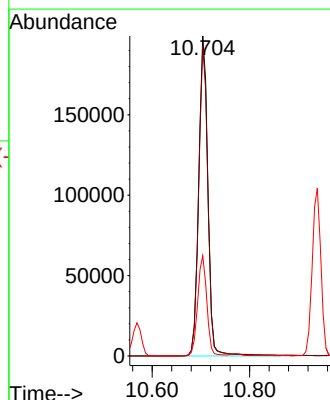
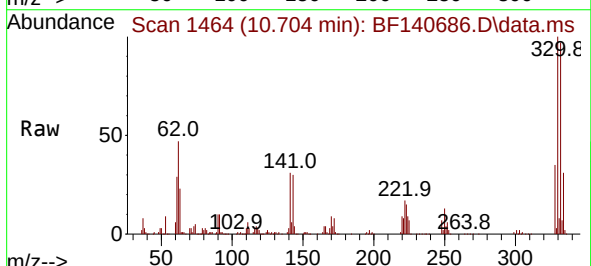
Tgt Ion:330 Resp: 264384

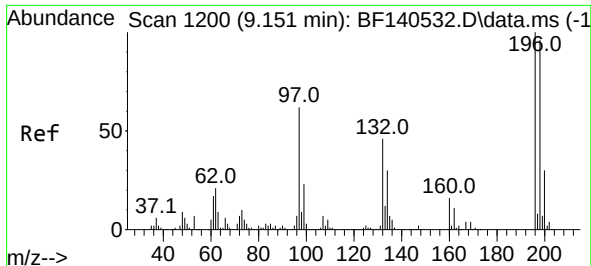
Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

141 31.0 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.407 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

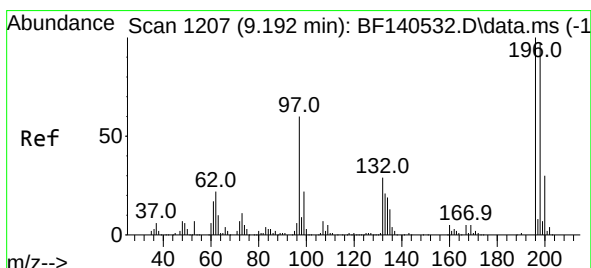
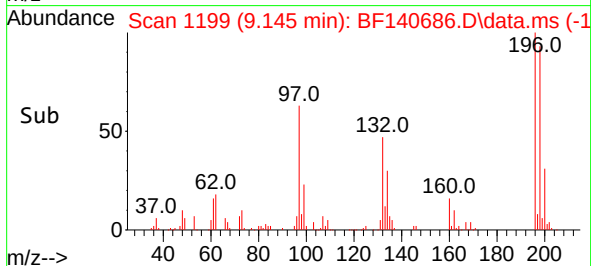
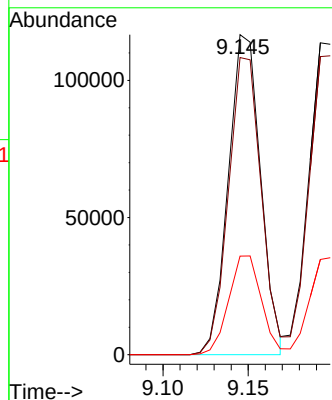
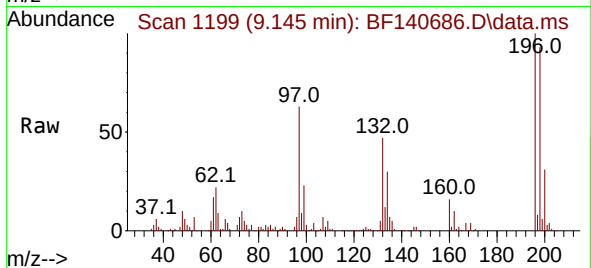
Tgt Ion:196 Resp: 153693

Ion Ratio Lower Upper

196 100

198 92.9 76.8 115.2

200 30.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 50.124 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Tgt Ion:196 Resp: 165866

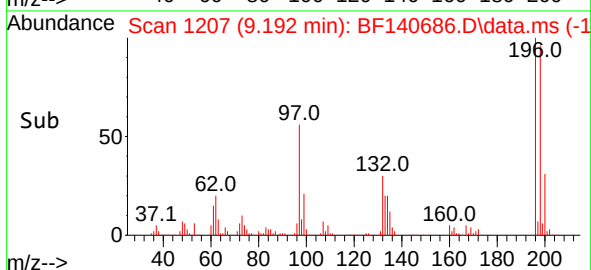
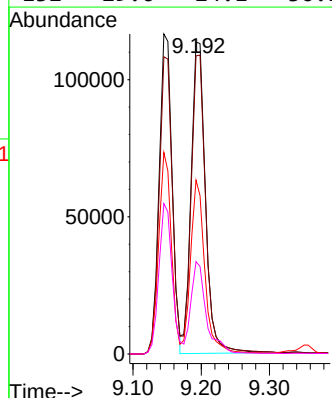
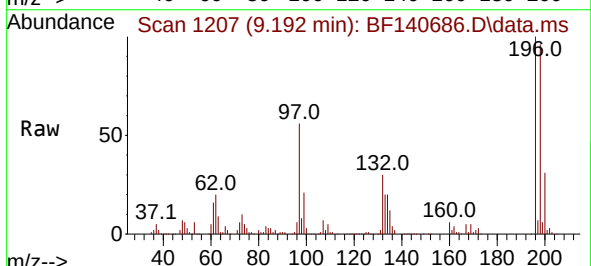
Ion Ratio Lower Upper

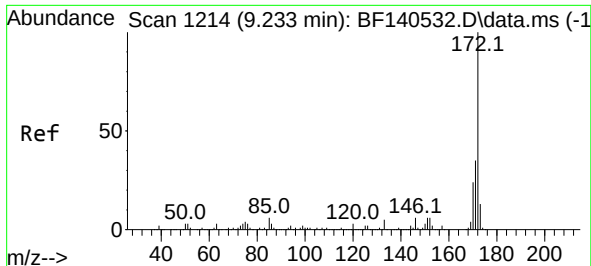
196 100

198 95.6 77.2 115.8

97 55.7 47.1 70.7

132 29.6 24.1 36.1

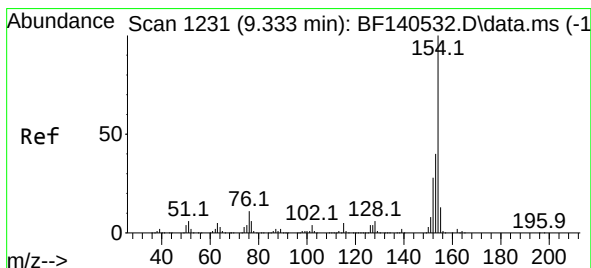
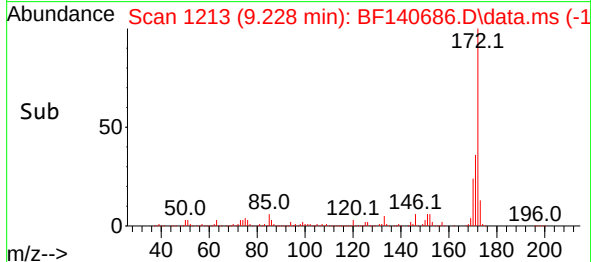
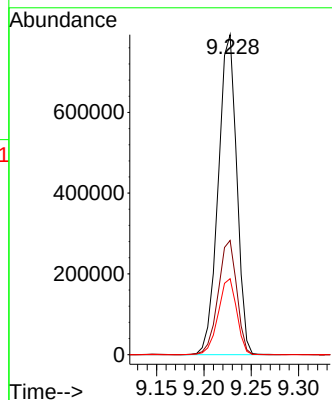
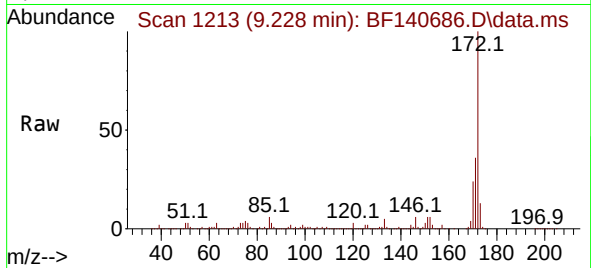




#45
2-Fluorobiphenyl
Concen: 96.631 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

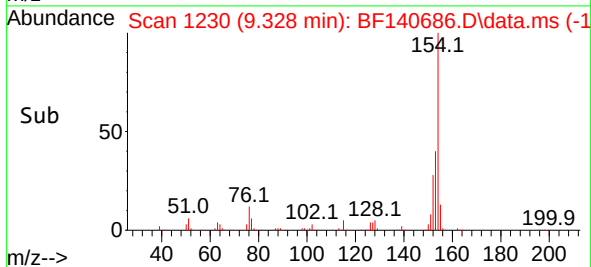
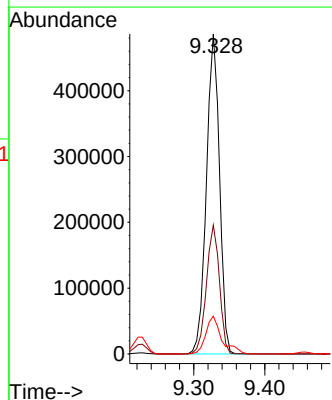
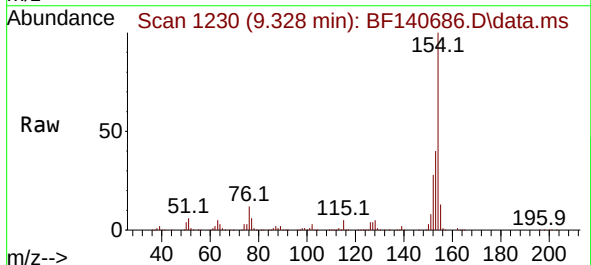
Instrument :
BNA_F
ClientSampleId :
PB165294BS

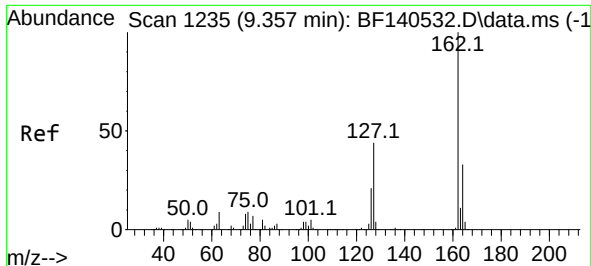
Tgt Ion:172 Resp: 1076487
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.310 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:154 Resp: 623466
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.8 0.0 31.2

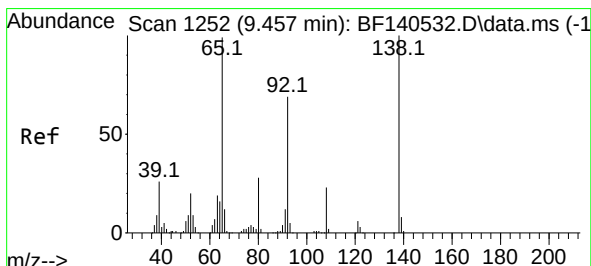
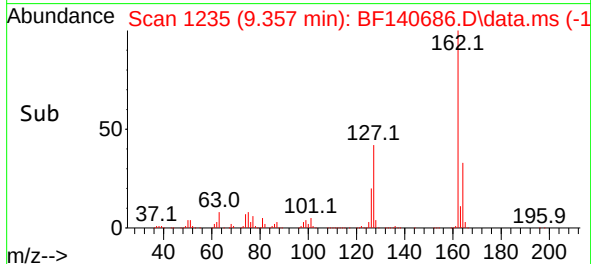
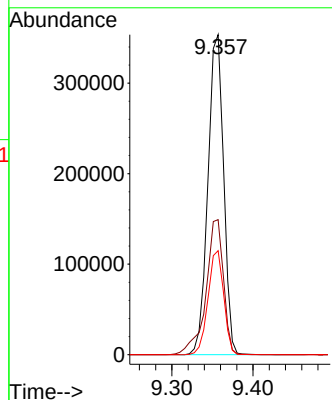
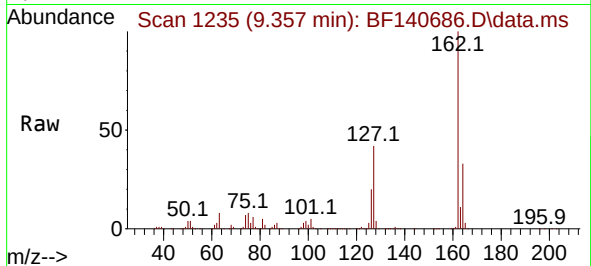




#47
2-Chloronaphthalene
Concen: 50.576 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

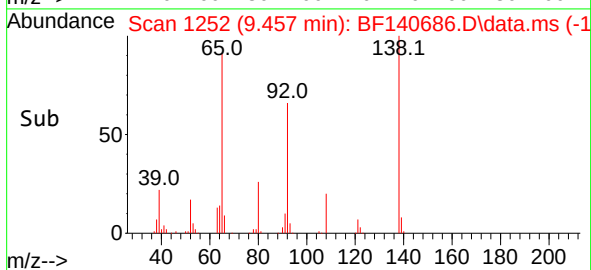
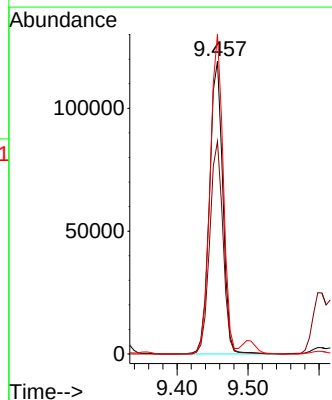
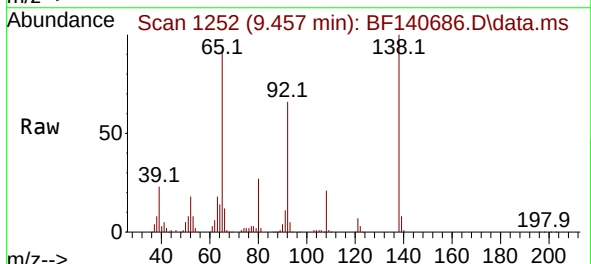
Instrument :
BNA_F
ClientSampleId :
PB165294BS

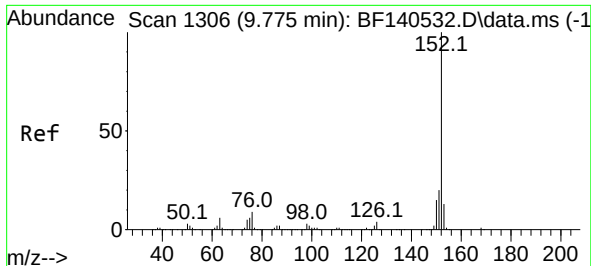
Tgt Ion:162 Resp: 474911
Ion Ratio Lower Upper
162 100
127 42.2 35.7 53.5
164 32.5 26.1 39.1



#48
2-Nitroaniline
Concen: 51.821 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion: 65 Resp: 156189
Ion Ratio Lower Upper
65 100
92 72.6 56.1 84.1
138 109.2 81.0 121.6





#49

Acenaphthylene

Concen: 55.132 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

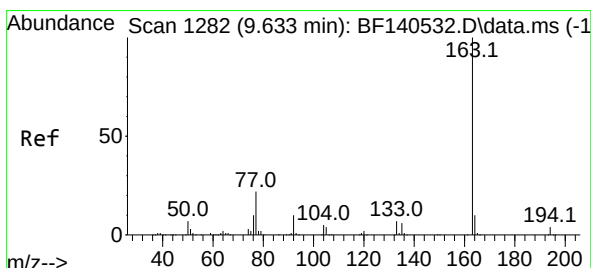
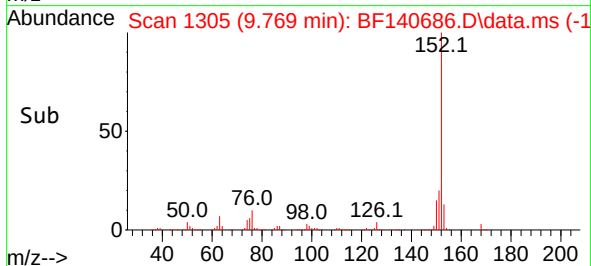
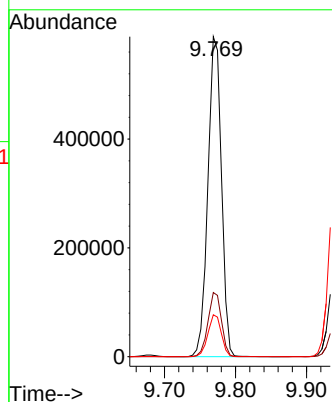
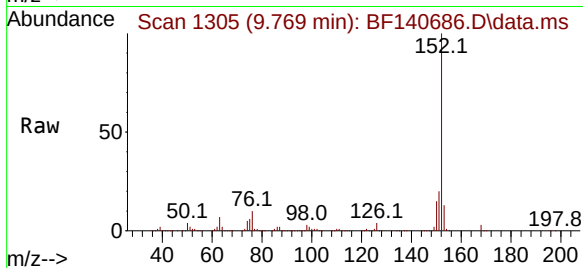
Tgt Ion:152 Resp: 782193

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 52.175 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

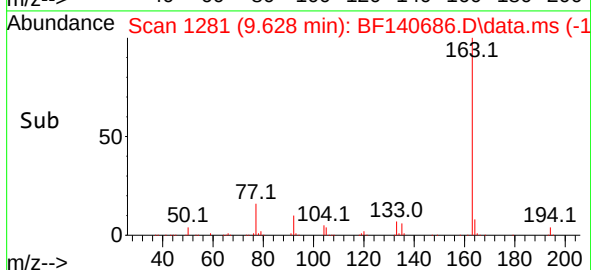
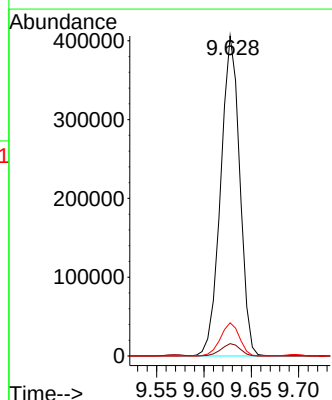
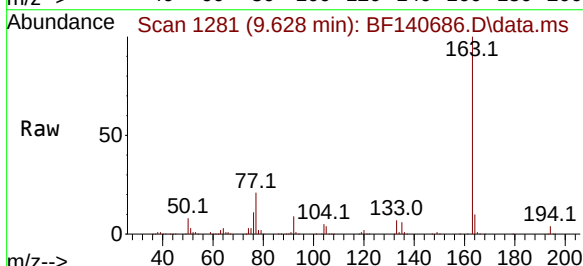
Tgt Ion:163 Resp: 570348

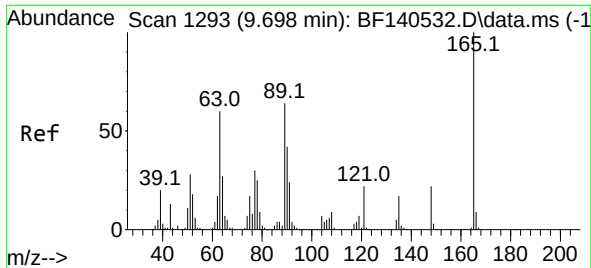
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.2

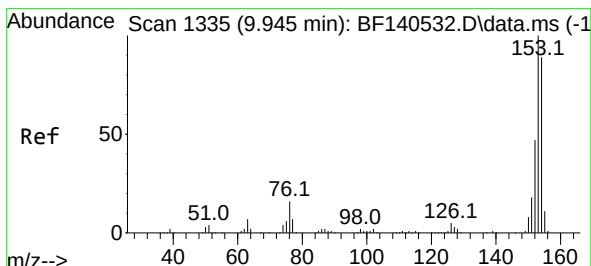
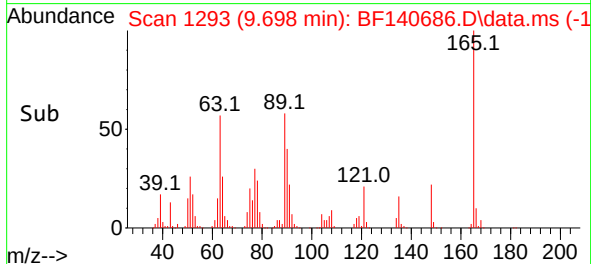
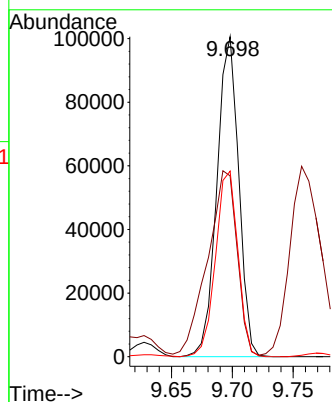
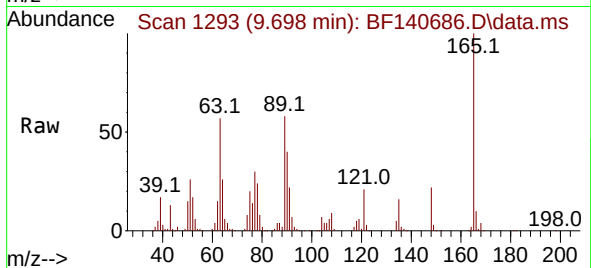




#51
2,6-Dinitrotoluene
Concen: 50.537 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

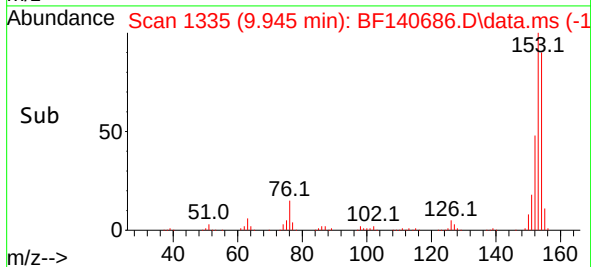
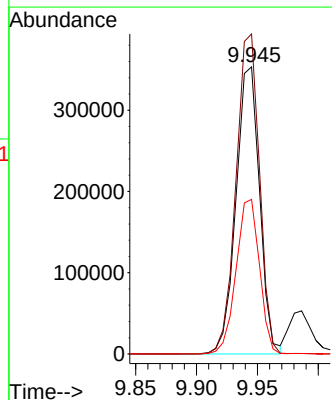
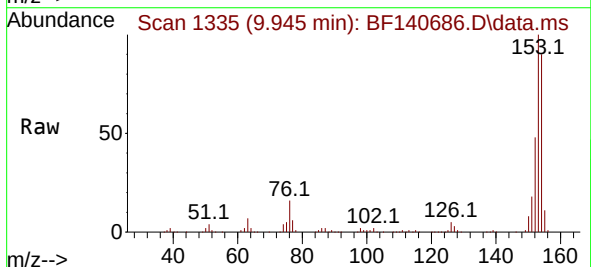
Instrument :
BNA_F
ClientSampleId :
PB165294BS

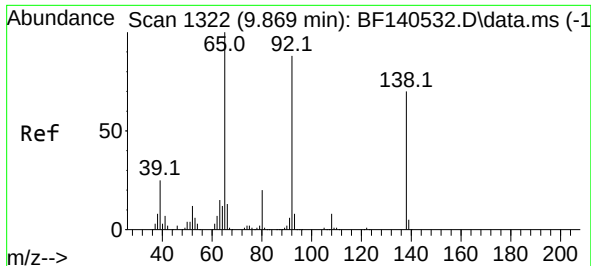
Tgt Ion:165 Resp: 125293
Ion Ratio Lower Upper
165 100
63 56.5 49.9 74.9
89 58.0 50.9 76.3



#52
Acenaphthene
Concen: 52.790 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:154 Resp: 475885
Ion Ratio Lower Upper
154 100
153 111.5 89.7 134.5
152 53.8 42.5 63.7

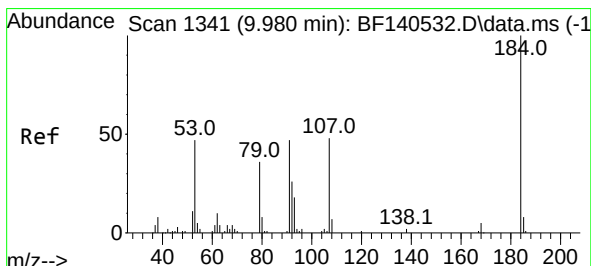
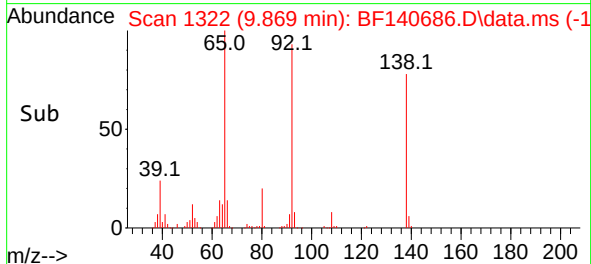
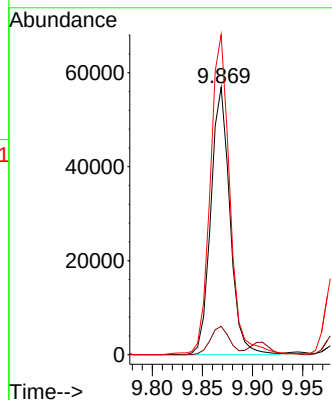
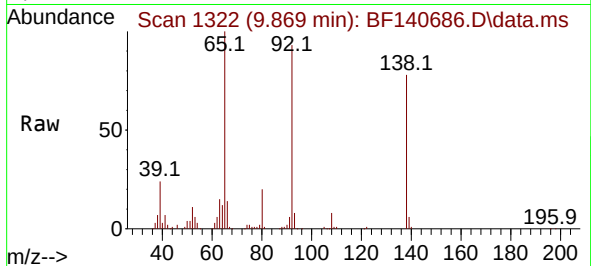




#53
3-Nitroaniline
Concen: 31.164 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

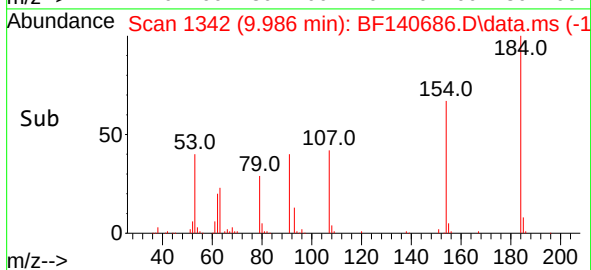
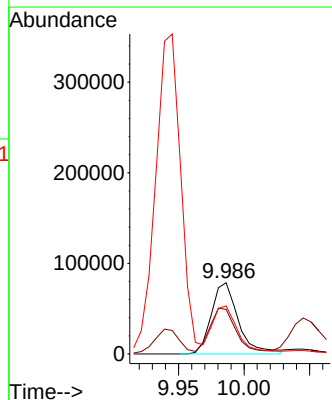
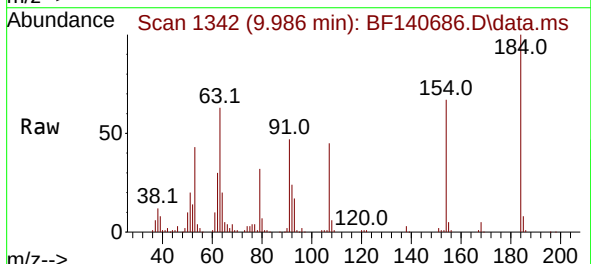
Instrument :
BNA_F
ClientSampleId :
PB165294BS

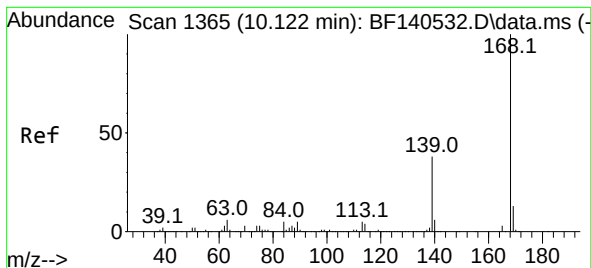
Tgt Ion:138 Resp: 75567
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 119.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 86.961 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:184 Resp: 112627
Ion Ratio Lower Upper
184 100
63 62.7 54.1 81.1
154 67.4 57.4 86.0





#55

Dibenzenofuran

Concen: 52.142 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

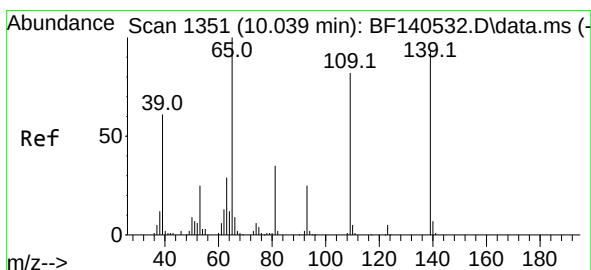
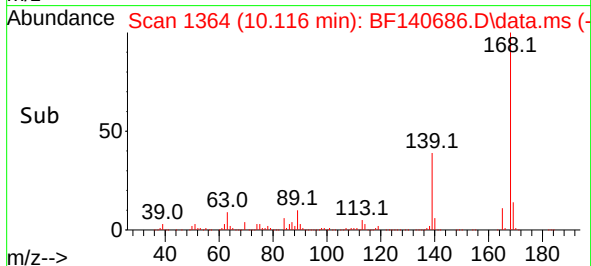
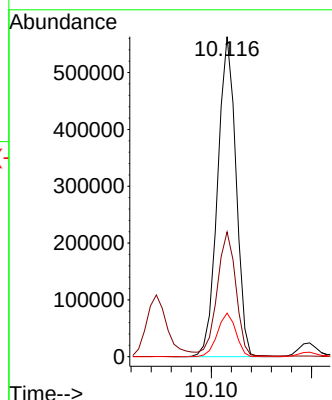
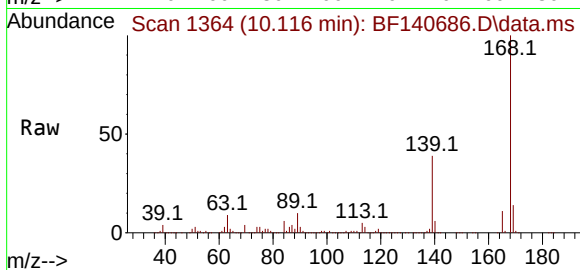
Tgt Ion:168 Resp: 716969

Ion Ratio Lower Upper

168 100

139 39.0 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 96.420 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

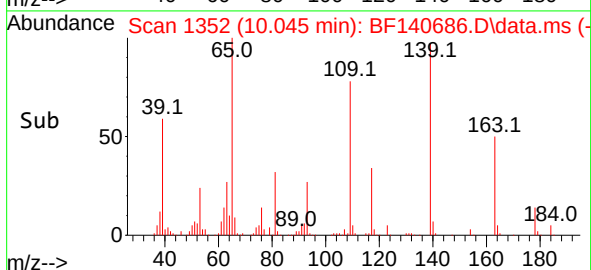
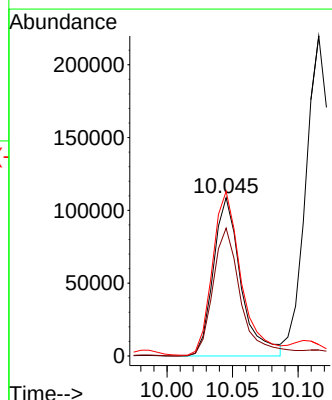
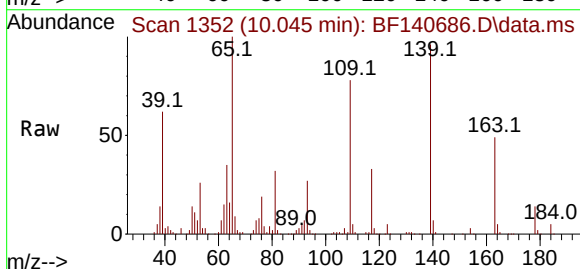
Tgt Ion:139 Resp: 159450

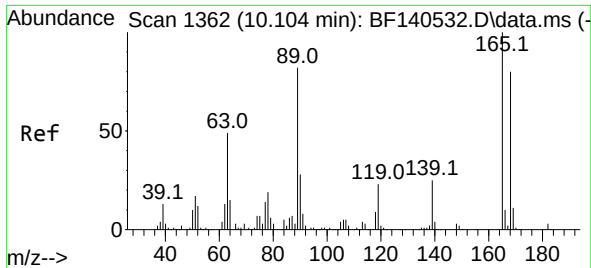
Ion Ratio Lower Upper

139 100

109 80.8 68.4 108.4

65 104.1 88.6 128.6

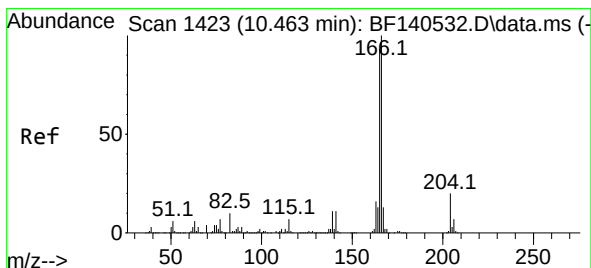
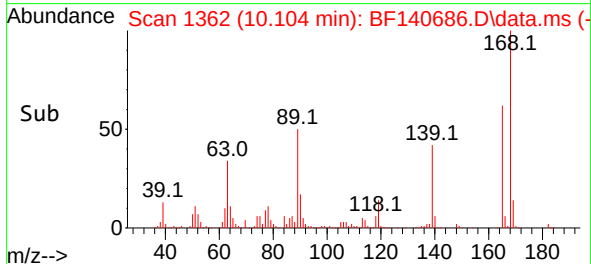
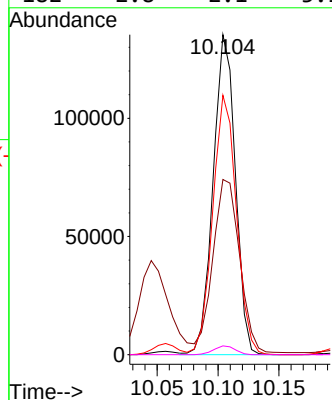
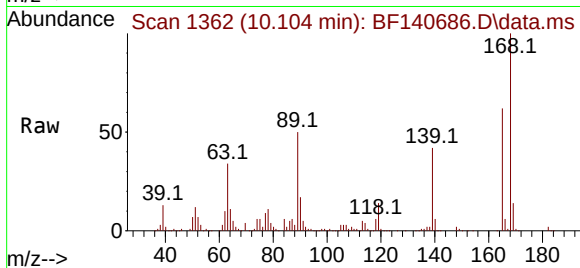




#57
2,4-Dinitrotoluene
Concen: 52.182 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

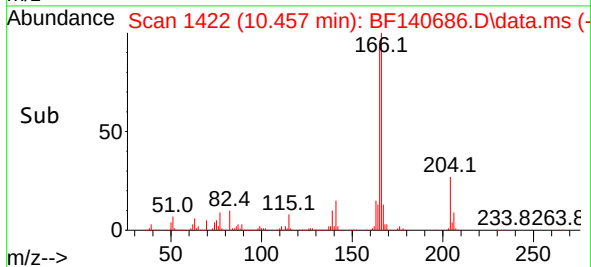
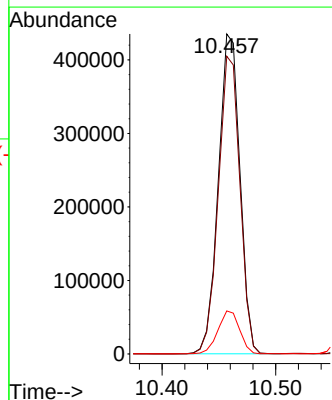
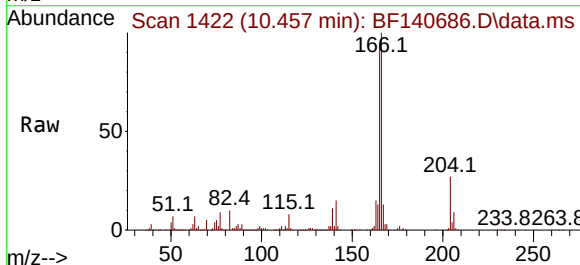
Instrument :
BNA_F
ClientSampleId :
PB165294BS

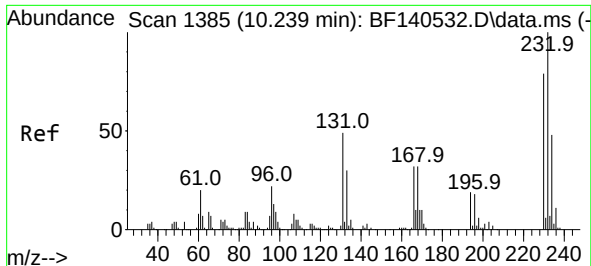
Tgt Ion:165 Resp: 171936
Ion Ratio Lower Upper
165 100
63 54.8 41.7 62.5
89 81.1 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 51.967 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:166 Resp: 573566
Ion Ratio Lower Upper
166 100
165 93.0 74.6 111.8
167 13.4 10.6 16.0

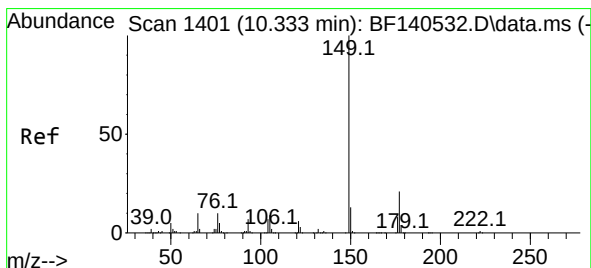
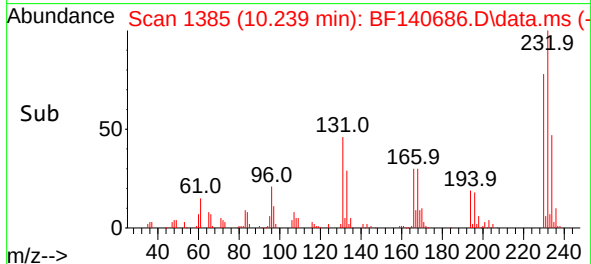
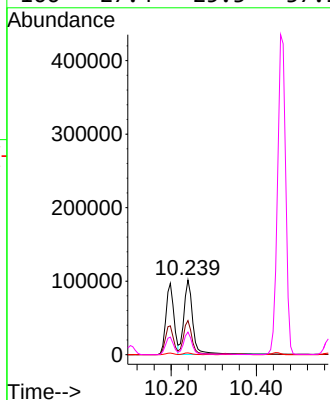
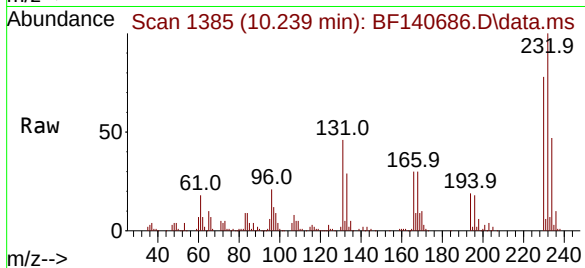




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.897 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

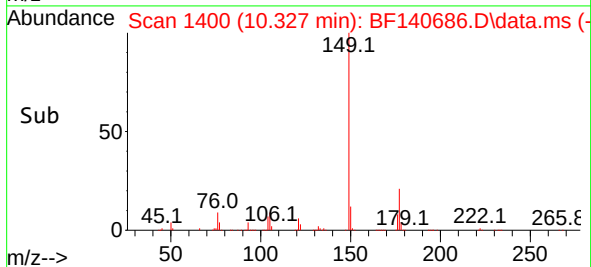
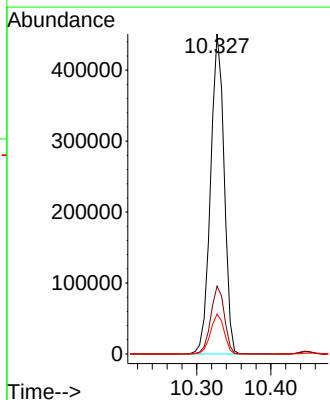
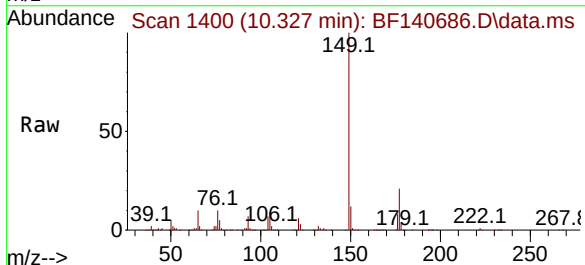
Instrument :
BNA_F
ClientSampleId :
PB165294BS

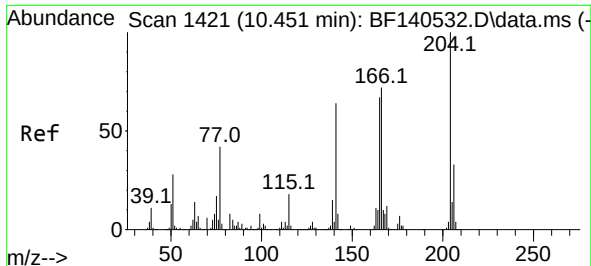
Tgt Ion:232 Resp: 147242
Ion Ratio Lower Upper
232 100
131 43.3 39.6 59.4
130 2.3 1.9 2.9
166 27.4 25.3 37.9



#60
Diethylphthalate
Concen: 51.517 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:149 Resp: 572178
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 12.5 10.1 15.1

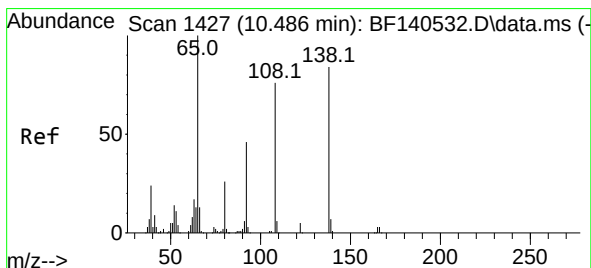
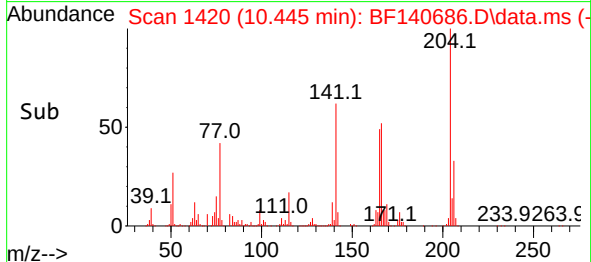
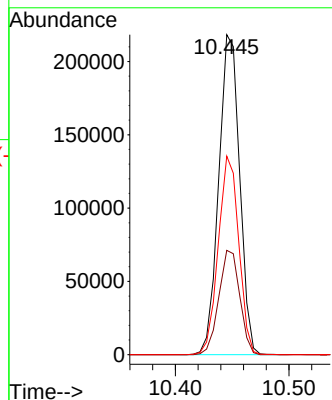
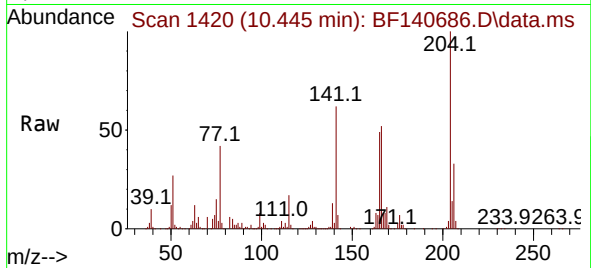




#61
4-Chlorophenyl-phenylether
Concen: 51.533 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

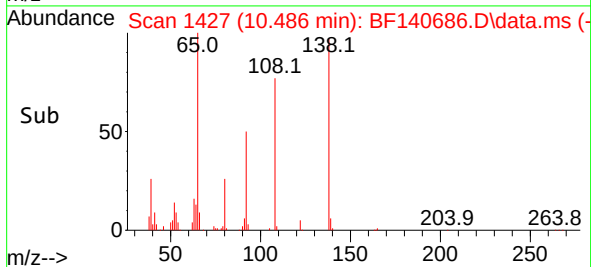
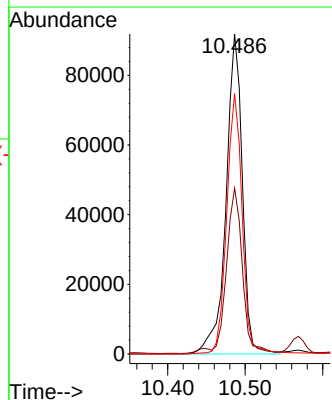
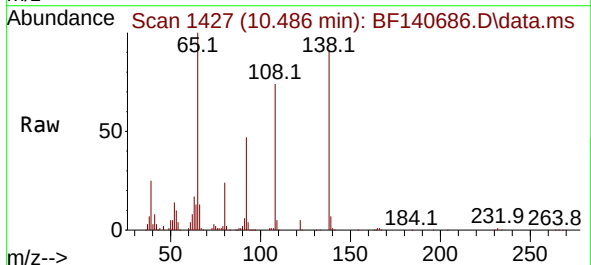
Instrument :
BNA_F
ClientSampleId :
PB165294BS

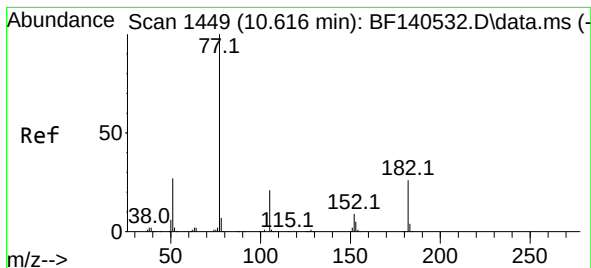
Tgt Ion:204 Resp: 279125
Ion Ratio Lower Upper
204 100
206 32.6 26.6 40.0
141 62.1 51.1 76.7



#62
4-Nitroaniline
Concen: 52.890 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:138 Resp: 134507
Ion Ratio Lower Upper
138 100
92 51.8 34.5 74.5
108 81.3 70.6 110.6





#63

Azobenzene

Concen: 52.764 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

Tgt Ion: 77 Resp: 554971

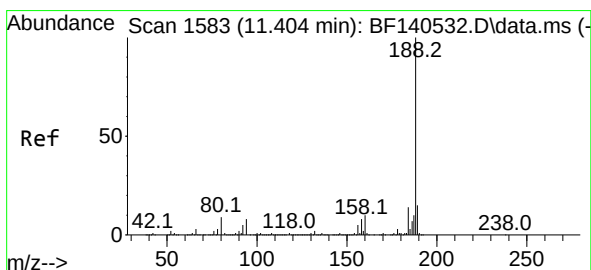
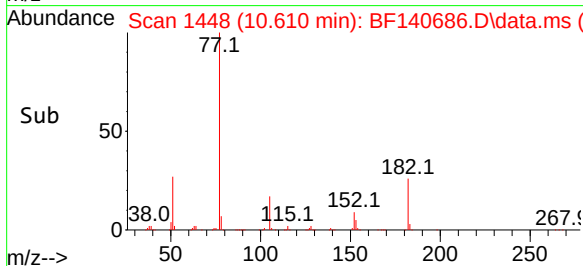
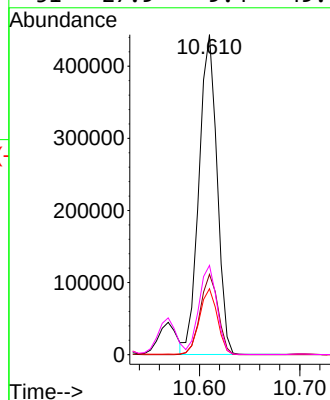
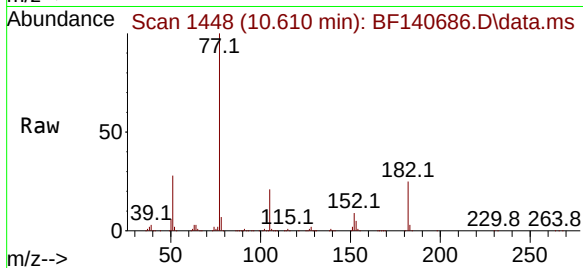
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 20.6 0.3 40.3

51 27.9 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

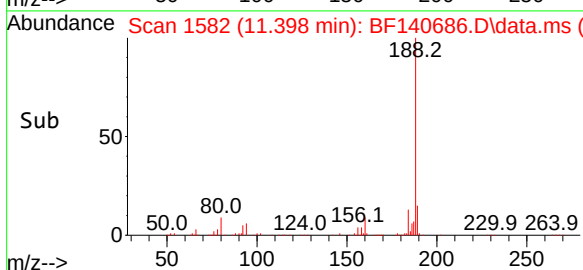
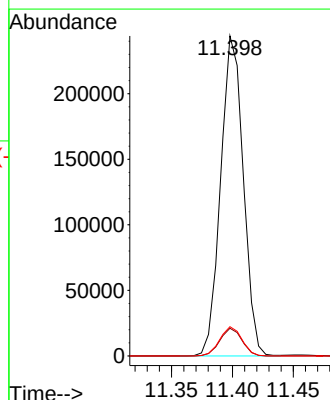
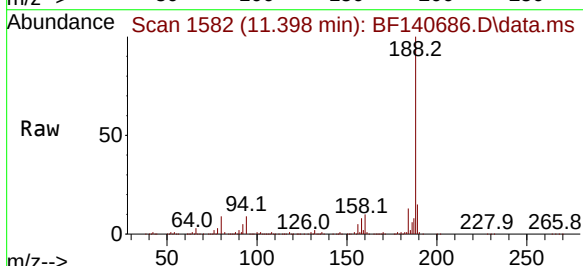
Tgt Ion: 188 Resp: 315793

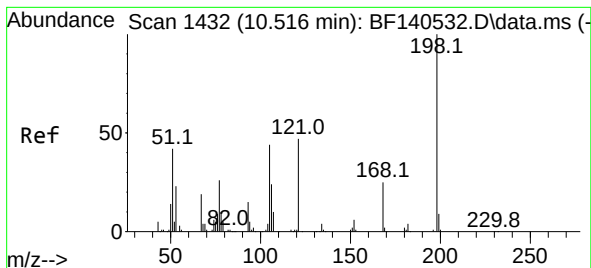
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.1 6.9 10.3

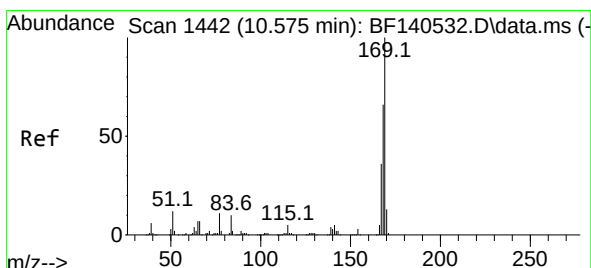
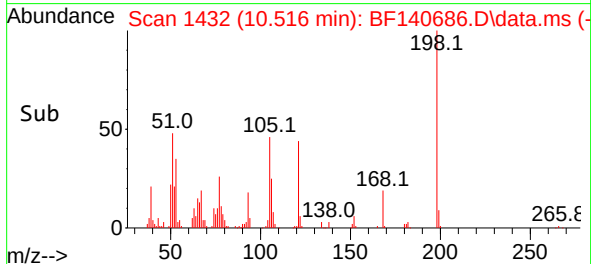
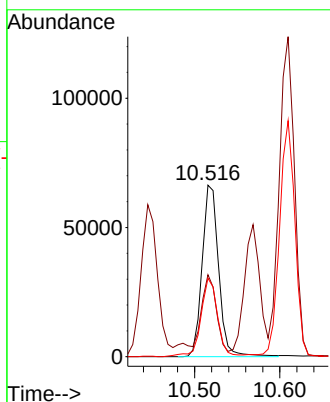
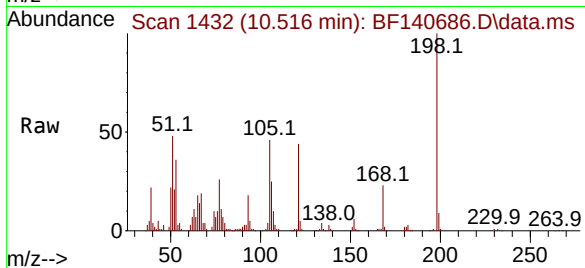




#65
4,6-Dinitro-2-methylphenol
Concen: 55.347 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

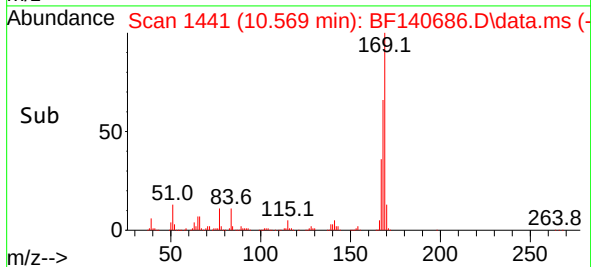
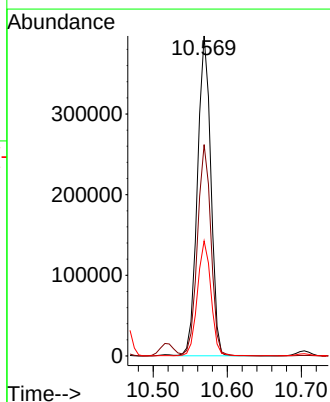
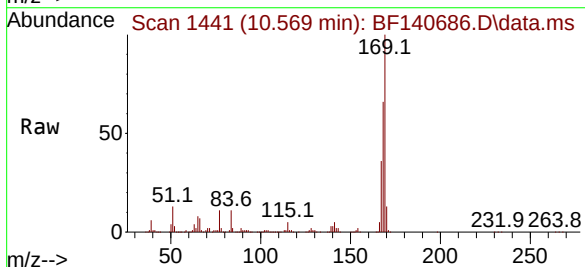
Instrument :
BNA_F
ClientSampleId :
PB165294BS

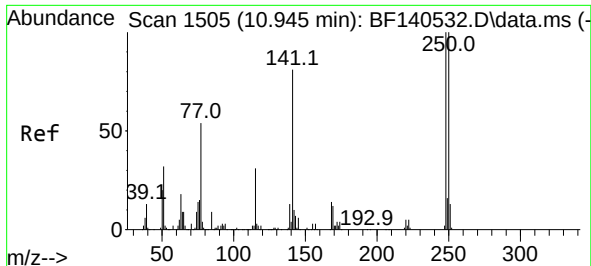
Tgt Ion:198 Resp: 89314
Ion Ratio Lower Upper
198 100
51 47.8 29.4 69.4
105 45.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 53.217 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:169 Resp: 496987
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.0 29.0 43.6

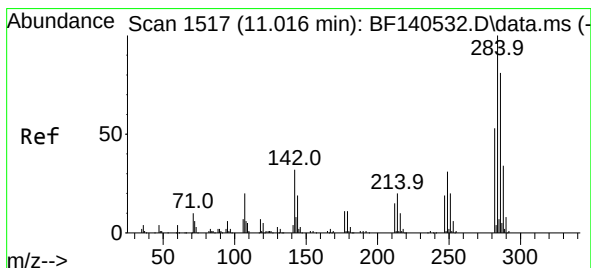
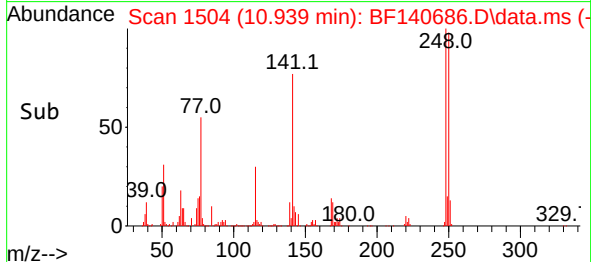
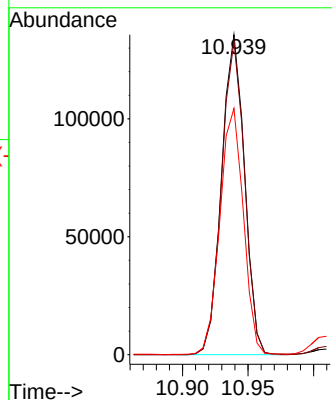
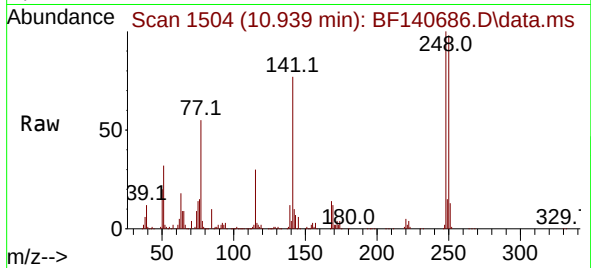




#67
4-Bromophenyl-phenylether
Concen: 50.921 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

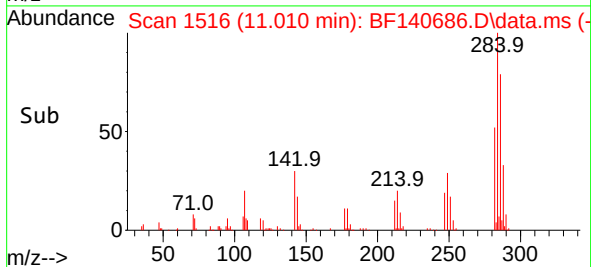
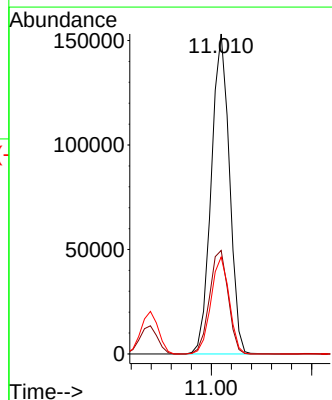
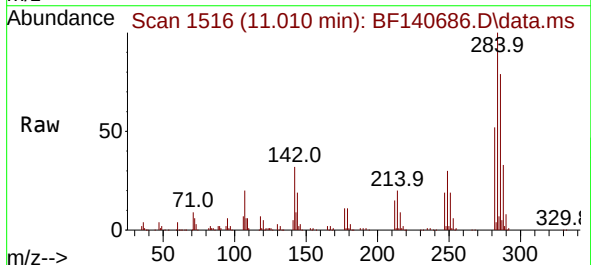
Instrument :
BNA_F
ClientSampleId :
PB165294BS

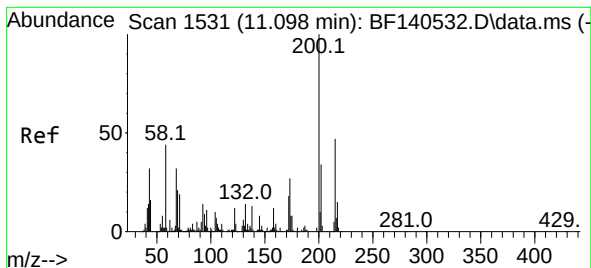
Tgt Ion:248 Resp: 165605
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 76.9 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.181 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:284 Resp: 192734
Ion Ratio Lower Upper
284 100
142 32.4 25.3 37.9
249 30.3 24.8 37.2





#69

Atrazine

Concen: 61.703 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

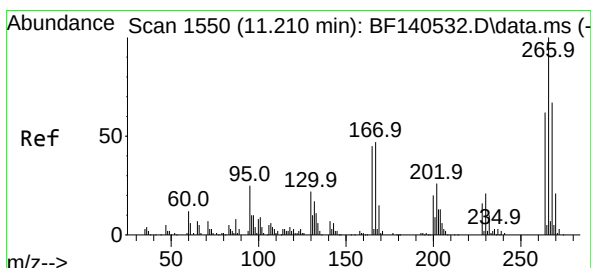
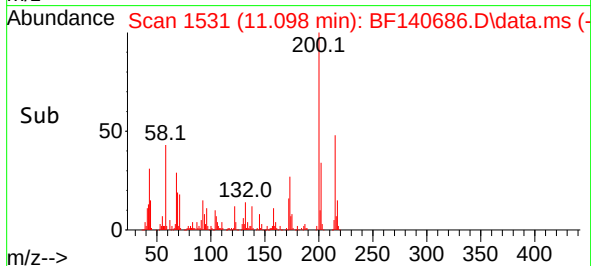
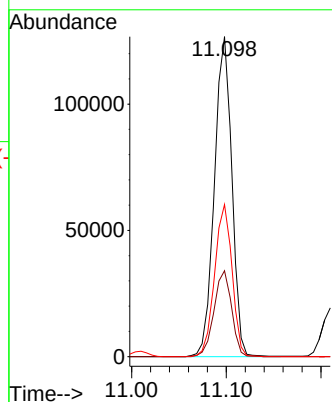
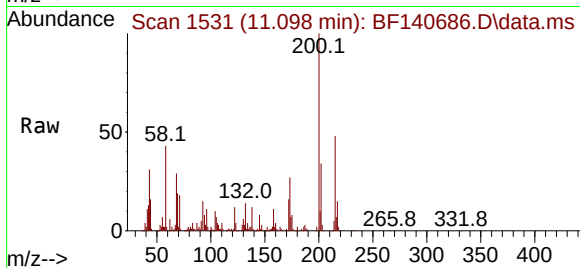
Tgt Ion:200 Resp: 162107

Ion Ratio Lower Upper

200 100

173 26.8 7.0 47.0

215 47.6 26.7 66.7



#70

Pentachlorophenol

Concen: 94.721 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

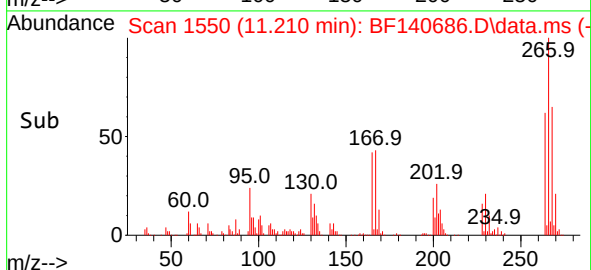
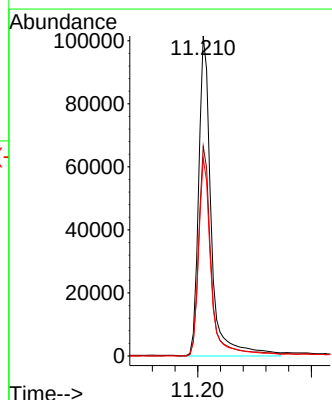
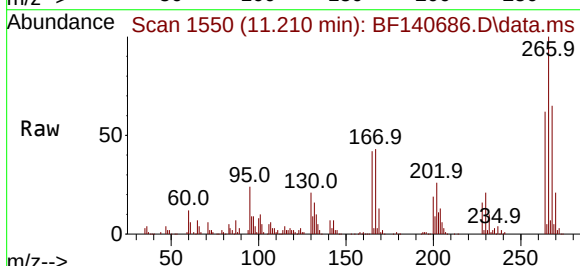
Tgt Ion:266 Resp: 156988

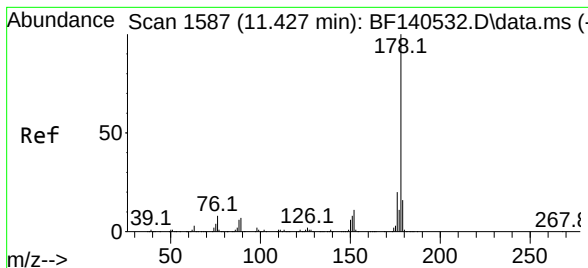
Ion Ratio Lower Upper

266 100

268 65.5 53.7 80.5

264 61.8 49.8 74.8





#71

Phenanthrene

Concen: 54.206 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

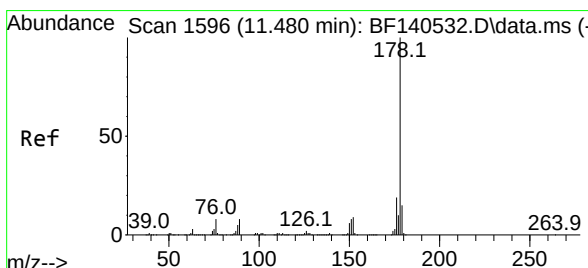
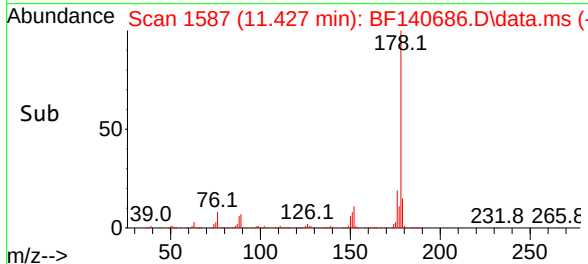
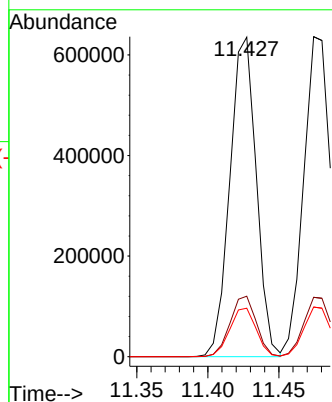
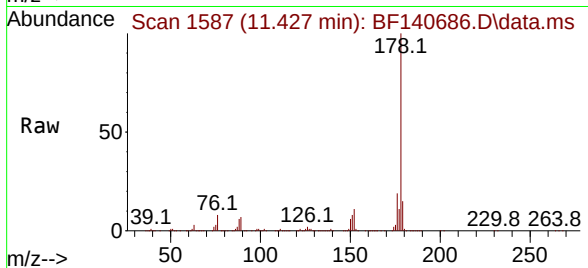
Tgt Ion:178 Resp: 822840

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 15.2 12.4 18.6



#72

Anthracene

Concen: 56.741 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

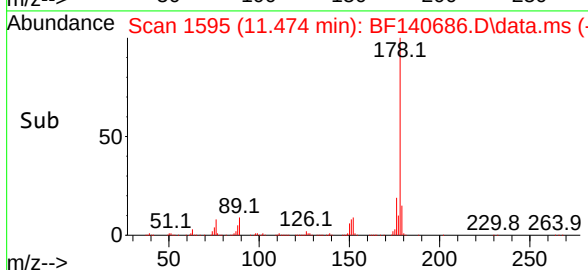
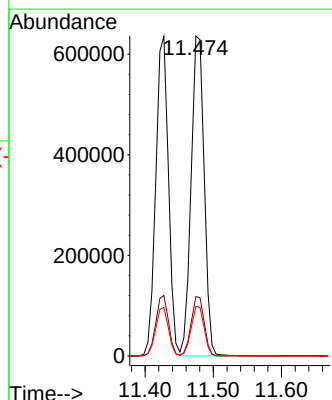
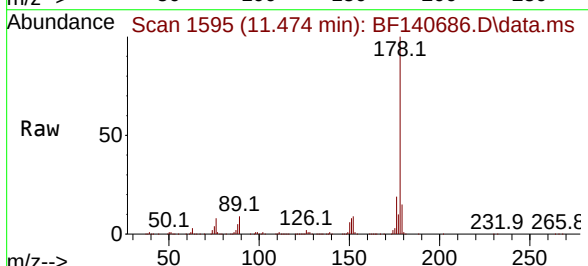
Tgt Ion:178 Resp: 842541

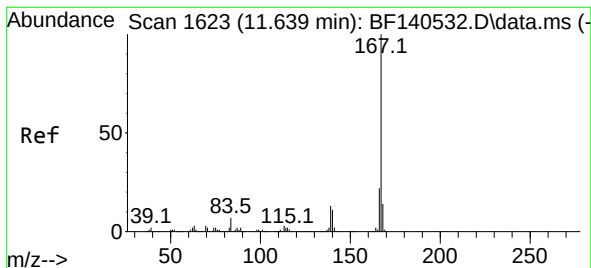
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 53.972 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

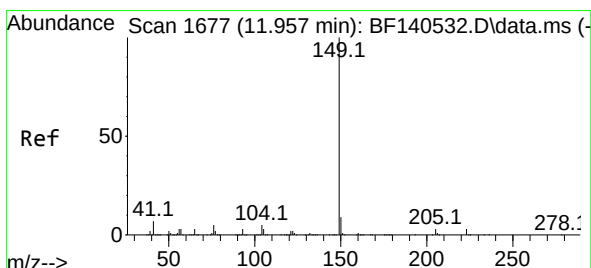
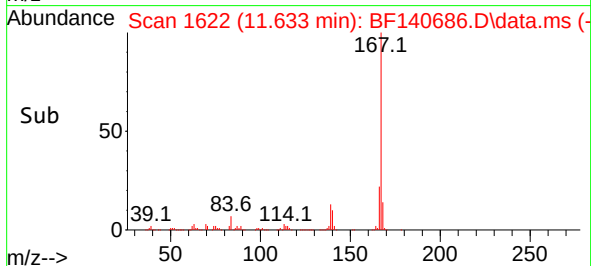
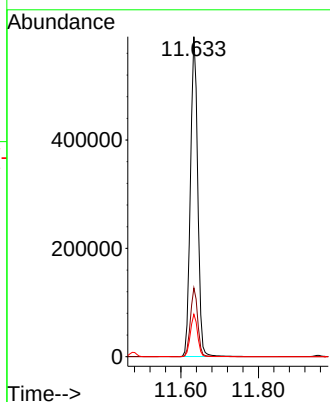
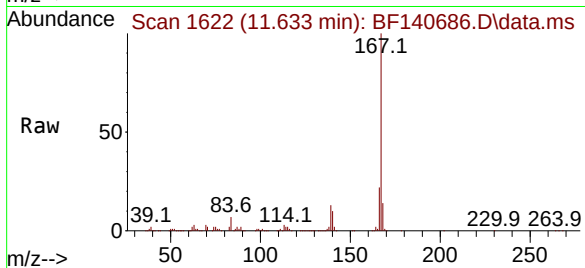
Tgt Ion:167 Resp: 770976

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.569 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

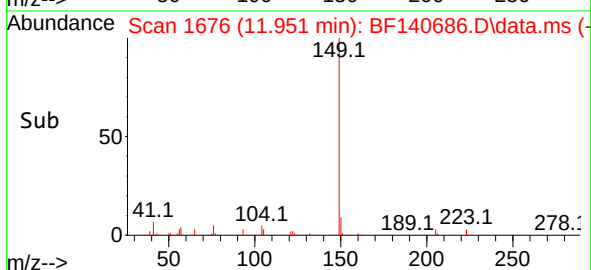
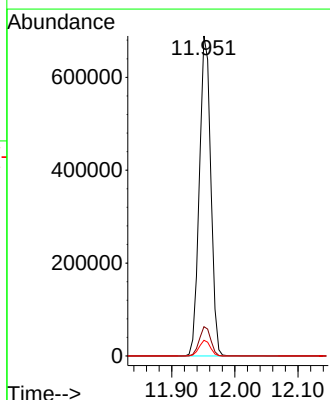
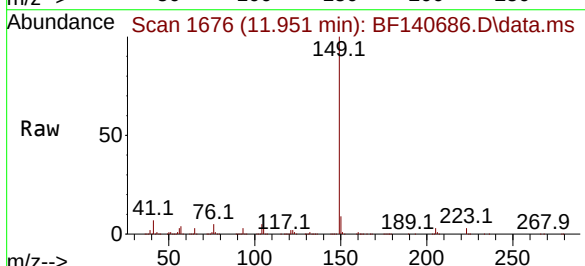
Tgt Ion:149 Resp: 866939

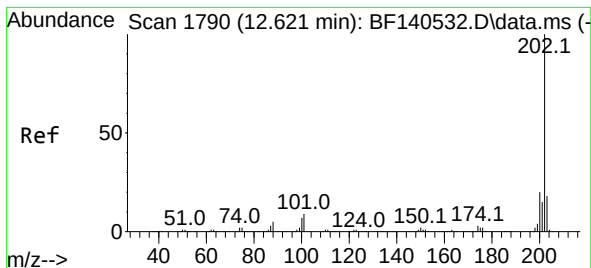
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 54.080 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

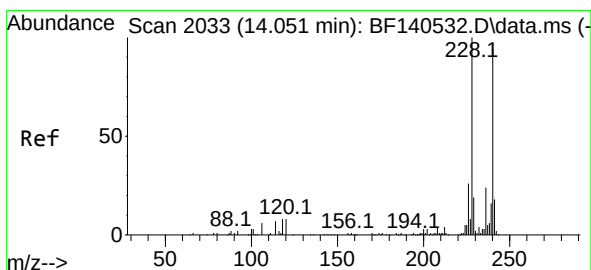
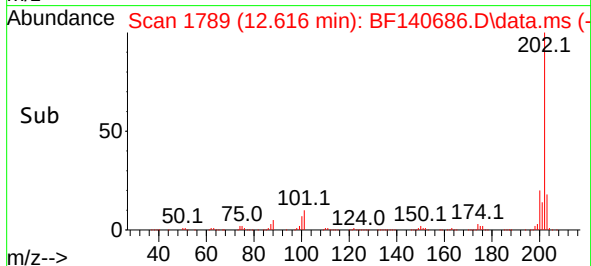
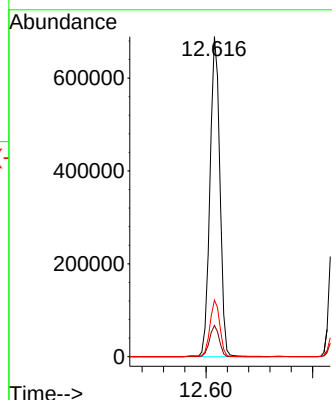
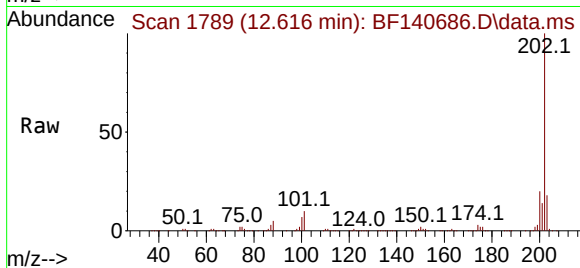
Tgt Ion:202 Resp: 891314

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

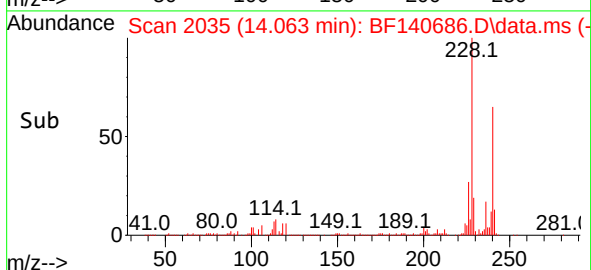
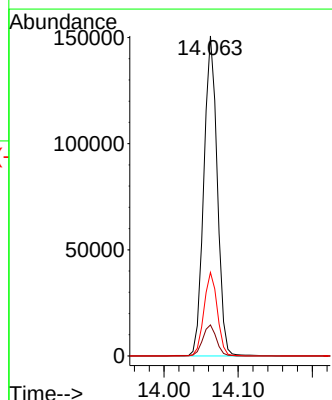
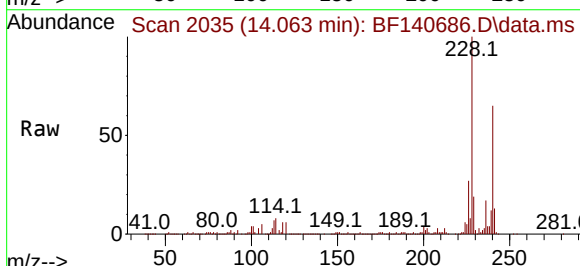
Tgt Ion:240 Resp: 189731

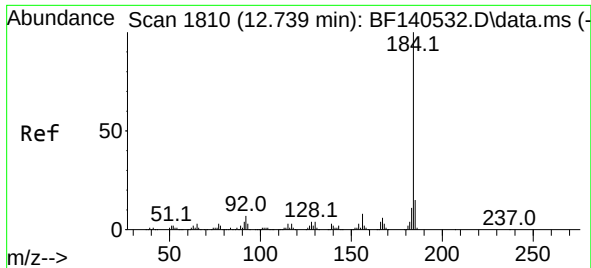
Ion Ratio Lower Upper

240 100

120 9.7 7.3 10.9

236 26.1 20.6 31.0

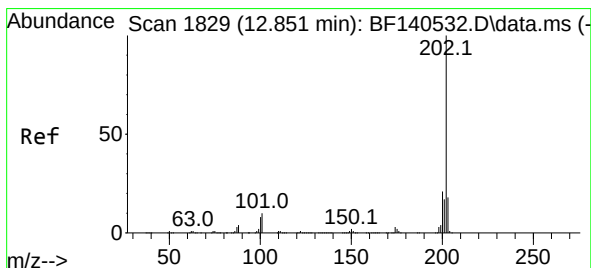
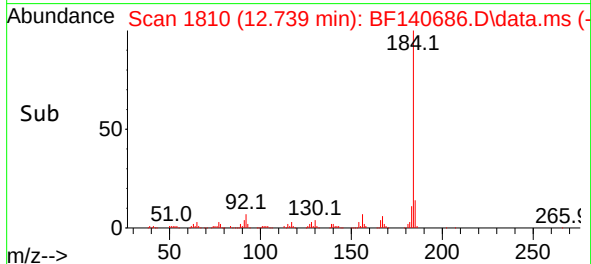
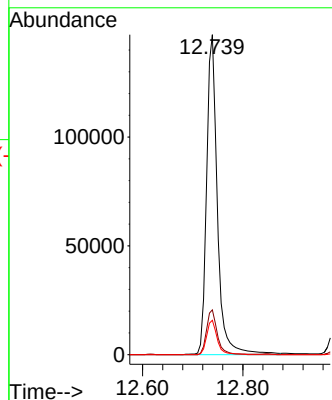
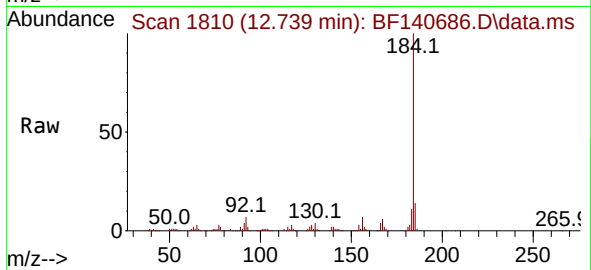




#77
Benzidine
Concen: 39.979 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

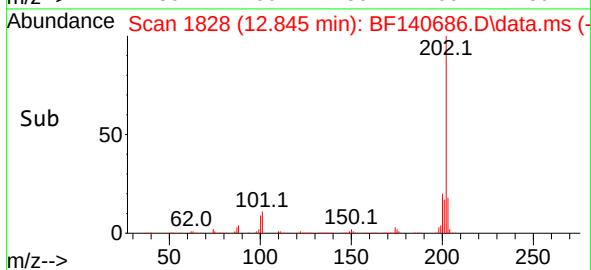
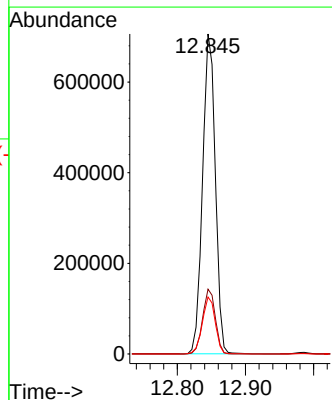
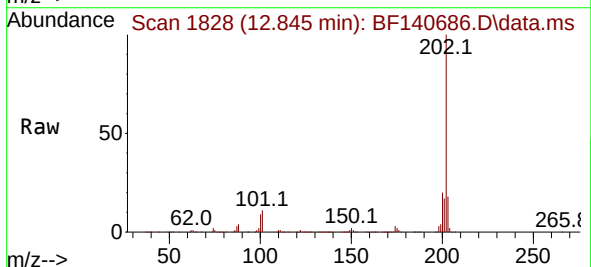
Instrument :
BNA_F
ClientSampleId :
PB165294BS

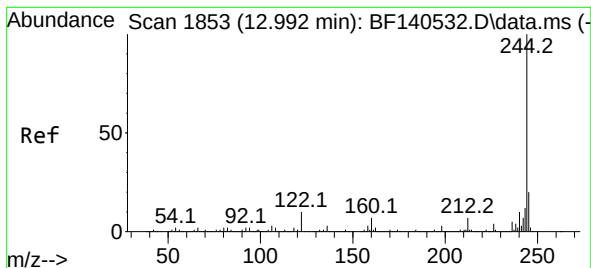
Tgt Ion:184 Resp: 220537
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.8 8.8 13.2



#78
Pyrene
Concen: 52.262 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:202 Resp: 916827
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 101.560 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

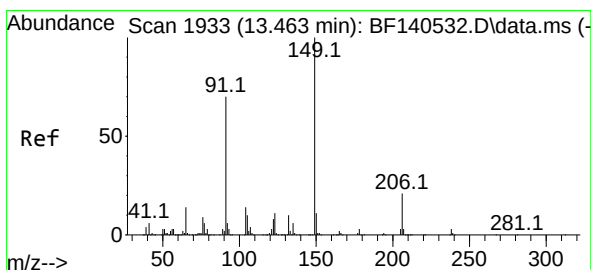
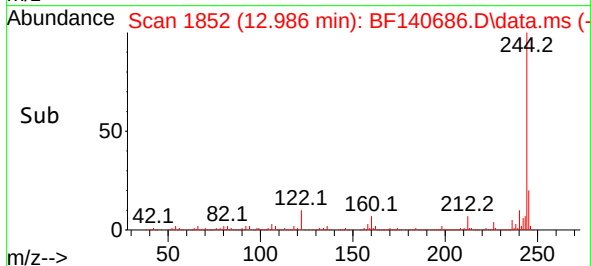
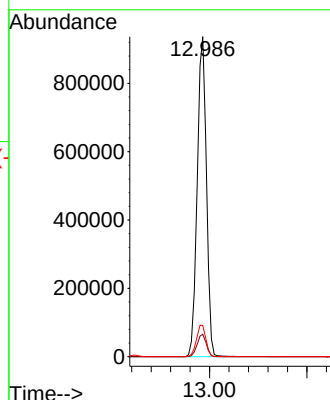
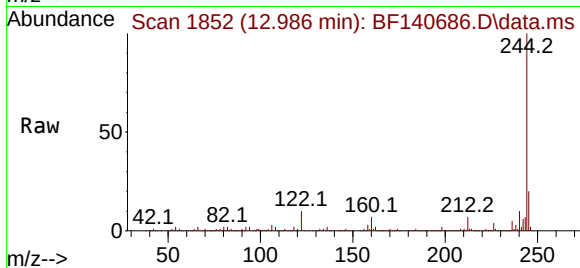
Tgt Ion:244 Resp: 1237478

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 54.728 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

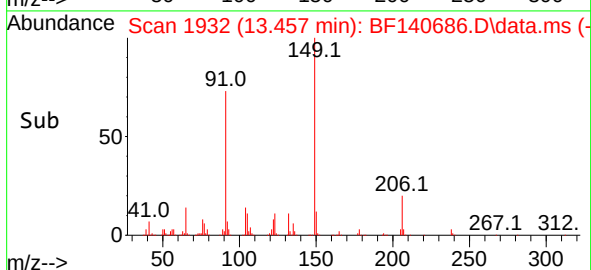
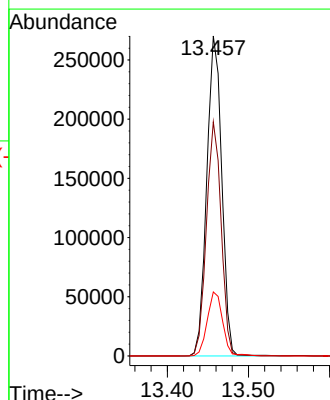
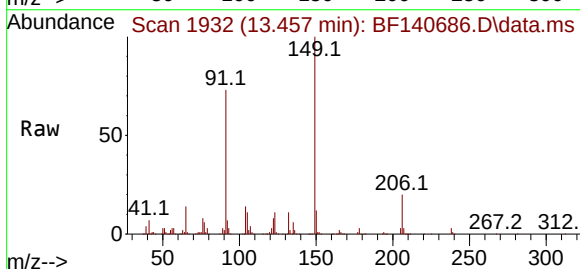
Tgt Ion:149 Resp: 345862

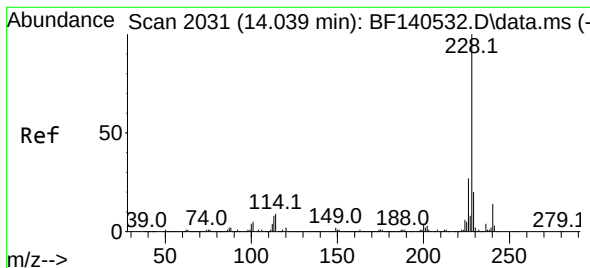
Ion Ratio Lower Upper

149 100

91 73.1 56.2 84.2

206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.634 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

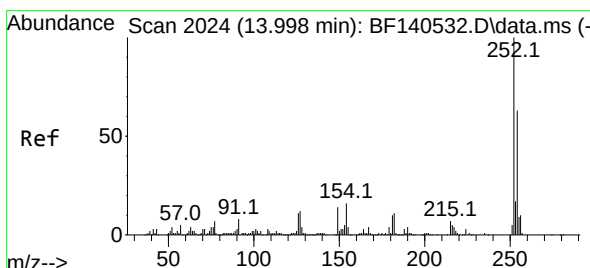
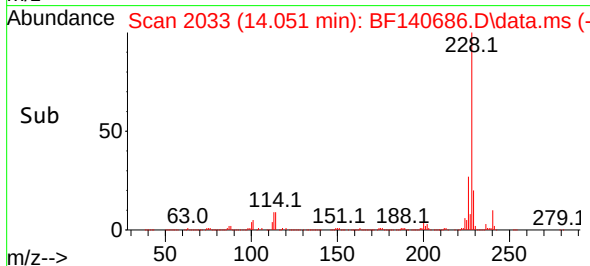
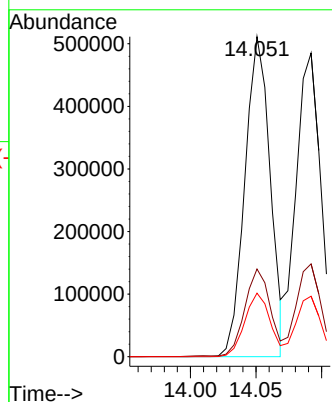
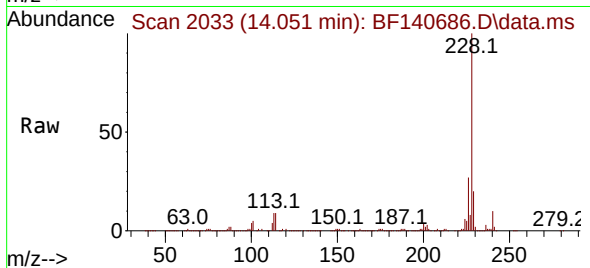
Tgt Ion:228 Resp: 686170

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.740 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

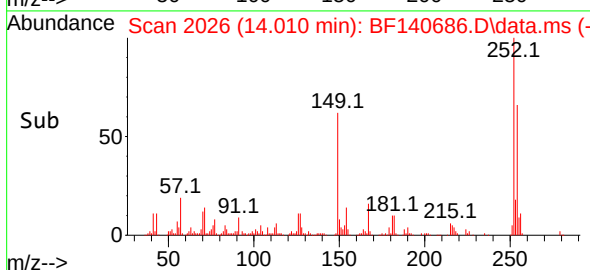
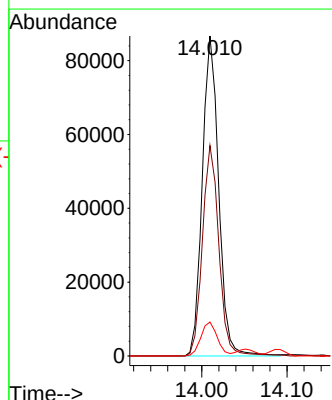
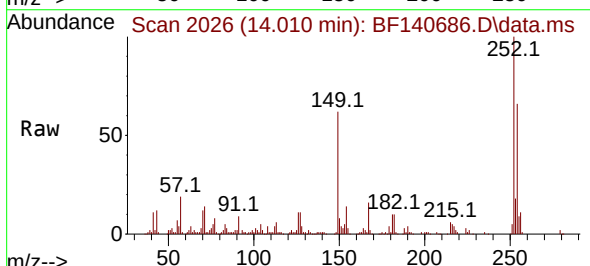
Tgt Ion:252 Resp: 115916

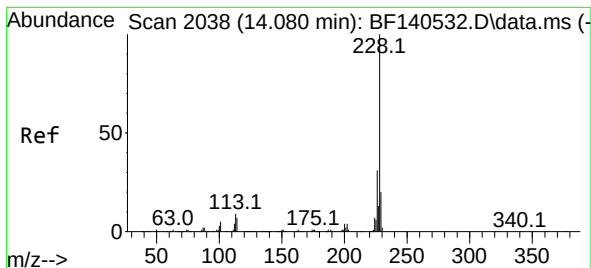
Ion Ratio Lower Upper

252 100

254 65.7 50.8 76.2

126 10.6 8.6 13.0





#83

Chrysene

Concen: 55.400 ng

RT: 14.092 min Scan# 2038

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

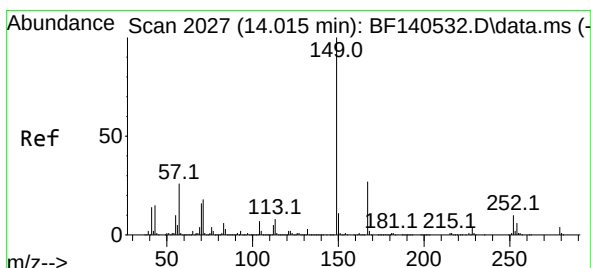
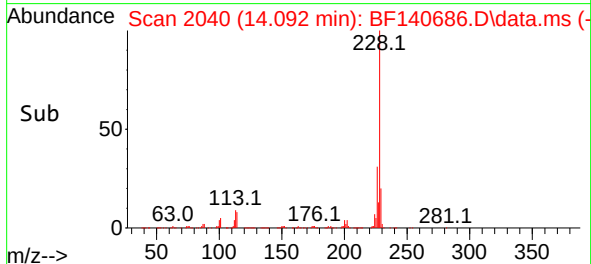
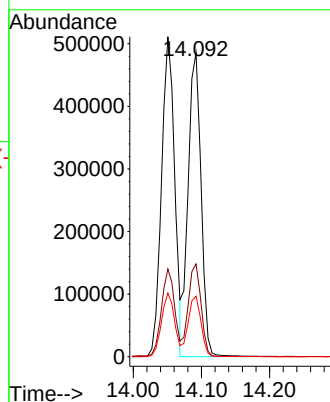
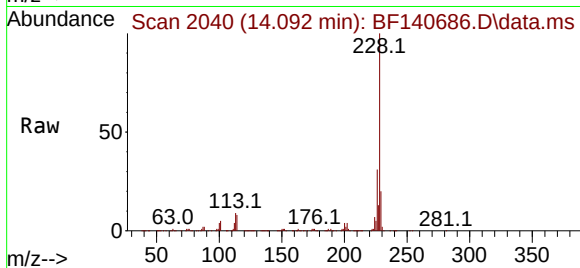
Tgt Ion:228 Resp: 636230

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.624 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

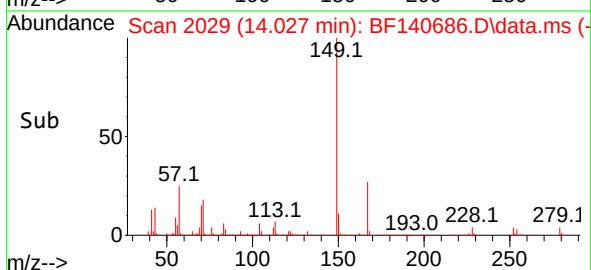
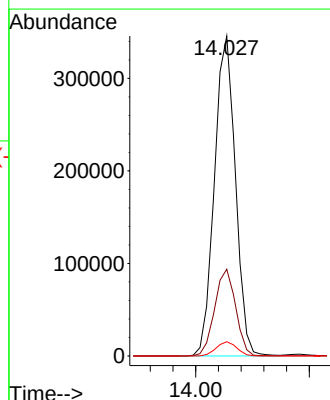
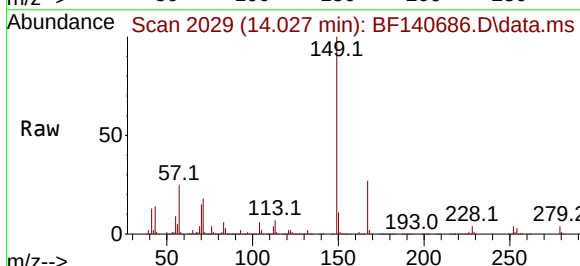
Tgt Ion:149 Resp: 443875

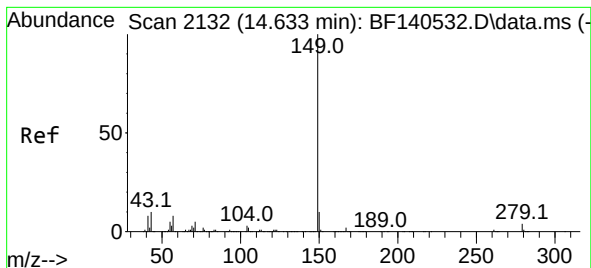
Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 57.748 ng

RT: 14.674 min Scan# 2139

Delta R.T. 0.041 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

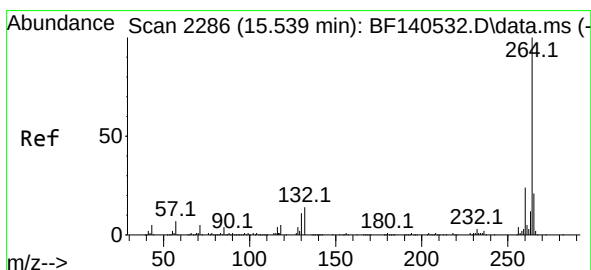
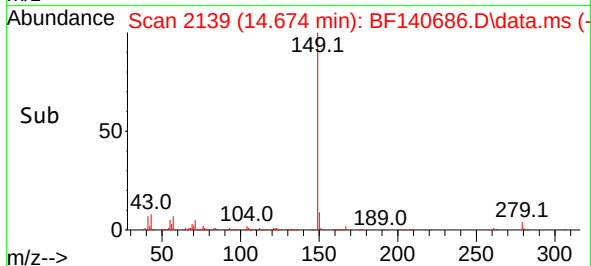
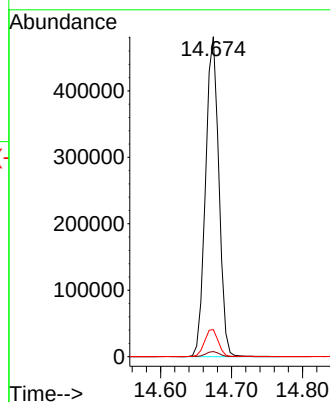
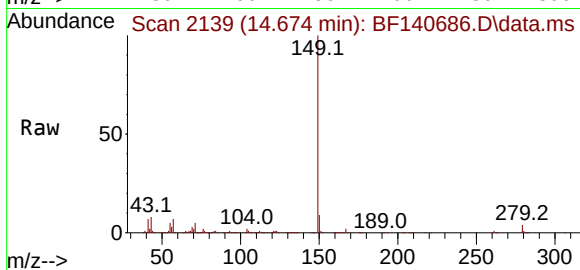
Tgt Ion:149 Resp: 629771

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2293

Delta R.T. 0.041 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

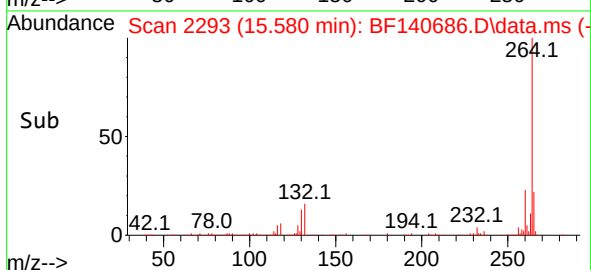
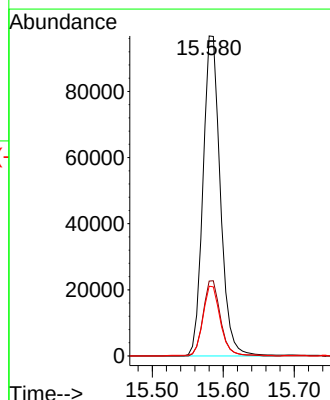
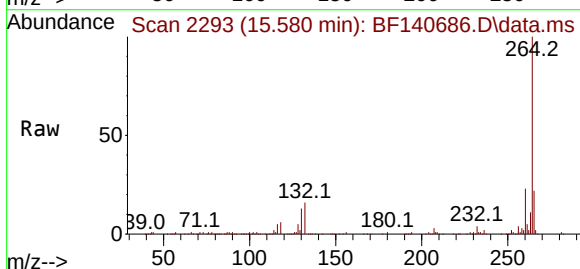
Tgt Ion:264 Resp: 164500

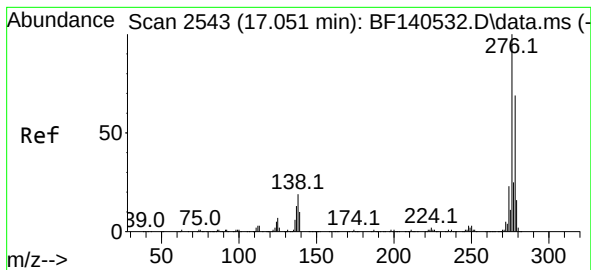
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.367 ng

RT: 17.104 min Scan# 2119

Delta R.T. 0.053 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

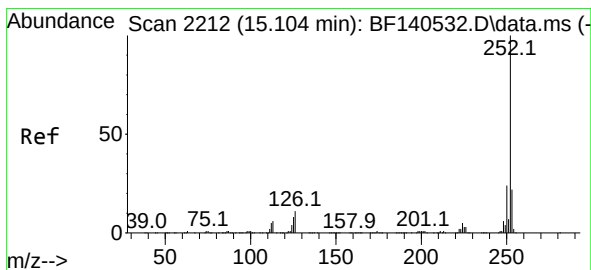
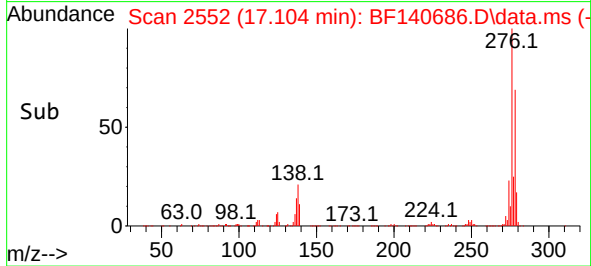
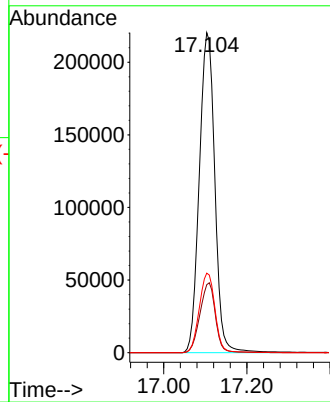
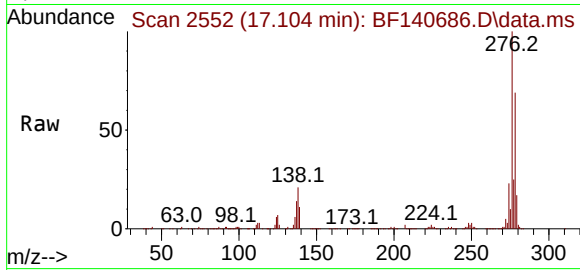
Tgt Ion:276 Resp: 572111

Ion Ratio Lower Upper

276 100

138 21.8 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 55.533 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.041 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

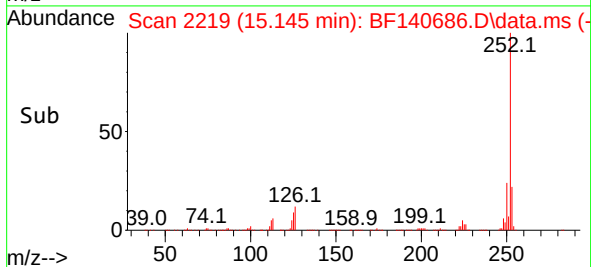
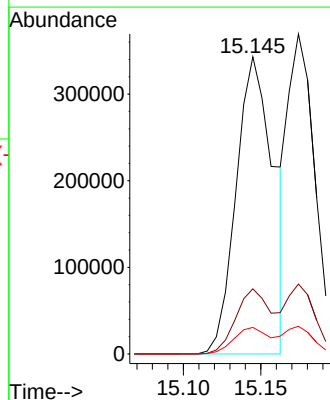
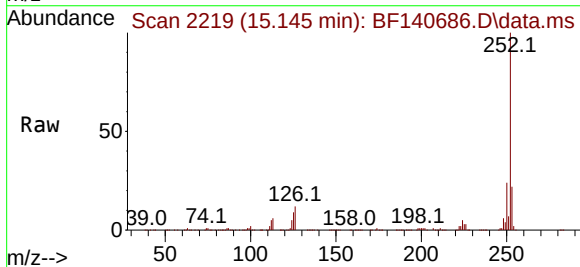
Tgt Ion:252 Resp: 573795

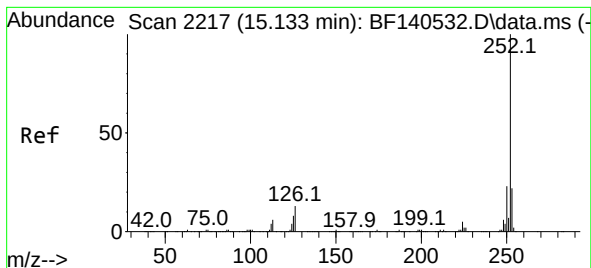
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.683 ng

RT: 15.174 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

Instrument :

BNA_F

ClientSampleId :

PB165294BS

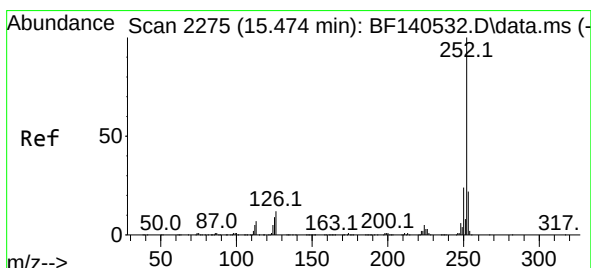
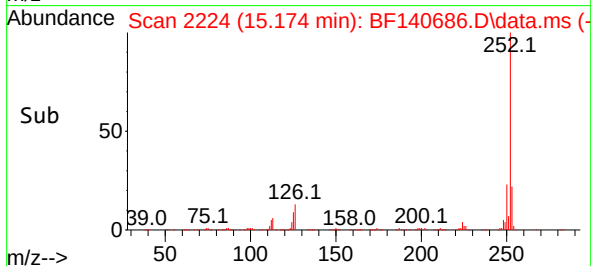
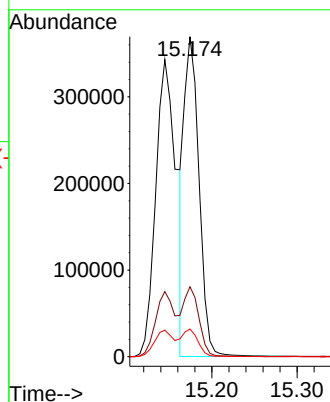
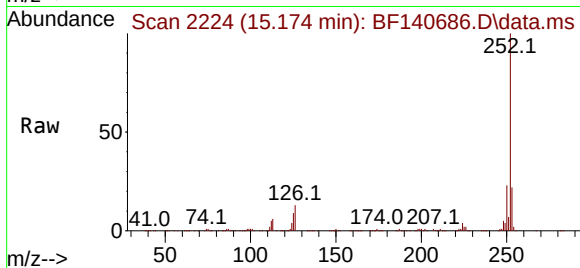
Tgt Ion:252 Resp: 449220

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 56.894 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.047 min

Lab File: BF140686.D

Acq: 02 Dec 2024 12:41

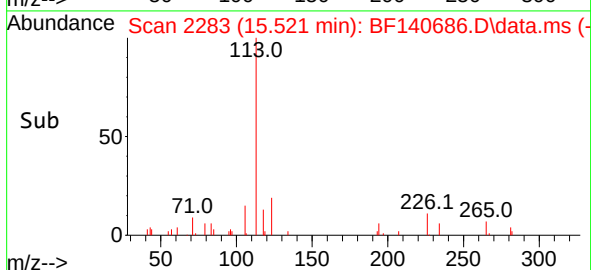
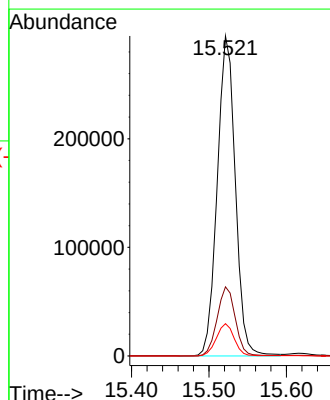
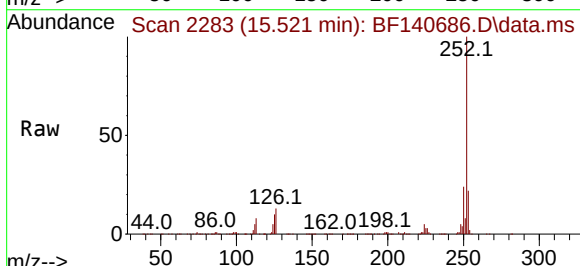
Tgt Ion:252 Resp: 477970

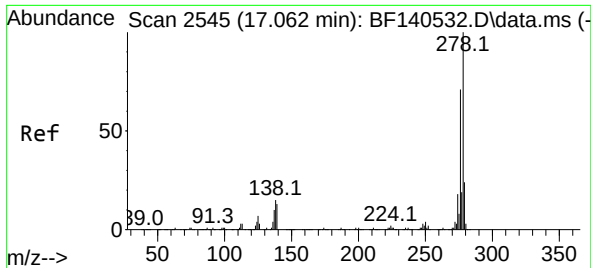
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.1 7.0 10.6

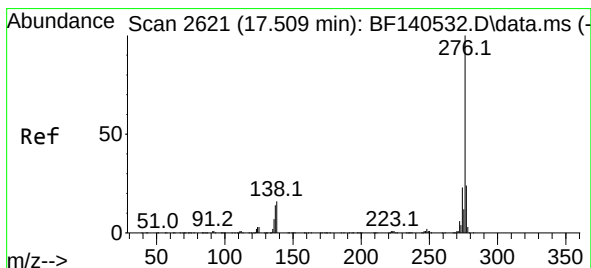
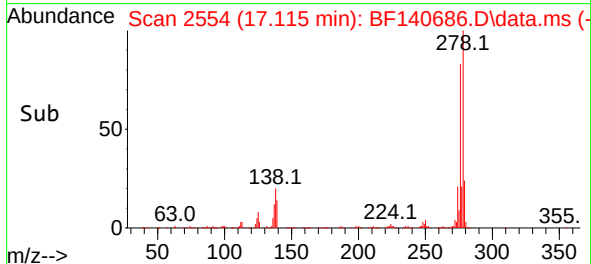
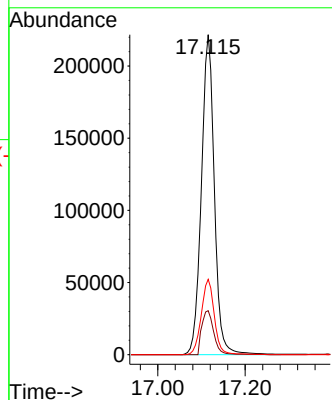
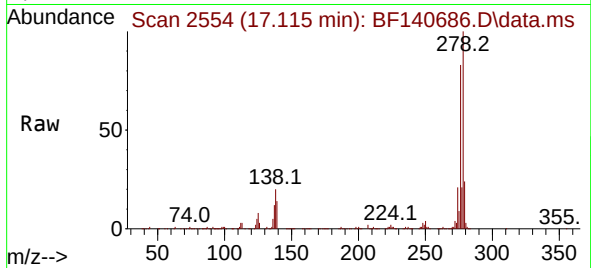




#91
Dibenzo(a,h)anthracene
Concen: 52.286 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Instrument :
BNA_F
ClientSampleId :
PB165294BS

Tgt Ion:278 Resp: 459050
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.588 ng
RT: 17.562 min Scan# 2630
Delta R.T. 0.053 min
Lab File: BF140686.D
Acq: 02 Dec 2024 12:41

Tgt Ion:276 Resp: 435299
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 18.1 13.2 19.8

